LAPORAN PENYIASATAN PENGELUARAN PADI

Paddy Production Survey Report MALAYSIA

MUSIM UTAMA 2014/2015

Main Season

JABATAN PERTANIAN

LAPORAN PENYIASATAN PENGELUARAN PADI
Paddy Production Survey Report
MALAYSIA

MUSIM UTAMA 2014/2015
Main Season

JABATAN PERTANIAN
SEMENANJUNG MALAYSIA
Department of Agriculture
Peninsular Malaysia
2016

BK 10/01-07/400

Cetakan Pertama 2016
© Hakcipta Jabatan Pertanian Semenanjung Malaysia, 2016

First Edition 2016
© Copyright Department of Agriculture Peninsular Malaysia, 2016

Hakcipta terpelihara. Tidak dibenarkan mengeluar ulang mana-mana bahagian, artikel, illustrasi dan isi kandungan buku ini dalam apa juga bentuk dan dengan apa carapun sama ada secara elekronik, fotokopi, mekanik, rakaman atau cara lain sebelum mendapat izin bertulis daripada Ketua Pengarah Pertanian, Semenanjung Malaysia.

All rights reserved. No parts of this publication may be produced or transmitted in any form or by any means neither by electronic, mechanical, photocopying, recording or otherwise without prior written permission from the Director General of Agriculture, Peninsular Malaysia.

Manuskrip, konsep persembahan, suntingan dan rekaletak terbitan ini disediakan oleh Unit Perangkaan, Bahagian Perancangan, Teknologi Maklumat & Komunikasi, Jabatan Pertanian.

Manuscript, presentation concepts, editing and layout of this publication was prepared by Statistics Unit, Planning Information Technology and Communications Division, Department of Agriculture.

ISSN: 1985-2762

Diatur huruf dan rekaletak :
Typesetting by :

Unit Perangkaan, Bahagian Perancangan,Teknologi Maklumat & Komunikasi,
Statistics Unit, Planning, Information Technology and Communications Division,
Jabatan Pertanian, Semenanjung Malaysia.
Department of Agriculture, Peninsular Malaysia.

Dicetak oleh :
Bahagian Perancangan,Teknologi Maklumat & Komunikasi,
Planning, Information Technology and Communications Division,
Jabatan Pertanian, Semenanjung Malaysia.
Department of Agriculture, Peninsular Malaysia.

KATA PENGANTAR

Penerbitan Penyiasatan Pengeluaran Padi (PPP), Musim Utama 2014/2015 kali ke 70 ini merupakan salah sebuah terbitan bersiri Jabatan Pertanian yang membekalkan maklumat padi yang lengkap. Maklumat yang disertakan merujuk kepada PPP untuk tempoh tanaman padi antara 1 Ogos 2014 hingga 28 Februari 2015 yang merangkumi Penyiasatan Hasil dan Penyiasatan Keluasan Aktiviti Tanaman Padi.

Laporan ini membekalkan maklumat tentang skop dan metodologi penyiasatan serta keputusan PPP untuk Padi Sawah dan Padi Huma di peringkat negeri dan nasional. Disamping itu, maklumat amalan kultura dan keputusan ujian pengeringan juga dipersembahkan.

Saya berharap penerbitan ini dapat memenuhi keperluan perancang, pembuat dasar, penyelidik dan juga pihak awam.

Saya ingin merakamkan penghargaan terima kasih kepada Urusetia PPP, Bahagian Perancangan, Teknologi Maklumat & Komunikasi, Bahagian Padi, Tanaman Industri dan Florikultur, Bahagian Pengurusan dan Pemuliharaan Sumber Tanah, Bahagian Biosekuriti Tumbuhan, Bahagian Pengembangan Pertanian dan Industri Asas Tani, Bahagian Kejuruteraan Pertanian, Bahagian Kawalan Kualiti Tanaman dari Jabatan Pertanian, semua Jabatan Pertanian Negeri, semua Jabatan Pengairan dan Saliran Negeri, MADA, KADA, IADA-IADA dan ahli Jawatankuasa PPP Peringkat Negeri dan Kebangsaan di atas sumbangan dan kerjasama mereka untuk membekalkan maklumat yang diperlukan serta penandatanganan laporan ini.

Jabatan Pertanian mengalu-alukan komen dan cadangan ke atas data yang dibentangkan untuk memperbaiki keluaran penerbitan ini yang akan datang.

DATO' AHMAD ZAKARIA BIN MOHAMAD SIDEK
Ketua Pengarah Pertanian
Jabatan Pertanian
Semenanjung Malaysia.

November 2015

PREFACE

This publication on Paddy Production Survey (PPS), Main Season 2014/2015 is one of the several publications produced by the Department of Agriculture which provides comprehensive information on paddy. This issue is the 70th in the series of PPS publications. The information refers to PPS for the period of paddy planting between 1st August 2014 to 28th February 2015 which covers the Yield Survey and the Paddy Cultivation Activity Area Survey.

This report provides information on the scope and methodology of the survey and results of the PPS for Wetland Paddy and Dry land Paddy at the state and national levels. Besides this, information on farm practices and results of driage tests are also presented.

I hope this publication will fulfill the needs of planners, policy makers, researchers and also the public sector.

I would like to thank the Secretariat of the PPS, the Planning, Information Technology & Communications Division, the Paddy, Industrial Crops and Floriculture Division, the Soil Resource Management and Conservation Division, Plant Biosecurity Division, Agriculture Extension and Agro Based Industry Division, Agricultural Engineering Division, Crop Quality Control Division of the Department of Agriculture, all State Agriculture Departments, all State Drainage and Irrigation Departments, MADA, KADA, IADAs and members of the State and National Committees on PPS for their contributions and co-operations in the data collection and endorsement of this report.

The Department of Agriculture welcomes any comments and suggestions on the data presented for the improvement of future issues of this publication.

DATO' AHMAD ZAKARIA BIN MOHAMAD SIDEK
Director General of Agriculture
Department of Agriculture
Peninsular Malaysia.

November 2015

KANDUNGAN

	Muka Surat
Kata Pengantar	i
Data Penting - Malaysia	vii
Perangkaan Penting Padi - Musim Utama	ix
Simbol/Singkatan yang Digunakan	x
Senarai Carta	xi
Senarai Jadual	xii
Senarai Lampiran	xvii
Carta	xxiv
Catatan	xxx
Objektif, Liputan, Skop dan Metodologi	
1 Objektif	1
2 Liputan Penyiasatan	1
3 Skop Laporan	1
4 Metodologi	2
4.1 Kaedah Penyiasatan	2
4.2 Rekabentuk Sampel	3
4.3 Rangka Pensampelan	4
4.4 Ralat Pensampelan	5
4.5 Kaedah Anggaran Hasil dan Keluasan	5
5 Konsep dan Definisi	6
Laporan Penyiasatan Pengeluaran Padi Musim Utama 2014/2015	
1 Pendahuluan	10
2 Kadar Sambutan	10
2.1 Penyiasatan Hasil	10
2.2 Penyiasatan Keluasan Aktiviti Tanaman Padi	10

Muka Surat

3 Persembahan Data 11

4 Keputusan Penyiasatan Pengeluaran Padi 12

4.1 Keseluruhan Hasil Padi 12

4.2 Padi Sawah 12

4.2.1 Padi Sawah di Semenanjung Malaysia 13

4.2.2 Padi Sawah di Sabah dan Sarawak 14

4.2.3 Padi Sawah di kawasan jelapang padi 15

4.3 Padi Huma 19

5 Kadar Penggunaan Benih 19

6 Taburan dan Potensi Hasil Varieti Padi 20

7 Penggunaan Mekanisasi 20

8 Penggunaan Baja 21

9 Keputusan Ujian Pengeringan 22

9.1 Kadar Sambutan 22

9.2 Faktor Padi Kering dan Padi Bersih serta Peratusan Hampa 22

Jadual-Jadual Penyiasatan Pengeluaran Padi (Padi Sawah) 46

Lampiran-Lampiran 109

Ahli Jawatankuasa Pelaksanaan Penyiasatan Pengeluaran Padi Peringkat Kebangsaan 160

Contents

	Page
Preface	ii
Key Data - Malaysia	vii
Key Statistics of Paddy - Main Season	ix
Symbols/Abbreviations Used	x
List of Charts	xi
List of Tables	xii
List of Appendices	xvii
Charts	xxiv
Notes	xxxi
Objectives, Coverage, Scope and Methodology	
1 Objectives	24
2 Coverage of the Survey	24
3 Scope of the Report	24
4 Methodology	25
4.1 Survey Method	25
4.2 Sample Design	26
4.3 Sampling Frame	27
4.4 Sampling Errors	28
4.5 Methods of Estimating Yield and Area	28
5 Concepts and Definitions	29
Paddy Production Survey Report Main Season 2014/2015	
1 Introduction	33
2 Response Rate	33
2.1 Yield Survey	33
2.2 Paddy Cultivation Activity Area Survey	33

Page

3 Data Presentation 34

4 Results of Paddy Production Survey 35

4.1 Overall Yield of Paddy 35

4.2 Wetland Paddy 35

4.2.1 Wetland Paddy in Peninsular Malaysia 35

4.2.2 Wetland Paddy in Sabah and Sarawak 37

4.2.3 Wetland Paddy in granary areas 38

4.3 Dryland Paddy 41

5 Seeding Rate 42

6 Distribution and Potential Yield of Paddy Varieties 42

7 Mechanisation 43

8. Fertilizer Usage 43

9 Results of Driage Tests 44

9.1 Response Rate 44

9.2 Dried Paddy and Cleaned Paddy Factors and Percentage of Unfilled Grain 44

Tables on Paddy Production Survey (Wetland Paddy) 46

Appendices 109

Members of the Implementation Committee on Paddy Production Survey at National Level 161

DATA PENTING - MALAYSIA
Key Data - MALAYSIA

	2011	2012	2013 [p]
PENDUDUK (juta) *POPULATION (million)*	**29.06**	**29.51**	**29.92**
PERANGKAAN PENTING (setiap 1,000 penduduk) *VITAL STATISTICS (per 1,000 population)*	**2010**	**2011**	**2012 [p]**
Kadar Kelahiran Kasar *Crude Birth Rate*	**17.2**	**17.6**	**17.2**
Kadar Kematian Kasar *Crude Death Rate*	**4.6**	**4.7**	**4.6**
Kadar Pertambahan Semulajadi Kasar *Crude Rate of Natural Increase*	**12.6**	**12.9**	**12.6**
Kadar Mortaliti Bayi (setiap 1,000 kelahiran hidup) *Infant Mortality Rate (per 1,000 live births)*	**6.7**	**6.5**	**6.3**
KELUARAN NEGARA KASAR (KDNK) *GROSS NATIONAL PRODUCT (GDP)*	**2011**	**2012 [p]**	**2013 [p]**
KDNK pada harga semasa (RM juta) *GDP at current prices (RM million)*	**881,080**	**941,237**	**986,733**
KDNK pada harga malar 2005 (RM juta) *GDP at constants 2005 prices (RM million)*	**709,261**	**751,471**	**787,611**
PERDAGANGAN LUAR NEGERI (RM juta) *EXTERNAL TRADE (RM million)*	**2011**	**2012**	**2013**
Jumlah Eksport *Total Exports*	**697,862**	**702,641**	**719,992**
Jumlah Import *Total Imports*	**573,626**	**606,677**	**648,695**
Imbangan Perdagangan *Balance of Trade*	**124,236**	**95,964**	**71,298**
KELUASAN BERTANAM BAGI TANAMAN-TANAMAN UTAMA ('000 hektar) *PLANTED AREA OF MAIN CROPS ('000 hectares)*	**2011**	**2012**	**2013**
Getah *Rubber*	**1,012.8**	**1,059.7 [p]**	**"**
Kelapa Sawit *Oil Palm*	**5,000.1**	**5,076.9**	**5,229.7**
Padi * *Paddy*	**687.9**	**684.5**	**671.7**
Koko *Cocoa*	**20.8**	**11.7**	**13.7 [e]**
GUNA TENAGA *EMPLOYMENT*	**2011**	**2012**	**2013**
Jumlah Tenaga Buruh ('000) *Total Labour Force ('000)*	**12,675.8**	**13,119.6**	**13,634.6**
Bekerja ('000) *Employed ('000)*	**12,284.4**	**12,723.2**	**13,210.0**
Menganggur ('000) *Unemployed ('000)*	**391.4**	**396.3**	**424.6**
Kadar Pengangguran (%) *Unemployment Rate (%)*	**3.1**	**3.0**	**3.1**

DATA PENTING - MALAYSIA
Key Data - MALAYSIA

	2011	2012	2013
PENGELUARAN, IMPORT DAN EKSPORT KOMODITI PERTANIAN UTAMA *PRODUCTION, IMPORTS AND EXSPORTS OF MAIN AGRICULTURAL COMMODITIES*			
GETAH ASLI ('000 tan metrik) *NATURAL RUBBER ('000 tonnes)*			
Pengeluaran *Production*	**996.2**	**922.8**	**826.4**
Import *Imports*	**668.4**	**872.4**	**1,004.8**
Eksport *Exports*	**960.1**	**771.2**	**846.0**
MINYAK SAWIT MENTAH *CRUDE PALM OIL*			
Pengeluaran *Production*	**18,911.5**	**18,785.0**	**19,216.4**
Import *Imports*	**2,000.5**	**1,903.7**	**1,890.0** [p]
Eksport *Exports*	**18,266.0**	**17,844.0**	**17,794.6**
BERAS ('000 tan metrik) *RICE ('000 tonnes)*			
Pengeluaran * *Production*	**1,661.3**	**1,675.0**	**1,677.4**
Import *Imports*	**1,031.0**	**1,006.0**	**888.8**
Eksport *Exports*	**0.7**	**0.7**	**0.1**

Catatan: * **Jabatan Pertanian, Semenanjung Malaysia**
Notes: *Department of Agriculture, Peninsular Malaysia*

\# **Kurang daripada 50 tan metrik**
Less than 50 metric tonnes

Punca : **Buletin Perangkaan Bulanan, Jabatan Perangkaan Malaysia (September 2014)**
Source: *Monthly Statistical Bulletin, Department of Statistics, Malaysia (September 2014)*

PERANGKAAN PENTING PADI - MUSIM UTAMA

Key Statistics of Paddy - Main Season

	2011/2012	2012/2013	2013/2014	2014/2015
KELUASAN (HEKTAR) *Area (hectares)*				
Pasel Padi *Paddy Parcels*				
Malaysia	**292,500[a]**	**289,882[a]**	**289,882[a]**	**291,086[a]**
Semenanjung Malaysia *Peninsular Malaysia*	**292,500**	**289,882**	**289,882**	**291,086**
Kawasan jelapang padi *Granary areas*	**200,552**	**200,505**	**210,842**	**211,266**
Sabah	**n.a**	**n.a**	**n.a**	**n.a**
Sarawak	**n.a**	**n.a**	**n.a**	**n.a**
Keluasan Bertanam Padi *Planted paddy areas*				
Malaysia	**359,438**	**357,585**	**352,729**	**353,201**
Semenanjung Malaysia *Peninsular Malaysia*	**267,563**	**262,761**	**264,441**	**266,249**
Kawasan jelapang padi *Granary areas*	**197,158**	**191,867**	**202,877**	**204,178**
Sabah	**27,119**	**22,809**	**22,199**	**22,134**
Sarawak	**64,756**	**72,015**	**66,089**	**64,818**
PURATA HASIL (KG/HEKTAR) *Average yield (kg/ha)*				
Malaysia	**3,883**	**3,834**	**4,297**	**4,026**
Semenanjung Malaysia *Peninsular Malaysia*	**4,189**	**4,148**	**4,725**	**4,364**
Kawasan jelapang padi *Granary areas*	**4,631**	**4,676**	**5,171**	**4,687**
Sabah	**3,009**	**3,348**	**3,512**	**3,521**
Sarawak	**2,983**	**2,844**	**2,848**	**2,811**
ANGGARAN PENGELUARAN PADI ('000 TAN METRIK) *Estimates of Paddy Production ('000 metric tonnes)*				
Malaysia	**1,395.7**	**1,371.0**	**1,515.6**	**1,422.1**
Semenanjung Malaysia *Peninsular Malaysia*	**1,120.9**	**1,089.8**	**1,249.4**	**1,162.0**
Kawasan jelapang padi *Granary areas*	**913.1**	**897.1**	**1,049.2**	**957.1**
Sabah	**81.6**	**76.4**	**78.0**	**78.0**
Sarawak	**193.1**	**204.8**	**188.2**	**182.2**
VARIETI PADI YANG PALING POPULAR DITANAM DI SEMENANJUNG MALAYSIA *Most popular paddy varieties planted in Peninsular Malaysia*				
Paling popular *Most popular*	**MR 219**	**MR 219**	**MR 220 CL2**	**MR 220 CL2**
Kedua popular *Second popular*	**MR 220**	**MR 220**	**MR 219**	**MR 263**
Ketiga popular *Third popular*	**MR 220 CL1**	**MR 220 CL1**	**MR 263**	**MR 219**

Catatan: **a** **Merujuk kepada Semenanjung Malaysia sahaja.**
Notes: *Refers to Peninsular Malaysia only.*

SIMBOL/SINGKATAN YANG DIGUNAKAN
Symbols/Abbreviations used

p	**Sementara** *Provisional*
r	**Pinda** *Revised*
e	**Anggaran** *Estimate*
#	**Kurang daripada 50 tan metrik** *Less than 50 metric tonnes*
n.a	**Tidak diperoleh** *Not available*
-	**Kosong** *Nil*
RM	Ringgit Malaysia
MADA	**Lembaga Kemajuan Pertanian Muda** *Muda Agricultural Development Authority*
KADA	**Lembaga Kemajuan Pertanian Kemubu** *Kemubu Agricultural Development Authority*
IADA Kerian	**Kawasan Pembangunan Pertanian Bersepadu Kerian** *Kerian Integrated Agricultural Development Area*
IADA BLS	**Kawasan Pembangunan Pertanian Bersepadu Barat Laut Selangor** *Barat Laut Selangor Integrated Agricultural Development Area*
IADA P Pinang	**Kawasan Pembangunan Pertanian Bersepadu Pulau Pinang** *Pulau Pinang Integrated Agricultural Development Area*
IADA Seb Perak	**Kawasan Pembangunan Pertanian Bersepadu Seberang Perak** *Seberang Perak Integrated Agricultural Development Area*
IADA KETARA	**Kawasan Pembangunan Pertanian Bersepadu Terengganu Utara** *Northern Terengganu Integrated Agricultural Development Area*
IADA Kem Semerak	**Kawasan Pembangunan Pertanian Bersepadu Kemasin Semerak** *Kemasin Semerak Integrated Agricultural Development Area*
IADA Pekan	**Kawasan Pembangunan Pertanian Bersepadu Pekan** *Pekan Integrated Agricultural Development Area*
IADA Rompin	**Kawasan Pembangunan Pertanian Bersepadu Rompin** *Rompin Integrated Agricultural Development Area*
MARDI	**Institut Penyelidikan dan Kemajuan Pertanian Malaysia** *Malaysian Agricultural Research and Development Institute*

Jumlah angka-angka komponen mungkin tidak bersamaan dengan angka jumlah kecil atau jumlah besar disebabkan pembulatan.
The sum of the component figures may not tally with the sub-total or total figures due to rounding.

SENARAI CARTA
List of Charts

		Muka Surat *Page*
Carta 1:	**Purata hasil Padi Sawah mengikut negeri, Malaysia, Musim Utama 2014/2015**	**xxiv**
Chart 1:	*Average yield of Wetland Paddy by state, Malaysia, Main Season 2014/2015*	
Carta 2:	**Keluasan bertanam Padi Sawah mengikut negeri, Malaysia, Musim Utama 2014/2015**	**xxiv**
Chart 2:	*Planted area of Wetland Paddy by state, Malaysia, Main Season 2014/2015*	
Carta 3:	**Pengeluaran Padi Sawah mengikut negeri, Malaysia, Musim Utama 2014/2015**	**xxiv**
Chart 3:	*Production of Wetland Paddy by state, Malaysia, Main Season 2014/2015*	
Carta 4:	**Purata hasil Padi Sawah mengikut kawasan jelapang padi, Semenanjung Malaysia, Musim Utama 2014/2015**	**xxv**
Chart 4:	*Average yield of Wetland Paddy by granary area, Peninsular Malaysia, Main Season 2014/2015*	
Carta 5:	**Keluasan bertanam Padi Sawah mengikut kawasan jelapang padi, Semenanjung Malaysia, Musim Utama 2014/2015**	**xxv**
Chart 5:	*Planted area of Wetland Paddy by granary area, Peninsular Malaysia, Main Season 2014/2015*	
Carta 6:	**Pengeluaran Padi Sawah mengikut kawasan jelapang padi, Semenanjung Malaysia, Musim Utama 2014/2015**	**xxv**
Chart 6:	*Production of Wetland Paddy by granary area, Peninsular Malaysia, Main Season 2014/2015*	
Carta 7:	**Purata hasil Padi Sawah mengikut kawasan jelapang padi dan musim, Semenanjung Malaysia, 2011 - 2015**	**xxvi**
Chart 7:	*Average yield of Wetland Paddy by granary area and season, Peninsular Malaysia, 2011 - 2015*	
Carta 8:	**Keluasan bertanam Padi Sawah mengikut musim, Malaysia, 2011 - 2015**	**xxix**
Chart 8:	*Planted area of Wetland Paddy by season, Malaysia, 2011 - 2015*	
Carta 9:	**Purata hasil Padi Sawah mengikut musim, Malaysia, 2011 - 2015**	**xxix**
Chart 9:	*Average yield of Wetland Paddy by season, Malaysia, 2011 - 2015*	
Carta 10:	**Pengeluaran Padi Sawah mengikut musim, Malaysia, 2011 - 2015**	**xxix**
Chart 10:	*Production of Wetland Paddy by season, Malaysia, 2011 - 2015*	

SENARAI JADUAL
List of Tables

Muka Surat
Page

A. Sambutan/*Response*

Jadual A1: **Bilangan sampel (lot) yang dirancang, sambutannya serta yang dilaksana mengikut negeri, Malaysia, Musim Utama 2014/2015** **46**

Table A1: *Number of sample (lots) planned, responded and conducted by state, Malaysia, Main Season 2014/2015*

Jadual A2: **Bilangan sampel (lot) yang dirancang, sambutannya serta yang dilaksana mengikut kawasan jelapang padi, Semenanjung Malaysia, Musim Utama 2014/2015** **47**

Table A2: *Number of sample (lots) planned, responded and conducted by granary area, Peninsular Malaysia, Main Season 2014/2015*

B. Hasil, Keluasan dan Pengeluaran/*Yield, Hectareage and Production*

Jadual B1: **Purata hasil padi basah, kering dan bersih mengikut negeri, jenis kawasan dan Ralat Piawai Relatif, Malaysia, Musim Utama 2014/2015** **48**

Table B1: *Average yield of wet, dried and cleaned paddy by state, area type and Relative Standard Error, Malaysia, Main Season 2014/2015*

Jadual B2: **Purata hasil padi basah mengikut negeri, daerah dan jenis kawasan, Malaysia, Musim Utama 2014/2015** **49**

Table B2: *Average yield of wet paddy by state, district and area type, Malaysia, Main Season 2014/2015*

Jadual B3: **Purata hasil padi kering mengikut negeri, daerah dan jenis kawasan, Malaysia, Musim Utama 2014/2015** **54**

Table B3: *Average yield of dried paddy by state, district and area type, Malaysia, Main Season 2014/2015*

Jadual B4: **Purata hasil padi bersih mengikut negeri, daerah dan jenis kawasan, Malaysia, Musim Utama 2014/2015** **59**

Table B4: *Average yield of cleaned paddy by state, district and area type, Malaysia, Main Season 2014/2015*

Jadual B5: **Keluasan pasel padi dan keluasan bertanam padi mengikut negeri dan jenis kawasan, Malaysia, Musim Utama 2014/2015** **64**

Table B5: *Paddy parcel area and paddy planted area by state and area type, Malaysia, Main Season 2014/2015*

Jadual B6: **Keluasan pasel padi dan keluasan bertanam padi mengikut kawasan jelapang padi, Semenanjung Malaysia, Musim Utama 2014/2015** **65**

Table B6: *Paddy parcel area and paddy planted area by granary area, Peninsular Malaysia, Main Season 2014/2015*

Jadual B7: **Keluasan pasel padi dan keluasan bertanam padi mengikut negeri, daerah dan jenis kawasan, Malaysia, Musim Utama** **66**

Table B7: *Paddy parcel area and paddy planted area by state, district and area type, Malaysia, Main Season 2014/2015*

		Muka Surat *Page*
Jadual B8:	**Keluasan bertanam padi dan keluasan tuaian padi mengikut negeri dan jenis kawasan, Malaysia, Musim Utama 2014/2015**	**70**
Table B8:	*Paddy planted area and paddy harvested area by state and area type, Malaysia, Main Season 2014/2015*	
Jadual B9:	**Keluasan bertanam padi dan keluasan tuaian padi mengikut kawasan jelapang padi, Semenanjung Malaysia, Musim Utama 2014/2015**	**71**
Table B9:	*Paddy planted area and paddy harvested area by granary area, Peninsular Malaysia, Main Season 2014/2015*	
Jadual B10:	**Keluasan bertanam padi dan keluasan tuaian padi mengikut negeri, daerah dan jenis kawasan, Malaysia, Musim Utama 2014/2015**	**72**
Table B10:	*Paddy planted area and paddy harvested area by state, district and area type, Malaysia, Main Season 2014/2015*	
Jadual B11:	**Keluasan bertanam dan purata hasil padi basah, kering dan bersih dan Ralat Piawai Relatif mengikut negeri, Malaysia, Musim Utama 2014/2015**	**76**
Table B11:	*Planted area and average yield of wet, dried and cleaned paddy and Relative Standard Error by state, Malaysia, Main Season 2014/2015*	
Jadual B12:	**Keluasan bertanam dan purata hasil padi basah, kering dan bersih dan Ralat Piawai Relatif mengikut kawasan jelapang padi dan daerah, Semenanjung Malaysia, Musim Utama 2014/2015**	**77**
Table B12:	*Planted area and average yield of wet, dried and cleaned paddy and Relative Standard Error by granary area and district, Peninsular Malaysia, Main Season 2014/2015*	
Jadual B13:	**Keluasan bertanam dan purata hasil padi basah, kering dan bersih dan Ralat Piawai Relatif mengikut rancangan pengairan dan daerah dalam kawasan pentadbiran KADA, Musim Utama 2014/2015**	**78**
Table B13:	*Planted area and average yield of wet, dried and cleaned paddy and Relative Standard Error by irrigation scheme and district in KADA administrative area, Main Season 2014/2015*	
Jadual B14:	**Klasifikasi purata hasil padi bersih (sehektar) mengikut negeri, Semenanjung Malaysia, Musim Utama 2014/2015**	**79**
Table B14:	*Classification of average yield of cleaned paddy (per hectare) by state, Peninsular Malaysia, Main Season 2014/2015*	
Jadual B15:	**Klasifikasi purata hasil padi bersih (sehektar) mengikut kawasan jelapang padi, Semenanjung Malaysia, Musim Utama 2014/2015**	**80**
Table B15:	*Classification of average yield of cleaned paddy (per hectare) by granary area, Peninsular Malaysia, Main Season 2014/2015*	

		Muka Surat *Page*
Jadual B16:	**Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi mengikut negeri, Malaysia, Musim Utama 2014/2015**	**81**
Table B16:	*Planted area, average yield of cleaned paddy and production of paddy by state, Malaysia, Main Season 2014/2015*	
Jadual B17:	**Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi mengikut kawasan jelapang padi, Semenanjung Malaysia, Musim Utama 2014/2015**	**82**
Table B17:	*Planted area, average yield of cleaned paddy and production of paddy by granary area, Peninsular Malaysia, Main Season 2014/2015*	
Jadual B18:	**Keluasan bertanam, purata hasil padi bersih, pengeluaran padi dan beras (luar jelapang) mengikut negeri, Semenanjung Malaysia, Musim Utama 2014/2015**	**83**
Table B18:	*Planted area, average yield of cleaned paddy, production of paddy and rice (outside granary area) by state, Peninsular Malaysia, Main Season 2014/2015*	
Jadual B19:	**Keluasan pasel padi, keluasan bertanam dan faktor kepadatan penanaman mengikut negeri, Semenanjung Malaysia, Musim Utama 2014/2015**	**84**
Table B19:	*Hectarage of paddy parcel, planted area and cropping intensity factor by state, Peninsular Malaysia, Main Season 2014/2015*	
Jadual B20:	**Keluasan pasel padi, keluasan bertanam dan faktor kepadatan penanaman (luar jelapang) mengikut negeri, Semenanjung Malaysia, Musim Utama 2014/2015**	**85**
Table B20:	*Hectarage of paddy parcel, planted area and cropping intensity factor (outside granary area) by state, Peninsular Malaysia, Main Season 2014/2015*	

C. Amalan Kultura/*Farm Practices*

Jadual C1:	**Penggunaan varieti padi mengikut negeri, Semenanjung Malaysia, Musim Utama 2014/2015**	**86**
Table C1:	*Usage of paddy varieties by state, Peninsular Malaysia, Main Season 2014/2015*	
Jadual C2:	**Penggunaan varieti padi mengikut kawasan jelapang padi, Semenanjung Malaysia, Musim Utama 2014/2015**	**88**
Table C2:	*Usage of paddy varieties by granary area, Peninsular Malaysia, Main Season 2014/2015*	
Jadual C3:	**Purata hasil padi mengikut varieti padi, Semenanjung Malaysia, Musim Utama 2014/2015**	**89**
Table C3:	*Average yield of paddy by paddy variety, Peninsular Malaysia, Main Season 2014/2015*	
Jadual C4:	**Klasifikasi purata hasil padi bersih (sehektar) mengikut varieti padi, Semenanjung Malaysia, Musim Utama 2014/2015**	**90**
Table C4:	*Classification of average yield of cleaned paddy (per hectare) by paddy variety, Peninsular Malaysia, Main Season 2014/2015*	

		Muka Surat *Page*
Jadual C5:	**Kaedah menanam padi mengikut negeri dan jenis kawasan, Semenanjung Malaysia, Musim Utama 2014/2015**	**91**
Table C5:	*Paddy planting methods by state and area type, Peninsular Malaysia, Main Season 2014/2015*	
Jadual C6:	**Kaedah menanam padi mengikut kawasan jelapang padi dan jenis kawasan, Semenanjung Malaysia, Musim Utama 2014/2015**	**92**
Table C6:	*Paddy planting methods by granary area and area type, Peninsular Malaysia, Main Season 2014/2015*	
Jadual C7:	**Kadar penggunaan benih mengikut kaedah menanam padi dan negeri, Semenanjung Malaysia dan Sabah, Musim Utama 2014/2015**	**93**
Table C7:	*Seeding rate by methods of paddy planting and state, Peninsular Malaysia and Sabah, Main Season 2014/2015*	
Jadual C8:	**Kadar penggunaan benih mengikut kaedah menanam padi dan kawasan jelapang padi, Semenanjung Malaysia, Musim Utama 2014/2015**	**94**
Table C8:	*Seeding rate by methods of paddy planting and granary area, Peninsular Malaysia, Main Season 2014/2015*	
Jadual C9:	**Penggunaan mekanisasi mengikut jenis aktiviti dan negeri, Semenanjung Malaysia dan Sabah, Musim Utama 2014/2015**	**95**
Table C9:	*Mechanisation by type of activity and state, Peninsular Malaysia and Sabah, Main Season 2014/2015*	
Jadual C10:	**Penggunaan mekanisasi mengikut jenis aktiviti dan kawasan jelapang padi, Semenanjung Malaysia, Musim Utama 2014/2015**	**96**
Table C10:	*Mechanisation by type of activity and granary area, Peninsular Malaysia, Main Season 2014/2015*	
Jadual C11:	**Bilangan sampel dan purata hasil padi basah mengikut varieti padi, Sabah, Musim Utama 2014/2015**	**97**
Table C11:	*Number of samples and average yield of wet paddy by paddy variety, Sabah, Main Season 2014/2015*	
Jadual C12:	**Bilangan dan Peratus sampel menggunakan baja mengikut jenis di kawasan jelapang padi, Semenanjung Malaysia, Musim Utama 2014/2015**	**98**
Table C12:	*Number and percentage of samples using fertilizer by type granary area, Peninsular Malaysia, Main Season 2014/2015*	
Jadual C13:	**Purata penggunaan baja mengikut jenis (kg/ha) di kawasan jelapang padi, Semenanjung Malaysia, Musim Utama 2014/2015**	**99**
Table C13:	*Average fertilizer usage by type (kg/ha) granary area, Peninsular Malaysia, Main Season 2014/2015*	

		Muka Surat *Page*
Jadual C14:	**Purata masa pemberian baja mengikut jenis (HLT) di kawasan jelapang padi, Semenanjung Malaysia, Musim Utama 2014/2015**	**100**
Table C14:	*Average time of fertilizer given by type (DAS) granary area, Peninsular Malaysia, main Season 2014/2015*	
Jadual C15:	**Purata penggunaan nutrien utama mengikut kawasan jelapang padi, Semenanjung Malaysia, Musim Utama 2014/2015**	**101**
Table C15:	*Average major nutrients usage by granary area, Peninsular Malaysia, Main Season 2014/2015*	
	D. Ujian Pengeringan/*Driage Tests*	
Jadual D1:	**Sambutan ujian pengeringan mengikut negeri dan stesen pengeringan, Semenanjung Malaysia, Musim Utama 2014/2015**	**102**
Table D1:	*Response of driage tests by state and driage station, Peninsular Malaysia, Main Season 2014/2015*	
Jadual D2:	**Ujian pengeringan - Berat sampel padi basah, padi kering dan padi bersih mengikut negeri, Semenanjung Malaysia, Musim Utama 2014/2015**	**103**
Table D2:	*Driage tests - Sample weights of wet paddy, dried paddy and cleaned paddy by state, Peninsular Malaysia, Main Season 2014/2015*	
Jadual D3:	**Ujian pengeringan - Berat sampel padi basah, padi kering dan padi bersih mengikut kawasan jelapang padi, Semenanjung Malaysia, Musim Utama 2014/2015**	**104**
Table D3:	*Driage tests - Sample weights of wet paddy, dried paddy and cleaned paddy by granary area, Peninsular Malaysia, Main Season 2014/2015*	
Jadual D4:	**Ujian pengeringan - Berat sampel padi basah, padi kering dan padi bersih mengikut varieti padi, Semenanjung Malaysia, Musim Utama 2014/2015**	**105**
Table D4:	*Driage tests - Sample weights of wet paddy, dried paddy and cleaned paddy by paddy variety, Peninsular Malaysia, Main Season 2014/2015*	
Jadual D5:	**Faktor penukaran daripada purata hasil padi basah kepada purata hasil padi kering dan purata hasil padi bersih mengikut kelas padi, Semenanjung Malaysia, Musim Utama 2014/2015**	**106**
Table D5:	*Conversion factor from average yield of wet paddy to average yield of dried paddy and average yield of cleaned paddy by paddy class, Peninsular Malaysia, Main Season 2014/2015*	

SENARAI LAMPIRAN

List of Appendices

		Muka Surat *Page*
Lampiran 1:	**Keluasan bertanam, purata hasil padi bersih dan pengeluaran Padi Sawah dan Padi Huma (tanah tinggi dan tanah rendah) mengikut negeri, Malaysia, Musim Utama 2014/2015**	**109**
Appendix 1:	*Planted area, average yield of cleaned paddy and paddy production of Wetland Paddy and Dryland Paddy (upland and lowland) by state, Malaysia, Main Season 2014/2015*	
Lampiran 2:	**Keluasan bertanam, purata hasil padi bersih dan pengeluaran keseluruhan padi (Padi Sawah dan Padi Huma) mengikut negeri dan musim, Malaysia, 2014**	**110**
Appendix 2:	*Planted area, average yield of cleaned paddy and overall paddy production (Wetland Paddy and Dryland Paddy) by state and season, Malaysia, 2014*	
Lampiran 3:	**Keluasan bertanam, purata hasil padi bersih dan pengeluaran Padi Sawah mengikut negeri dan musim, Malaysia, 2014**	**111**
Appendix 3:	*Planted area, average yield of cleaned paddy and production of Wetland Paddy by state and season, Malaysia, 2014*	
Lampiran 4:	**Keluasan bertanam, purata hasil padi bersih dan pengeluaran Padi Huma (tanah tinggi dan tanah rendah) mengikut negeri dan musim, Malaysia, 2014**	**112**
Appendix 4:	*Planted area, average yield of cleaned paddy and production of Dryland Paddy (upland and lowland) by state and season, Malaysia, 2014*	
Lampiran 5:	**Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran keseluruhan padi (Padi Sawah dan Padi Huma), Malaysia, 2005 - 2015**	**113**
Appendix 5:	*Time series data - Planted area, average yield of cleaned paddy and overall paddy production (Wetland Paddy and Dryland Paddy), Malaysia, 2005 - 2015*	
Lampiran 6:	**Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran Padi Sawah, Malaysia, 2005 - 2015**	**114**
Appendix 6:	*Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy, Malaysia, 2005 - 2015*	
Lampiran 7:	**Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran Padi Huma (tanah tinggi dan tanah rendah), Malaysia, 2005 - 2015**	**115**
Appendix 7:	*Time series data - Planted area, average yield of cleaned paddy and production of Dryland Paddy (upland and lowland), Malaysia, 2005 - 2015*	
Lampiran 8:	**Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi huma (tanah tinggi dan tanah rendah), Sabah, 2005 - 2015**	**114**
Appendix 8:	*Time series data - Planted area, average yield of cleaned paddy and production of Dryland Paddy (upland and lowland), Sabah 2005 - 2015*	

Muka Surat
Page

Lampiran 9: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi huma (tanah tinggi dan tanah rendah), Sarawak, 2005 - 2015** **117**

Appendix 9: *Time series data - Planted area, average yield of cleaned paddy and production of Dryland Paddy (upland and lowland), Sarawak 2005 - 2015*

Lampiran 10: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi untuk keseluruhan kawasan jelapang padi, Semenanjung Malaysia, 2005 - 2015** **118**

Appendix 10: *Time series data - Planted area, average yield of cleaned paddy and paddy production for overall granary area, Peninsular Malaysia, 2005 - 2015*

Lampiran 11: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi untuk kawasan jelapang padi, MADA, 2005 - 2015** **119**

Appendix 11: *Time series data - Planted area, average yield of cleaned paddy and paddy production for granary area, MADA, 2005 - 2015*

Lampiran 12: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi untuk kawasan jelapang padi, KADA, 2005 - 2015** **120**

Appendix 12: *Time series data - Planted area, average yield of cleaned paddy and paddy production for granary area, KADA, 2005- 2015*

Lampiran 13: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi untuk kawasan jelapang padi, IADA Kerian, 2005 - 2015** **121**

Appendix 13: *Time series data - Planted area, average yield of cleaned paddy and paddy production for granary area, IADA Kerian, 2005 - 2015*

Lampiran 14: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi untuk kawasan jelapang padi, IADA BLS, 2005 - 2015** **122**

Appendix 14: *Time series data - Planted area, average yield of cleaned paddy and paddy production for granary area, IADA BLS, 2005 - 2015*

Lampiran 15: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi untuk kawasan jelapang padi, IADA P. Pinang, 2005 - 2015** **123**

Appendix 15: *Time series data - Planted area, average yield of cleaned paddy and paddy production for granary area, IADA P. Pinang, 2005 - 2015*

Lampiran 16: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi untuk kawasan jelapang padi, IADA Seberang Perak, 2005 - 2015** **124**

Appendix 16: *Time series data - Planted area, average yield of cleaned paddy and paddy production for granary area, IADA Seberang Perak, 2005 - 2015*

Muka Surat
Page

Lampiran 17: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi untuk kawasan jelapang padi, IADA KETARA, 2005 - 2015** **125**

Appendix 17: *Time series data - Planted area, average yield of cleaned paddy and paddy production for granary area, IADA KETARA, 2005 - 2015*

Lampiran 18: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi untuk kawasan jelapang padi, IADA Kemasin Semerak, 2005 - 2015** **126**

Appendix 18: *Time series data - Planted area, average yield of cleaned paddy and paddy production for granary area, IADA Kemasin Semerak, 2005 - 2015*

Lampiran 19: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi untuk kawasan jelapang padi, IADA Pekan, 2005 - 2015** **127**

Appendix 19: *Time series data - Planted area, average yield of cleaned paddy and paddy production for granary area, IADA Pekan, 2005 - 2015*

Lampiran 20: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi untuk kawasan jelapang padi, IADA Rompin, 2005 - 2015** **128**

Appendix 20: *Time series data - Planted area, average yield of cleaned paddy and paddy production for granary area, IADA Rompin, 2005 - 2015*

Lampiran 21: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah, Semenanjung Malaysia, 2005 - 2015** **129**

Appendix 21: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy, Peninsular Malaysia, 2005 - 2015*

Lampiran 22: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah bagi negeri Johor, 2005 - 2015** **130**

Appendix 22: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy for state of Johor, 2005 - 2015*

Lampiran 23: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah bagi negeri Kedah, 2005 - 2015** **131**

Appendix 23: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy for state of Kedah, 2005 - 2015*

Lampiran 24: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah bagi negeri Kelantan, 2005 - 2015** **132**

Appendix 24: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy for state of Kelantan, 2005 - 2015*

Lampiran 25: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah bagi negeri Melaka, 2005 - 2015** **133**

Appendix 25: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy for state of Melaka, 2005 - 2015*

Muka Surat
Page

Lampiran 26: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah bagi negeri Negeri Sembilan, 2005 - 2015** **134**

Appendix 26: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy for state of Negeri Sembilan, 2005 - 2015*

Lampiran 27: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah bagi negeri Pahang, 2005 - 2015** **135**

Appendix 27: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy for state of Pahang, 2005 - 2015*

Lampiran 28: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah bagi negeri Perak, 2005 - 2015** **136**

Appendix 28: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy for state of Perak, 2005 - 2015*

Lampiran 29: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah bagi negeri Perlis, 2005 - 2015** **137**

Appendix 29: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy for state of Perlis, 2005 - 2015*

Lampiran 30: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah bagi negeri Pulau Pinang, 2005 - 2015** **138**

Appendix 30: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy for state of Pulau Pinang, 2005 - 2015*

Lampiran 31: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah bagi negeri Selangor, 2005 - 2015** **139**

Appendix 31: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy for state of Selangor, 2005 - 2015*

Lampiran 32: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah bagi negeri Terengganu, 2005 - 2015** **140**

Appendix 32: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy for state of Terengganu, 2005 - 2015*

Lampiran 33: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah (luar jelapang), Semenanjung Malaysia, 2005 - 2015** **141**

Appendix 33: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy (outside granary area), Peninsular Malaysia, 2005 - 2015*

Lampiran 34: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah (luar jelapang) bagi negeri Johor, 2005 - 2015** **142**

Appendix 34: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy (outside granary area) for state of Johor, 2005 - 2015*

Muka Surat
Page

Lampiran 35: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah (luar jelapang) bagi negeri Kedah, 2005 - 2015** **143**

Appendix 35: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy (outside granary area) for state of Kedah, 2005 - 2015*

Lampiran 36: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah (luar jelapang) bagi negeri Kelantan, 2005 - 2015** **144**

Appendix 36: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy (outside granary area) for state of Kelantan, 2005 - 2015*

Lampiran 37: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah (luar jelapang) bagi negeri Melaka, 2005 - 2015** **145**

Appendix 37: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy (outside granary area) for state of Melaka, 2005 - 2015*

Lampiran 38: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah (luar jelapang) bagi negeri Negeri Sembilan, 2005 - 2015** **146**

Appendix 38: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy (outside granary area) for state of Negeri Sembilan, 2005 - 2015*

Lampiran 39: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah (luar jelapang) bagi negeri Pahang, 2005 - 2015** **147**

Appendix 39: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy (outside granary area) for state of Pahang, 2005 - 2015*

Lampiran 40: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah (luar jelapang) bagi negeri Perak, 2005 - 2015** **148**

Appendix 40: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy (outside granary area) for state of Perak, 2005 - 2015*

Lampiran 41: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah (luar jelapang) bagi negeri Perlis, 2005 - 2015** **149**

Appendix 41: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy (outside granary area) for state of Perlis, 2005 - 2015*

Muka Surat
Page

Lampiran 42: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah (luar jelapang) bagi negeri Pulau Pinang, 2005 - 2015** **150**

Appendix 42: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy (outside granary area) for state of Pulau Pinang, 2005 - 2015*

Lampiran 43: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah (luar jelapang) bagi negeri Selangor, 2005 - 2015** **151**

Appendix 43: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy (outside granary area) for state of Selangor, 2005 - 2015*

Lampiran 44: **Data Siri Masa - Keluasan bertanam, purata hasil padi bersih dan pengeluaran padi sawah (luar jelapang) bagi negeri Terengganu, 2005 - 2015** **152**

Appendix 44: *Time series data - Planted area, average yield of cleaned paddy and production of wetland paddy (outside granary area) for state of Terengganu, 2005 - 2015*

Lampiran 45: **Data Siri Masa - Keluasan pasel dan keluasan bertanam padi sawah (hektar) mengikut negeri, Semenanjung Malaysia, Musim Utama 2005 - 2015** **153**

Appendix 45: *Time series data - Parcel and planted areas for wetland paddy (hectare) by state, Peninsular Malaysia, Main Season 2005 - 2015*

Lampiran 46: **Data Siri Masa - Keluasan pasel dan keluasan bertanam padi sawah (hektar) mengikut kawasan jelapang padi, Semenanjung Malaysia, Musim Utama 2005 - 2015** **154**

Appendix 46: *Time series data - Parcel and planted areas for wetland paddy (hectare) by granary area, Peninsular Malaysia, Main Season 2005 - 2015*

Lampiran 47: **Penggunaan varieti padi mengikut musim utama, Semenanjung Malaysia, 2011 - 2015** **155**

Appendix 47: *Usage pf paddy varieties by Main Season, Peninsular Malaysia, 2011 - 2015*

Lampiran 48: **Aliran faktor padi kering dan padi bersih serta peratus hampa mengikut negeri dan musim utama, Malaysia, 2012 - 2015** **156**

Appendix 48: *Trend factors of dried paddy and cleaned paddy and percentage of unfilled grain by state and Main Season, Malaysia, 2012 - 2015*

Lampiran 49: **Aliran faktor padi kering dan padi bersih serta peratus hampa mengikut kawasan jelapang padi dan musim utama, Semenanjung Malaysia, 2012 - 2015** **157**

Appendix 49: *Trend factors of dried paddy and cleaned paddy and percentage of unfilled grain by granary area and Main Season, Peninsular Malaysia, 2012 - 2015*

Lampiran 50: **Insiden serangan penyakit dan perosak, bencana, rumpai serta padi rebah di lokasi persampelan mengikut negeri, Semenanjung Malaysia dan Sabah, Musim Utama 2014/2015** **158**

Appendix 50: *Location of sample Incidents of Pest and diseases, Disaster, Weeds and Lodge by state, Peninsular Malaysia and Sabah, Main Season 2014/2015*

Lampiran 51: **Insiden serangan penyakit dan perosak, bencana, rumpai serta padi rebah di lokasi persampelan mengikut kawasan jelapang padi, Semenanjung Malaysia , Musim Utama 2014/2015** **159**

Appendix 51: *Location of sample Incidents of Pest and diseases, Disaster, Weeds and Lodge by granary area, Peninsular Malaysia, Main Season 2014/2015*

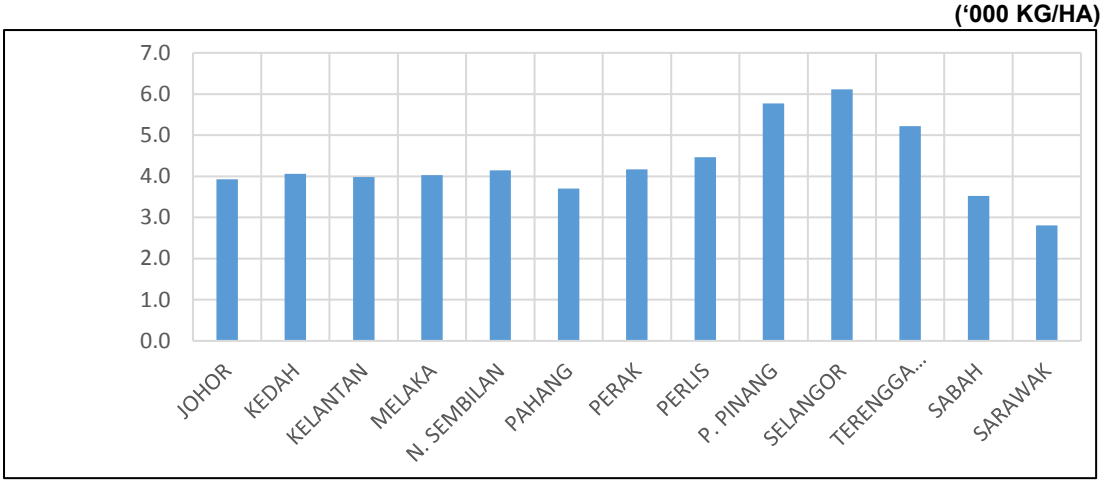
CARTA-CARTA

Charts

CARTA 1: PURATA HASIL PADI SAWAH MENGIKUT NEGERI, MALAYSIA, MUSIM UTAMA 2014/2015

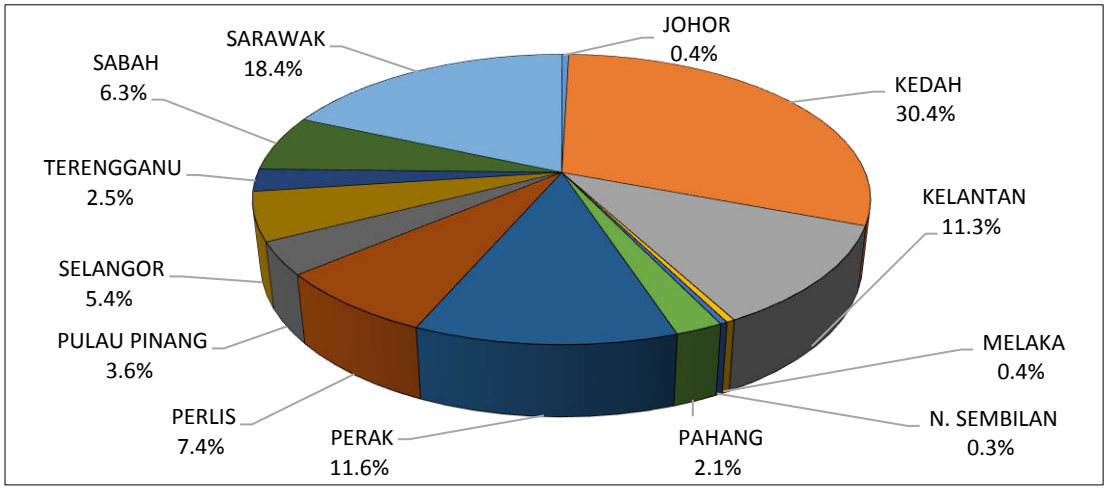
Chart 1: Average yield of Wetland Paddy by state, Malaysia, Main Season 2014/2015

('000 KG/HA)



CARTA 2: KELUASAN BERTANAM PADI SAWAH MENGIKUT NEGERI, MALAYSIA, MUSIM UTAMA 2014/2015

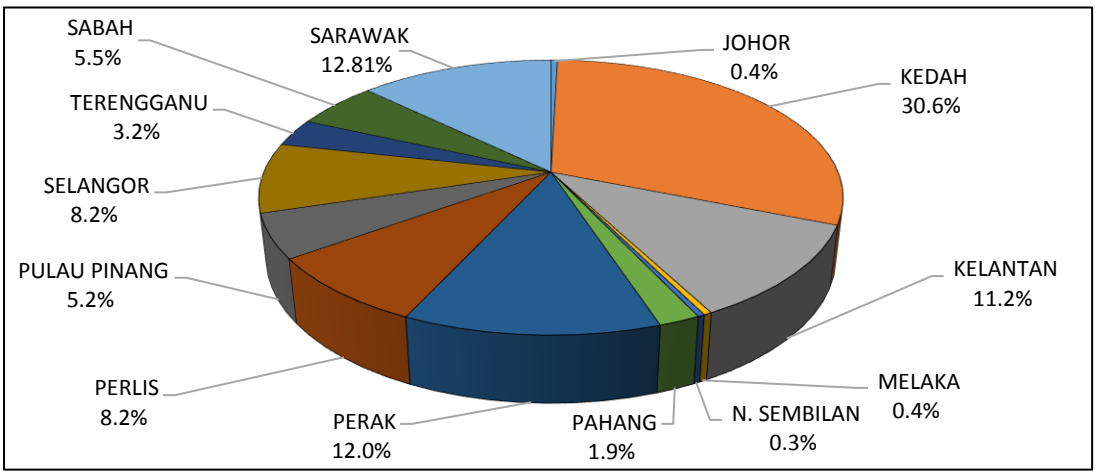
Chart 2: Planted area of Wetland Paddy by state, Malaysia, Main Season 2014/2015



Catatan: Jumlah keluasan bertanam 353,201 **ha**
Note: Total planted area 353,201 ha

CARTA 3: PENGELUARAN PADI SAWAH MENGIKUT NEGERI, MALAYSIA, MUSIM UTAMA 2014/2015

Chart 3: Production of Wetland Paddy by state, Malaysia, Main Season 2014/2015

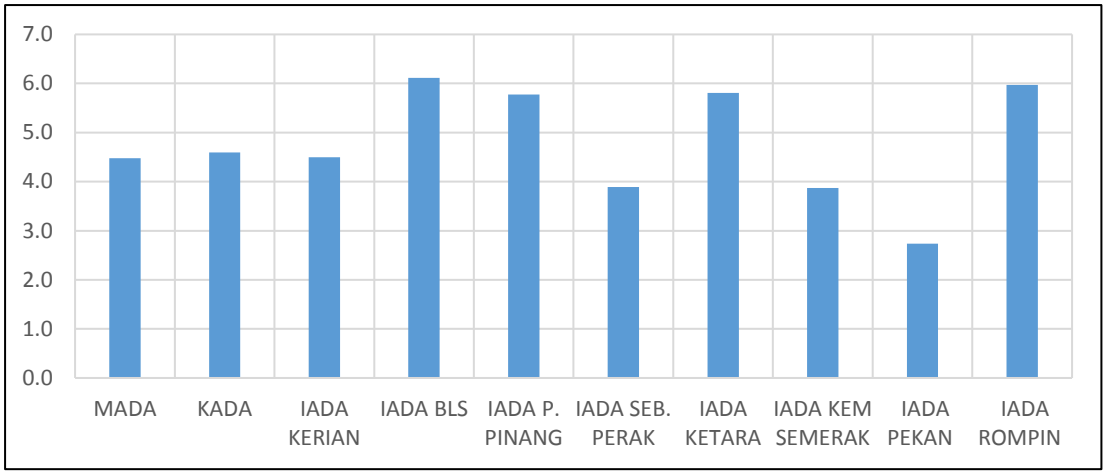


Catatan: Jumlah pengeluaran 1,422,095 tan metrik
Note: Total production 1,422,095 metric tonnes

CARTA 4: PURATA HASIL PADI SAWAH MENGIKUT KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

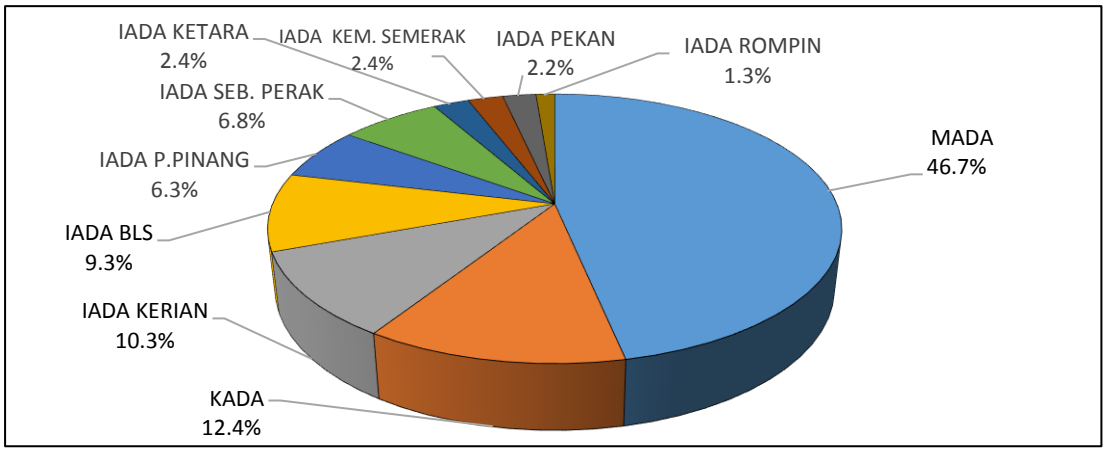
Chart 4: Average yield of Wetland Paddy by granary area, Peninsular Malaysia, Main Season 2014/2015

('000 KG/HA)



CARTA 5: KELUASAN BERTANAM PADI SAWAH MENGIKUT KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Chart 5: Planted area of Wetland Paddy by granary area, Peninsular Malaysia, Main Season 2014/2015

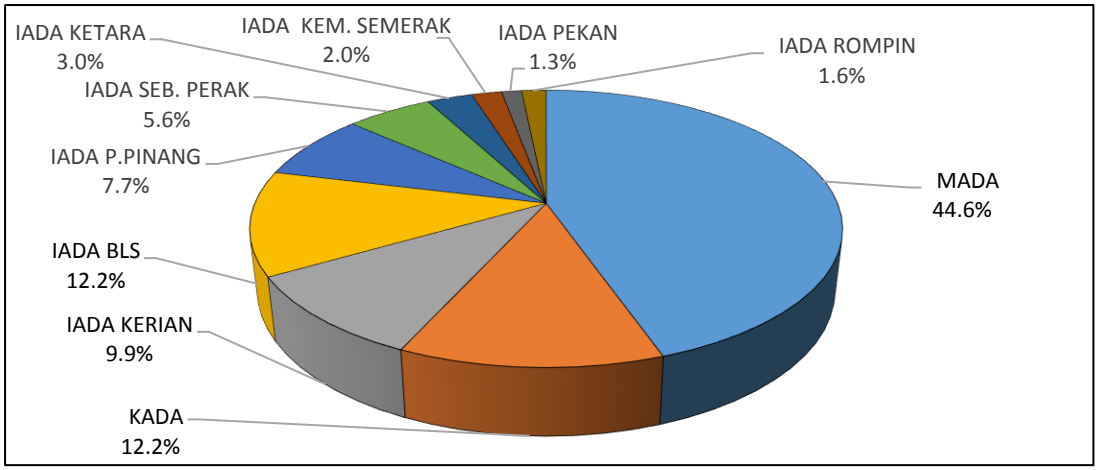


Catatan: Jumlah keluasan bertanam 204,178 ha

*Note: Total planted area **204,178** ha*

CARTA 6: PENGELUARAN PADI SAWAH MENGIKUT KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Chart 6: Production of Wetland Paddy by granary area, Peninsular Malaysia, Main Season 2014/2015



Catatan: Jumlah pengeluaran 957,084 tan metrik

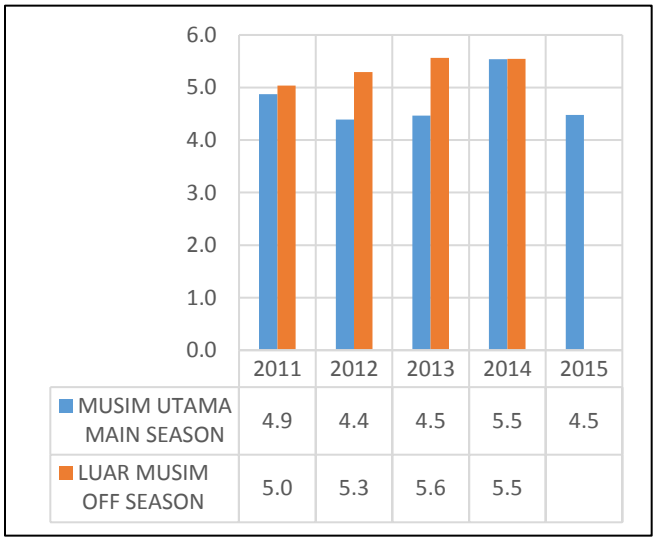
*Note: Total production **957,084** metric tonnes*

CARTA 7: PURATA HASIL PADI SAWAH MENGIKUT KAWASAN JELAPANG PADI DAN MUSIM, SEMENANJUNG MALAYSIA, 2011 - 2015

Chart10: Average yield of Wetland Paddy by granary area and season, Peninsular Malaysia, 2011 – 2015

MADA

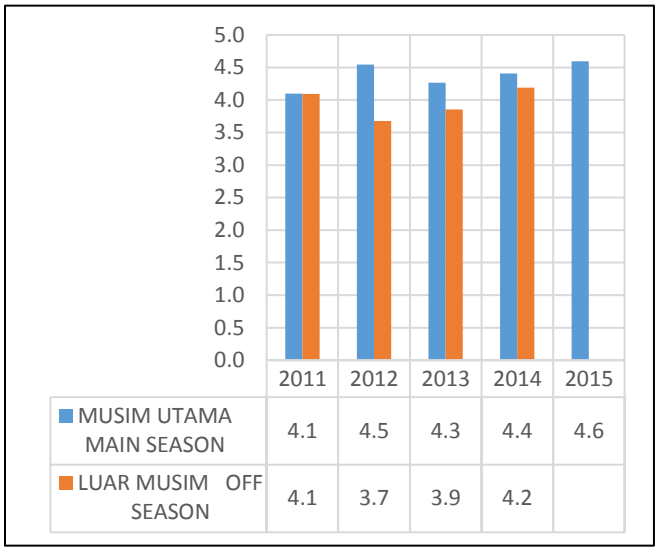
('000 KG/HA)



	2011	2012	2013	2014	2015
MUSIM UTAMA MAIN SEASON	4.9	4.4	4.5	5.5	4.5
LUAR MUSIM OFF SEASON	5.0	5.3	5.6	5.5	

KADA

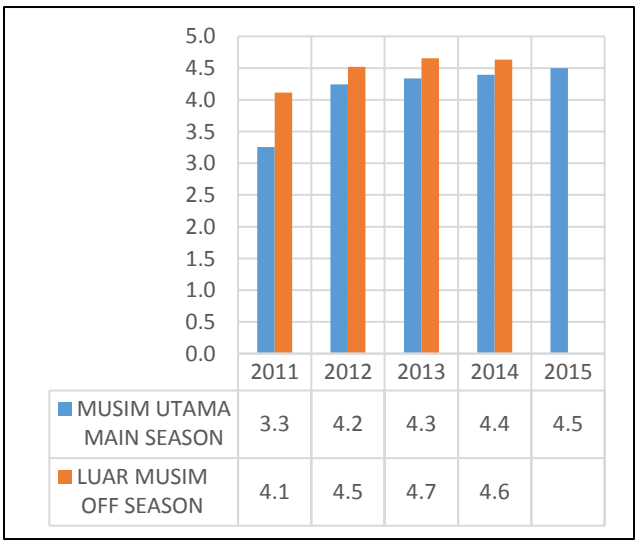
('000 KG/HA)



	2011	2012	2013	2014	2015
MUSIM UTAMA MAIN SEASON	4.1	4.5	4.3	4.4	4.6
LUAR MUSIM OFF SEASON	4.1	3.7	3.9	4.2	

IADA KERIAN

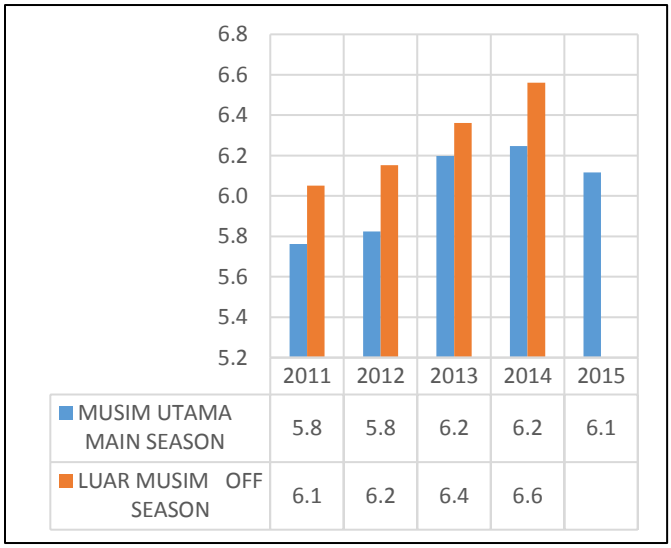
('000 KG/HA)



	2011	2012	2013	2014	2015
MUSIM UTAMA MAIN SEASON	3.3	4.2	4.3	4.4	4.5
LUAR MUSIM OFF SEASON	4.1	4.5	4.7	4.6	

IADA BLS

('000 KG/HA)



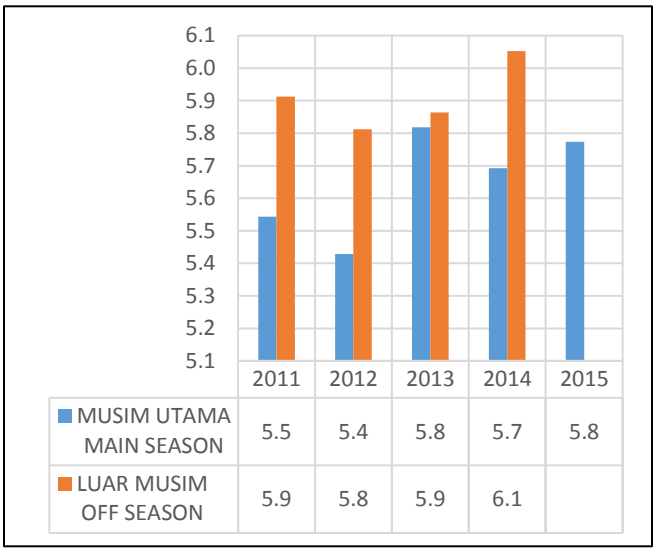
	2011	2012	2013	2014	2015
MUSIM UTAMA MAIN SEASON	5.8	5.8	6.2	6.2	6.1
LUAR MUSIM OFF SEASON	6.1	6.2	6.4	6.6	

CARTA 7: PURATA HASIL PADI SAWAH MENGIKUT KAWASAN JELAPANG PADI DAN MUSIM, SEMENANJUNG MALAYSIA, 2011 – 2015 (SAMB.)

Chart 10: Average yield of Wetland Paddy by granary area and season, Peninsular Malaysia, 2011 – 2015 (cont'd.)

IADA P. PINANG

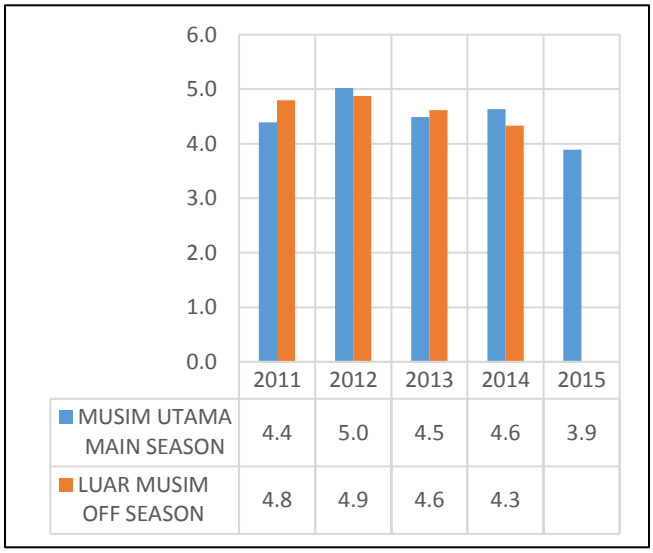
('000 KG/HA)



	2011	2012	2013	2014	2015
MUSIM UTAMA MAIN SEASON	5.5	5.4	5.8	5.7	5.8
LUAR MUSIM OFF SEASON	5.9	5.8	5.9	6.1	

IADA SEBERANG PERAK

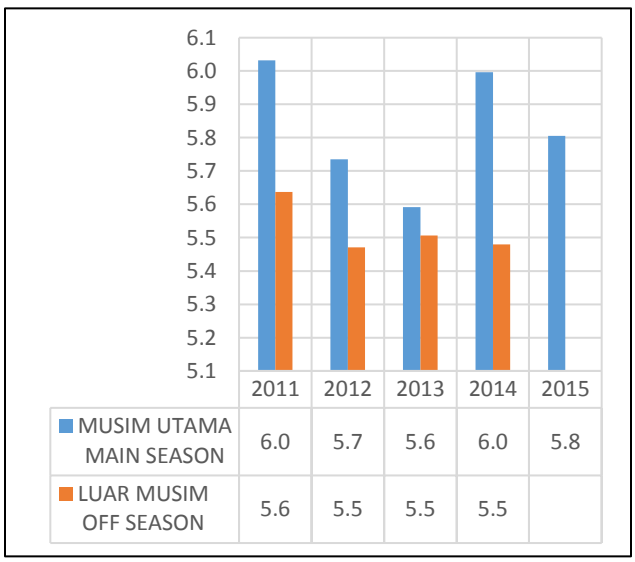
('000 KG/HA)



	2011	2012	2013	2014	2015
MUSIM UTAMA MAIN SEASON	4.4	5.0	4.5	4.6	3.9
LUAR MUSIM OFF SEASON	4.8	4.9	4.6	4.3	

IADA KETARA

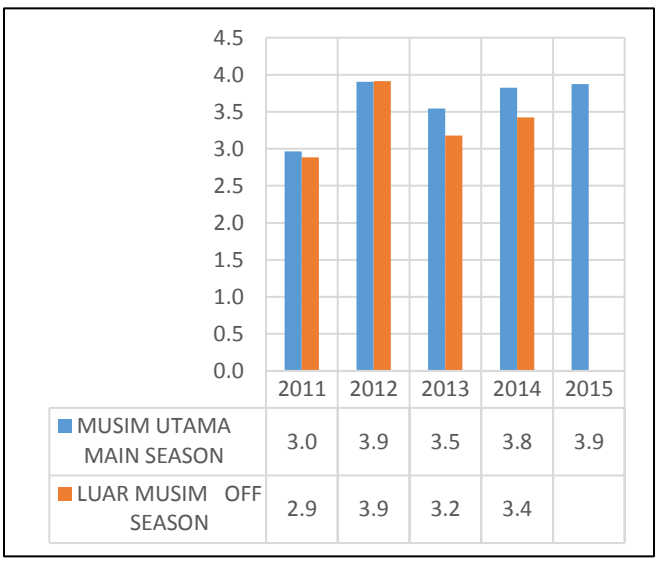
('000 KG/HA)



	2011	2012	2013	2014	2015
MUSIM UTAMA MAIN SEASON	6.0	5.7	5.6	6.0	5.8
LUAR MUSIM OFF SEASON	5.6	5.5	5.5	5.5	

IADA KEMASIN SEMERAK

('000 KG/HA)



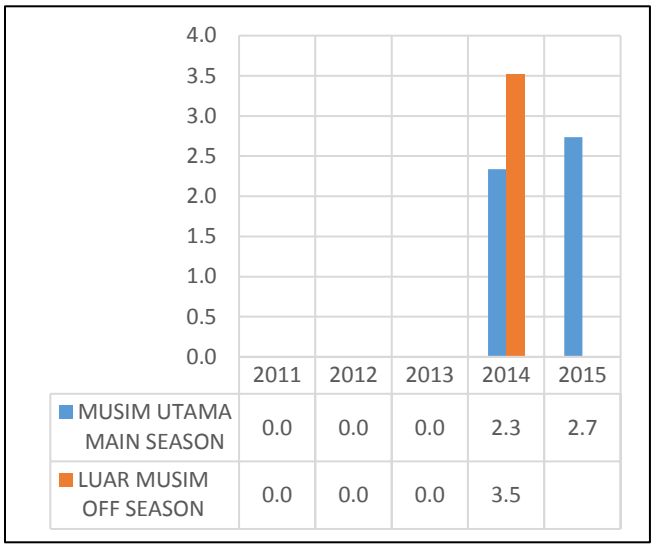
	2011	2012	2013	2014	2015
MUSIM UTAMA MAIN SEASON	3.0	3.9	3.5	3.8	3.9
LUAR MUSIM OFF SEASON	2.9	3.9	3.2	3.4	

CARTA 7: PURATA HASIL PADI SAWAH MENGIKUT KAWASAN JELAPANG PADI DAN MUSIM, SEMENANJUNG MALAYSIA, 2011 – 2015 (SAMB.)

Chart 10: Average yield of Wetland Paddy by granary area and season, Peninsular Malaysia, 2011 – 2015 (cont'd.)

IADA PEKAN

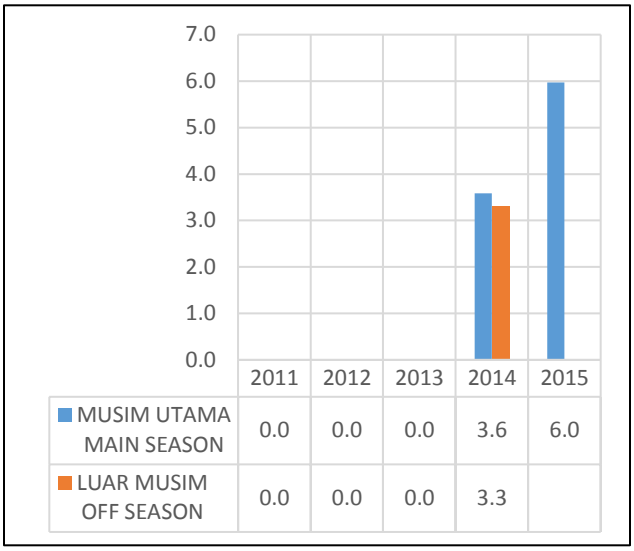
('000 KG/HA)



	2011	2012	2013	2014	2015
MUSIM UTAMA MAIN SEASON	0.0	0.0	0.0	2.3	2.7
LUAR MUSIM OFF SEASON	0.0	0.0	0.0	3.5	

IADA ROMPIN

('000 KG/HA)

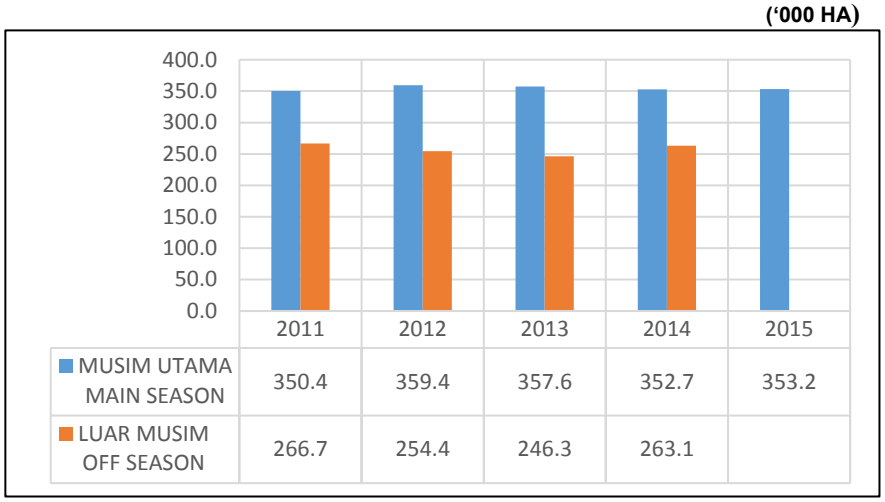


	2011	2012	2013	2014	2015
MUSIM UTAMA MAIN SEASON	0.0	0.0	0.0	3.6	6.0
LUAR MUSIM OFF SEASON	0.0	0.0	0.0	3.3	

CARTA 8: KELUASAN BERTANAM PADI SAWAH MENGIKUT MUSIM, MALAYSIA, 2011 – 2015

Chart 7: Planted Area of Wetland Paddy by season, Malaysia, 2011 – 2015

('000 HA)

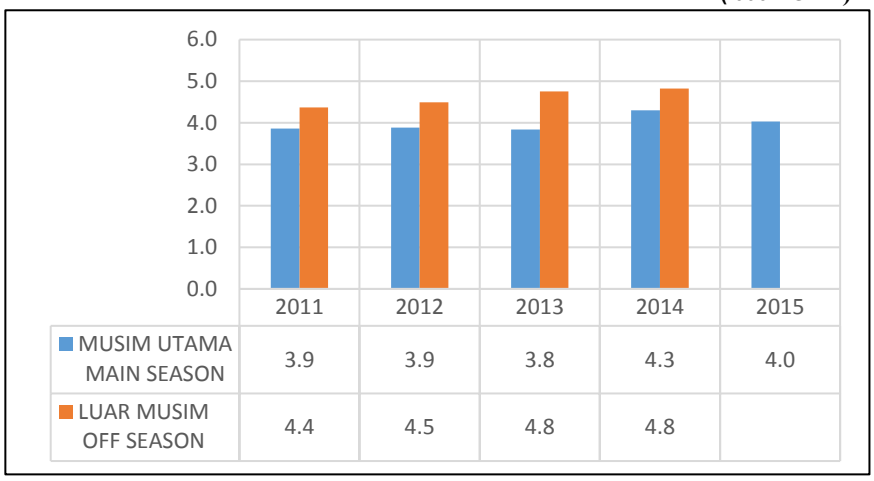


	2011	2012	2013	2014	2015
MUSIM UTAMA MAIN SEASON	350.4	359.4	357.6	352.7	353.2
LUAR MUSIM OFF SEASON	266.7	254.4	246.3	263.1	

CARTA 9: PURATA HASIL PADI SAWAH MENGIKUT MUSIM, MALAYSIA, 2011 - 2015

Chart 8: Average Yield of Wetland Paddy by season, Malaysia, 2011 - 2015

('000 KG/HA)

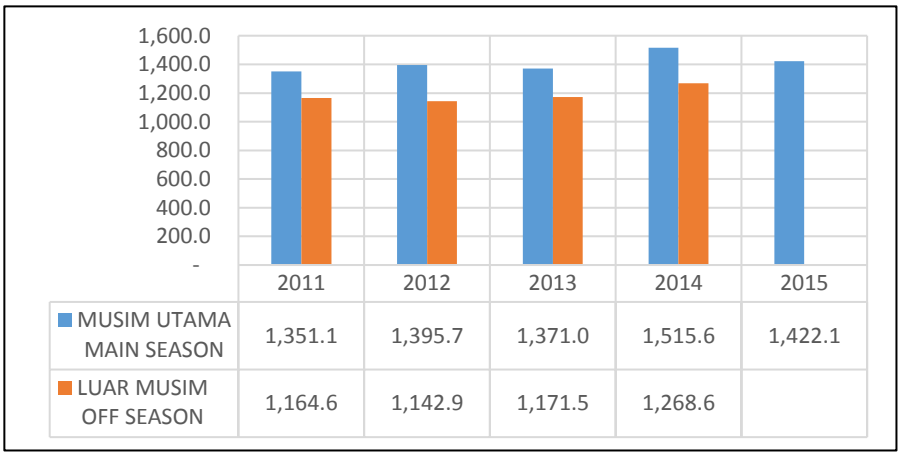


	2011	2012	2013	2014	2015
MUSIM UTAMA MAIN SEASON	3.9	3.9	3.8	4.3	4.0
LUAR MUSIM OFF SEASON	4.4	4.5	4.8	4.8	

CARTA 10: PENGELUARAN PADI SAWAH MENGIKUT MUSIM, MALAYSIA, 2011 - 2015

Chart 9: Production of Wetland Paddy by season, Malaysia, 2011 - 2015

('000 TAN METRIK)



	2011	2012	2013	2014	2015
MUSIM UTAMA MAIN SEASON	1,351.1	1,395.7	1,371.0	1,515.6	1,422.1
LUAR MUSIM OFF SEASON	1,164.6	1,142.9	1,171.5	1,268.6	

CATATAN

Notes

Catatan I: Catatan bagi jadual-jadual Penyiasatan Hasil (Jadual B1, B2, B3 dan B4)

1. Maksud simbol-simbol yang digunakan dalam jadual-jadual adalah seperti berikut:-

   (a) Sampel tidak cukup untuk dibuat analisis
   (b) Hasil didapati daripada luar skim pengairan sahaja
   (c) Hasil didapati daripada skim pengairan sahaja
   (d) Sampel tidak dipilih
   (e) Sampel tiada sambutan
   (-) Tidak diusahakan/tidak bertanam/tiada kawasan padi

2. Untuk mendapatkan purata hasil padi kering dan bersih, purata hasil padi basah dalam kg/ha didarabkan dengan faktor-faktor yang berkaitan bagi pelbagai kategori seperti berikut:-

   (a) Negeri mengguna faktor di Jadual D2 (ruangan 4 dan 7, muka surat 103)
   (b) Kawasan jelapang padi mengguna faktor di Jadual D3 (ruangan 4 dan 7, muka surat 104)
   (c) Varieti padi mengguna faktor di Jadual D4 (ruangan 4 dan 7, muka surat 105)
   (d) Kelas padi mengguna faktor di Jadual D5 (muka surat 106)

Catatan II: Catatan bagi jadual-jadual Penyiasatan Keluasan Aktiviti Tanaman Padi (Jadual B5, B6 dan B7)

1. Maksud simbol-simbol adalah seperti berikut:-

   0 Kawasan tidak bertanam padi
   - Tiada kawasan padi

2. KADA – Kawasan luar skim pengairan tetapi dibawah pentadbiran KADA telah dikeluarkan daripada kawasan jelapang padi KADA.

Notes I: Notes for the Yield Survey tables
(Tables B1, B2, B3 and B4)

1. The meaning of the symbols used in the tables are as follows:-

(a) Not enough samples for analysis
(b) Yield is obtained from outside irrigation schemes only
(c) Yield is obtained from irrigation schemes only
(d) Sample is not selected
(e) Sample is non - response
(-) Not operated/not planted/no paddy areas

2. To obtain the average yield of dried and cleaned paddy, the average yield of wet paddy in kg/ha is multiplied with the relevant factors at various categories as follows:-

(a) States use factors listed in Table D2 (columns 4 and 7, page 103)
(b) Granary areas use factors listed in Table D3 (columns 4 and 7, page 104)
(c) Paddy varieties use factors listed in Table D4 (columns 4 and 7, page 105)
(d) Paddy class uses factors listed in Table D5 (page 106)

Notes II: Notes for the Paddy Cultivation Activity Area Survey tables
(Tables B5, B6, and B7)

1. The meaning of the symbols are as follows:-

0 Area is not planted with paddy
- No paddy areas

2. KADA - The hectarages outside irrigation schemes but under the KADA administration are excluded from the KADA granary areas.

CATATAN III: SENARAI VARIETI PADI YANG DIIKTIRAF OLEH MARDI SERTA TAHUN DIISYTIHAR DAN KELAS PADI

Notes III: List of paddy varieties recognized by MARDI and the year of release and paddy class

(A) Dilaporkan bertanam di Semenanjung Malaysia, Musim Utama 2014/2015
Reported planted in Peninsular Malaysia, Main Season 2014/2015

Bil. *No.*	Varieti *Varieties*	Tahun diisytihar *Year of release*	Kelas Padi *Paddy class*
(1)	(2)	(3)	(4)
1	MR 219	2001	Panjang *Long*
2	MR 220	2003	Panjang Long
3	MRQ 74	2005	Panjang *Long*
4	MR 220 CL1	2010	Panjang Long
5	MR 220 CL2	2010	Panjang *Long*
6	MR 263	2010	Panjang *Long*
7	MR 269	2012	Panjang *Long*
8	MRQ 76	2012	Panjang *Long*

(B) Dilaporkan tidak bertanam di Semenanjung Malaysia, Musim Utama 2014/2015
Reported not planted in Peninsular Malaysia, Main Season 2014/2015

Bil. *No.*	Varieti *Varieties*	Tahun diisytihar *Year of release*	Kelas Padi *Paddy class*
(1)	(2)	(3)	(4)
1	MALINJA	1964	Panjang *Long*
2	MAHSURI	1965	Sederhana *Medium*
3	RIA	1966	Panjang *Long*
4	BAHAGIA	1968	Panjang *Long*
5	MURNI	1972	Panjang *Long*
6	JAYA	1973	Panjang *Long*
7	SRI MALAYSIA I	1974	Sederhana *Medium*
8	SRI MALAYSIA II	1974	Panjang *Long*
9	SETANJUNG/MR 1	1979	Panjang *Long*
10	MR 7/RTC/SEKENCHANG	1979	Panjang *Long*
11	KADARIA/MR 27	1981	Sederhana *Medium*
12	MR 52	1984	Panjang *Long*
13	MR 71	1984	Panjang *Long*
14	MR 77	1984	Panjang *Long*
15	MAKMUR/MR 73	1985	Panjang

CATATAN III: SENARAI VARIETI PADI YANG DIIKTIRAF
OLEH MARDI SERTA TAHUN DIISYTIHAR DAN KELAS PADI (SAMB.)
Notes III: List of paddy varieties recognized by MARDI
and the year of release and paddy class (cont'd.)

(B) Dilaporkan tidak bertanam di Semenanjung Malaysia, Musim Utama 2014/2015
Reported not planted in Peninsular Malaysia, Main Season 2014/2015

Bil. *No.*	**Varieti** *Varieties*	**Tahun diisytihar** *Year of release*	**Kelas Padi** *Paddy class*
(1)	(2)	(3)	(4)
16	**MR 84**	**1986**	**Panjang** ***Long***
17	**MR 81**	**1988**	**Sederhana** ***Medium***
18	**MR 103**	**1990**	**Panjang** ***Long***
19	**MR 106**	**1990**	**Panjang** ***Long***
20	**MR 123**	**1991**	**Panjang** ***Long***
21	**MR 127**	**1991**	**Panjang** ***Long***
22	**MR 159**	**1995**	**Sederhana** ***Medium***
23	**MR 167**	**1995**	**Panjang** ***Long***
24	**MR 185**	**1997**	**Panjang** ***Long***
25	**MR 211**	**1999**	**Panjang** ***Long***
26	**MRQ 50**	**1999**	**Panjang** ***Long***
27	**MR 232**	**2006**	**Panjang** ***Long***
28	**MR 253**	**2010**	**Panjang** ***Long***
29	**MARDI 284**	**2015**	**Panjang**

OBJEKTIF, LIPUTAN, SKOP DAN METODOLOGI

OBJEKTIF, LIPUTAN, SKOP DAN METODOLOGI

1. OBJEKTIF

Objektif utama Penyiasatan Pengeluaran Padi (PPP) ialah untuk mengutip data padi dengan menggunakan kaedah-kaedah pensampelan kebarangkalian dan ukuran-ukuran objektif bagi mendapatkan anggaran hasil, keluasan bertanam dan pengeluaran padi untuk setiap musim. Anggaran ini dikeluarkan di peringkat daerah, negeri dan juga kawasan jelapang padi. Objektif lain penyiasatan ini adalah untuk mengumpul maklumat tambahan tentang amalan kultura berkaitan tanaman padi.

2. LIPUTAN PENYIASATAN

PPP dilaksanakan untuk seluruh negara. Pengukuran secara objektif yang digunakan untuk Penyiasatan Hasil di Semenanjung Malaysia, Sabah dan Sarawak adalah meliputi Padi Sawah sahaja. Penyiasatan ini dijalankan untuk padi Musim Utama dan Luar Musim bagi Semenanjung Malaysia manakala bagi Sabah dan Sarawak, penyiasatan ini dijalankan untuk padi Musim Utama sahaja. Lain-lain maklumat yang tidak diperoleh dari pengukuran objektif ini seperti data Padi Huma, data keluasan dan hasil diperoleh terus daripada Jabatan Pertanian Negeri yang berkenaan.

3. SKOP LAPORAN

3.1 Laporan ini diterbitkan mengikut **musim** dengan menggunakan tempoh tanaman padi sebagai rujukan. Laporan **Musim Utama** meliputi padi yang ditanam dalam tempoh antara 1hb Ogos bagi sesuatu tahun hingga 28hb / 29hb Februari tahun berikutnya dan Laporan **Luar Musim** meliputi tempoh tanaman padi antara 1hb Mac hingga 31hb Julai bagi sesuatu tahun.

Laporan ini merangkumi Padi Sawah dan Padi Huma dan meliputi negeri-negeri di Semenanjung Malaysia, Sabah dan Sarawak.

3.2 Keputusan yang dibentangkan dalam laporan ini adalah seperti berikut:-

a) Kadar sambutan penyiasatan
b) Penyiasatan Hasil
c) Penyiasatan Keluasan Aktiviti Tanaman Padi
d) Kadar penggunaan baja
e) Varieti padi yang ditanam

f) Cara menanam padi
g) Ujian pengeringan

3.3 Laporan ini adalah berdasarkan kapada jadual-jadual yang disediakan. Analisis PPP dibuat mengikut beberapa peringkat seperti berikut:-

a) Malaysia
b) Semenanjung Malaysia
c) Kawasan jelapang padi
d) Negeri
e) Daerah terpilih

Walaubagaimana pun, tidak semua data dibuat analisis mengikut aspek-aspek di atas kerana ia bergantung kepada kesesuaian jadual-jadual yang diterbitkan.

4. METODOLOGI

4.1 Kaedah Penyiasatan

Terdapat dua soal selidik yang berasingan digunakan dalam PPP, iaitu, soal selidik untuk Penyiasatan Keluasan Aktiviti Tanaman Padi dan soal selidik untuk Penyiasatan Hasil.

4.1.1 Mulai Musim Utama 1997/1998, Penyiasatan Keluasan mengalami perubahan dari segi kaedah pungutan data dan kandungan soal selidik. Penyiasatan Keluasan kini telah dinamakan Penyiasatan Keluasan Aktiviti Tanaman Padi dan dilaksanakan secara bancian bulanan di Semenanjung Malaysia. Untuk mendapatkan data, pegawai luar buat lawatan ke ladang dan menganggarkan keluasan tanaman padi mengikut aktiviti berpandukan blok-blok padi yang diwujudkan. Setiap blok padi dikenali sebagai Unit Keluasan Tiruan (UKT). Ia merangkumi lot-lot padi yang bersebelahan dalam sesuatu kawasan tertentu yang ditandakan di atas syit-syit kadestra dalam strata tersebut. Di antara data yang dikutip adalah anggaran keluasan bertanam, tuaian, serangan terlibat dan musnah dan keluasan bertanam mengikut varieti padi.

4.1.2 Bagi Sabah dan Sarawak, data Penyiasatan Keluasan Aktiviti Tanaman Padi diperoleh terus daripada Jabatan Pertanian Negeri masing-masing.

4.1.3 Dalam Penyiasatan Hasil, data hasil boleh diperoleh mengikut kaedah-kaedah seperti berikut:-

a) Kaedah Petak Ujian

Data hasil padi boleh diperoleh dengan mengukur berat padi yang dituai dari petak ujian yang berukuran seluas 5m x 4m dalam sebuah petak sawah padi yang dipilih secara rambang.

b) Kaedah Guni

Data hasil padi boleh diperoleh dengan mendarabkan jumlah bilangan guni padi dari setiap sampel lot dengan purata berat padi seguni dan dibahagi dengan keluasan petak sawah yang dituai.

c) Kaedah Pukal

Data hasil padi boleh diperoleh dari berat kasar padi dari resit bagi setiap sampel lot atau lot-lot yang terpilih dan dibahagi dengan keluasan petak sawah yang dituai.

4.1.4 Lain-lain maklumat sampingan yang dikutip adalah termasuk amalan-amalan berkaitan dengan penanaman padi, iaitu, taraf mekanisasi, varieti padi yang ditanam dan sebab-sebab kerosakan padi. Data tersebut dikutip secara subjektif dan digunakan terutama untuk tujuan suntingan dan semakan, khususnya apabila terdapat hasil-hasil yang dilaporkan terlalu rendah atau terlalu tinggi.

4.1.5 Kerja luar untuk penyiasatan ini dijalankan oleh berbagai agensi termasuk Jabatan Pertanian Negeri, Jabatan Pengairan dan Saliran (JPS) Negeri, MADA, KADA, IADA Kerian dan KETARA.

4.2 Rekabentuk Sampel

Rekabentuk sampel berperingkat berstrata telah digunakan dalam PPP. **Unit pensampelan tahap pertama** dikenali sebagai Unit Tanaman Tiruan (UTT) dalam Penyiasatan Hasil dan Unit Keluasan Tiruan (UKT) dalam Penyiasatan Keluasan Aktiviti Tanaman Padi. Setiap UTT atau UKT adalah terdiri daripada keluasan yang merangkumi lot-lot yang bersebelahan yang ditandakan di atas syit-syit kadestra dalam strata berkenaan. Unit_pensampelan **tahap kedua** adalah lot-lot padi dalam

UTT atau UKT terpilih. Unit pensampelan **tahap ketiga** adalah petak-petak sawah yang terpilih dalam lot tersebut dan akhir sekali **tahap keempat** adalah satu petak ujian yang berukuran seluas 5m x 4m. Bagi kaedah guni dan pukal, hanya unit pensampelan tahap kedua diperlukan, iaitu, di peringkat lot.

Dalam pelaksanaan Penyiasatan Keluasan Aktiviti Tanaman Padi, semua peringkat unit pensampelan tahap pertama atau UKT dilawati.

Kawasan bertanam padi di Semenanjung Malaysia dikategorikan kepada dua strata utama, iaitu:-

Strata A : Kawasan-kawasan pengairan
Strata B : Kawasan-kawasan bukan pengairan

Strata A: Mengandungi unit pensampelan tahap pertama, iaitu, skim-skim pengairan kecil JPS dan lapan skim pengairan utama atau kawasan jelapang padi. Strata A dipecahkan lagi kepada tiga strata kecil berdasarkan keluasan pasel padi bagi setiap unit pensampelan tahap pertama, iaitu:-

a) 0.4 - 201 ha
b) 202 - 4,046 ha
c) 4,047 ha dan lebih

Strata B: Unit pensampelan tahap pertama adalah terdiri daripada mukim yang menjadi unit pentadbiran dalam sesebuah daerah. Strata ini dipecahkan lagi kepada empat strata kecil berdasarkan keluasan pasel padi di mukim tersebut, iaitu:-

a) 0.4 - 39 ha
b) 40 - 201 ha
c) 202 - 404 ha
d) 405 ha dan lebih

Dalam Penyiasatan Hasil, peruntukan untuk unit sampel tahap pertama adalah mengikut nisbah keluasan pasel padi dalam setiap strata kecil dan tahap kedua adalah sampel yang dipilih, iaitu, lot padi yang berasaskan kaedah pilihan *Circular Systematic.*

4.3 Rangka Pensampelan

Rangka pensampelan yang juga rangka lot padi mengandungi senarai induk lot-lot

padi. Senarai induk yang diwujudkan mengandungi maklumat-maklumat berikut:-

a) Nombor Lot
b) Lokasi seperti Nombor Syit Kadestra, Mukim, Daerah dan Negeri
c) Kawasan lot terdiri daripada:-
    i) Kawasan pasel padi
    ii) Kawasan bukan pasel padi
    iii) Kawasan pasel padi terbiar

4.4 Ralat Pensampelan

Oleh kerana Penyiasatan Hasil adalah satu penyiasatan berbentuk sampel, data yang dipersembahkan dalam laporan ini tertakluk kepada ralat pensampelan dan ralat bukan pensampelan.

Ralat bukan pensampelan merujuk kepada ralat yang terdapat dalam liputan, penggunaan konsep dan definisi, kesilapan mengukur, kesilapan pengiraan, dsb. Kesilapan ini dapat dikawal melalui latihan, pengawasan kerja luar dan penyuntingan soal selidik.

Ralat pensampelan dalam laporan ini dipersembahkan sebagai peratus Ralat Piawai Relatif (% R.P.R). Ralat Piawai ialah satu ukuran yang diperoleh daripada varian pensampelan yang menunjukkan sejauh mana sesuatu anggaran itu hampir kepada nilai yang dijangkakan (misalnya kadar hasil padi). Maka, Ralat Piawai mengukur **ketepatan** sesuatu anggaran dan bukan ketelitiannya yang menunjukkan sejauh mana hampirnya nilai anggaran kepada nilai yang sebenar. Nilai sebenar tidak diketahui kerana ianya hanya boleh diperoleh sekiranya banci dijalankan tanpa sebarang ralat bukan pensampelan yang disebutkan di atas. Perkara ini hendaklah diambil perhatian apabila menggunakan Ralat Piawai untuk mengulas keputusan-keputusan penyiasatan ini.

4.5 Kaedah Anggaran Hasil dan Keluasan

4.5.1 Purata hasil padi diperoleh berasaskan kawasan bertanam. Padi dalam petak terpilih dalam sampel (lot padi atau petak ujian) dituai dan hasil yang diperoleh ditimbang (kg) dan direkodkan sewajarnya. Teknik **purata mudah** digunakan untuk mendapatkan purata hasil padi dari sampel-sampel dan seterusnya teknik **purata wajaran** digunakan untuk mendapat anggaran purata hasil padi pada peringkat strata, daerah, negeri dan Malaysia. Terdapat tiga jenis purata hasil padi yang dilaporkan dalam laporan ini, iaitu:-

a) **Purata hasil padi basah** (kg/ha) ialah purata hasil padi semasa menuai.

b) **Purata hasil padi kering** (kg/ha) ialah purata hasil padi selepas pengeringan yang mana kandungan kelembapan wap basah sekitar 14%.

c) **Purata hasil padi bersih** (kg/ha) ialah purata hasil padi selepas pengeringan, dibersihkan dan apabila kandungan kelembapan wap basah tepat pada 14%.

4.5.2 Sebagaimana yang telah dijelaskan di para 4.1.1 di atas, keluasan bertanam padi di skim-skim pengairan dan luar pengairan telah dianggarkan secara bancian ke atas semua UKT yang aktif bertanam. Seterusnya data tersebut dikumpul untuk mendapat anggaran keluasan di peringkat strata kecil dan daerah.

Akhir sekali, anggaran padi yang ditanam di skim-skim pengairan dan luar pengairan dikumpul untuk mendapat data di peringkat daerah, negeri, Semenanjung Malaysia dan Malaysia.

5. KONSEP DAN DEFINISI

5.1 Skim Pengairan

Skim pengairan merujuk kepada projek pengairan yang telah **siap** *(completed)* , **dijaya gunakan** *(commissioned)*, **beroperasi** dan diisytiharkan oleh pihak berkuasa sebagai kawasan pengairan. Kebanyakan skim-skim ini dikendalikan oleh organisasi formal kerajaan seperti Jabatan Pengairan dan Saliran (JPS), MADA dan KADA. Hampir semua skim mempunyai sempadan yang diwartakan. Biasanya sempadan ini adalah sama dengan sempadan yang ditetapkan semasa projek tersebut pertama kali ditentukan. Terdapat beberapa skim pengairan yang diwartakan sebagai kawasan pengairan berdasarkan Akta Ordinan Pengairan 1953 (Pindaan 1989).

5.2 Luar Pengairan

Luar pengairan merujuk kepada kawasan yang bertanam padi tanpa sistem pengairan. Penanaman padi di kawasan ini pada lazimnya bergantung kepada air hujan.

5.3 Nama Skim

Ia merujuk kepada nama rasmi skim pengairan dan nama ini digunakan dalam semua urusan pentadbiran.

5.4 Kawasan Jelapang Padi

Kawasan jelapang padi merujuk kepada skim pengairan yang besar (lebih daripada 4,000 hektar) dan diiktiraf oleh kerajaan dalam Dasar Pertanian Negara sebagai kawasan utama pengeluaran padi. Terdapat sepuluh kawasan jelapang padi di Malaysia, iaitu, MADA, KADA, IADA Kerian, IADA BLS, IADA P. Pinang, IADA Seberang Perak, IADA KETARA, IADA Kemasin Semerak, IADA Pekan dan IADA Rompin.

5.5 Luar kawasan Jelapang Padi

Luar kawasan jelapang padi merujuk kepada kawasan-kawasan di skim-skim pengairan kecil dan kawasan-kawasan luar skim-skim pengairan.

5.6 Pasel Padi

Pasel padi adalah sekeping tanah yang pada kebiasaannya digunakan untuk penanaman padi. Pasel padi boleh dikelaskan sebagai berikut:-

(a) Pasel Padi Aktif
(b) Pasel Padi Pelbagai
(c) Pasel Padi Terbiar

5.7 Pasel Padi Aktif

Ia merujuk kepada pasel padi yang lazimnya bertanam padi sekurang-kurangnya sekali dalam tempoh 3 tahun atau dalam 5 musim yang lepas.

5.8 Pasel Padi Pelbagai

Ia merujuk kepada pasel padi yang ditanam dengan tanaman kontan atau tanaman sementara seperti sayur-sayuran, jagung, pisang, tebu dan sebagainya.

5.9 Pasel Padi Terbiar

Pasel padi terbiar adalah pasel padi yang tiada aktiviti padi atau tanaman sementara lain (tidak diusahakan) selama 3 tahun yang lepas atau 5 musim atau lebih.

5.10 Lot

Lot adalah sekeping tanah yang telah diberi nombor, keluasan dan sempadan yang tertentu seperti yang ditetapkan oleh Jabatan Ukur dan Pemetaan. Butir-butir lot ini dicatatkan di syit kadestra atau dalam buku pendaftaran mukim atau *Key Plan* JPS.

5.11 Lot Padi

Lot padi adalah sekeping tanah dimana sebahagian atau keseluruhan paselnya digunakan untuk penanaman padi, samada sekali atau lebih dalam setahun tanpa mengambil kira syarat yang dinyatakan dalam geran tanah. Bagi setiap lot padi kemungkinan terdapat dua atau lebih tanaman dalam pasel yang ditanam. Oleh demikian, penentuan sesuatu lot padi tidak bergantung kepada syarat tanah yang dinyatakan tetapi kepada **kegunaan sebenar tanah tersebut.**

5.12 Tanah Tol

Tanah tol adalah sekeping tanah yang mempunyai sempadan yang tertentu. Sempadan ini adalah berdasarkan kepada pemilikan pengusaha atau penghuni secara sementara serta berkemungkinan membayar lesen tahunan. Biasanya tanah tol tidak mempunyai nombor lot atau keluasan di atas syit kadestra. Pengenalannya adalah berdasarkan kepada nombor surat hakmilik sementara dan nama pengusaha yang diperoleh daripada pejabat tanah.

5.13 Tanah Tol Padi

Tanah tol padi adalah sekeping tanah dimana sebahagian atau keseluruhan paselnya digunakan untuk penanaman padi samada ditanam sekali atau lebih dalam setahun.

5.14 Keluasan Kasar Skim

Keluasan kasar skim adalah termasuk bendang, jalan ladang, taliair, parit, struktur-struktur, kampung, dusun dan sebagainya.

5.15 Keluasan Bersih Skim

Keluasan bersih skim adalah keluasan keseluruhan pasel padi dalam skim, iaitu, keluasan kasar ditolak keluasan untuk jalan, taliair, parit, struktur, kampung, dusun dan sebagainya.

5.16 Musim Padi

Musim padi merujuk kepada aktiviti-aktiviti penanaman padi daripada penyediaan tanah sehingga penuaian.

5.17 Musim Utama

Musim utama adalah tempoh yang mana penanaman padi adalah yang paling sesuai berdasarkan iklim tempatan (musim hujan) dan tidak bergantung sepenuhnya kepada sistem pengairan. Untuk tujuan pentadbiran, Musim Utama ditakrifkan sebagai tempoh **bila padi ditanam** yang mana tarikh mula **ditanam*** jatuh antara **1hb Ogos hingga 28hb / 29hb Februari tahun berikutnya**.

5.18 Luar Musim

Luar musim adalah tempoh kering yang mana penanaman padi biasanya bergantung kepada sistem pengairan. Untuk tujuan pentadbiran, Luar Musim ditakrifkan sebagai tempoh **bila padi ditanam** yang mana tarikh mula **ditanam*** jatuh antara **1hb Mac hingga 31hb Julai dalam tahun berkenaan**.

5.19 Data Tahunan

Data tahunan padi merujuk kepada data yang dilaporkan untuk kedua-dua musim, iaitu, Musim Utama dan Luar Musim. Contohnya, data untuk tahun 2015 merujuk kepada Musim Utama 2014/2015 dan Luar Musim 2015. Konsep ini digunakan untuk purata hasil padi, keluasan bertanam dan anggaran pengeluaran padi.

* Definisi ditanam ialah menabur bagi sistem tabur terus dan mencedung bagi sistem semaian.

LAPORAN PENYIASATAN PENGELUARAN PADI MUSIM UTAMA 2014/2015

LAPORAN PENYIASATAN PENGELUARAN PADI
MUSIM UTAMA 2014/2015

1. PENDAHULUAN

Laporan ini memberi keputusan keseluruhan tentang Penyiasatan Pengeluaran Padi (PPP), Musim Utama 2014/2015 bagi padi yang ditanam di Malaysia. Musim Utama 2014/2015 merujuk kepada tempoh tanaman padi antara 1 Ogos 2014 hingga 28 Februari 2015.

2. KADAR SAMBUTAN

2.1 Penyiasatan Hasil

Kadar sambutan untuk PPP yang dijalankan di Semenanjung Malaysia bagi Musim Utama 2014/2015 adalah tinggi. Kadar sambutan untuk Penyiasatan Hasil ialah 100% yang mana kesemua 2,262 sampel telah memberi sambutan dan boleh dibuat analisis. (**Rujuk Jadual A1 – m. surat 46**).

Bagi negeri Sabah, kadar sambutan adalah 100%. Daripada jumlah 443 sampel yang memberi sambutan, 373 sampel (84.2%) telah dianalisis. 70 (15.8%) daripada sampel tidak boleh dibuat analisis (samada telah berubah tanaman, tertuai, lot padi tidak dapat dikesan atau lain-lain sebab) (**Rujuk Jadual A1 – m. surat 46**).

Bagi negeri Sarawak, kadar sambutan adalah 100%. Daripada jumlah 432 sampel yang memberi sambutan 431 sampel (99.8%) telah dianalisis manakala 1 sampel (0.2%) tidak boleh dibuat analisis (**Rujuk Jadual A1 – m. surat 46**).

Kadar sambutan di kawasan jelapang padi adalah 100% yang mana kesemua 1,591 sampel telah memberi sambutan dan boleh dibuat analisis (**Rujuk Jadual A2 – m. surat 47**).

2.2 Penyiasatan Keluasan Aktiviti Tanaman Padi

Mulai Musim Utama 1997/1998, Penyiasatan Keluasan Aktiviti Tanaman Padi telah dibuat secara bancian bulanan ke atas semua Unit Keluasan Tiruan (UKT) yang aktif bertanam di Semenanjung Malaysia. Pada Musim Utama 2014/2015, bilangan UKT yang dibanci adalah 411 bagi kawasan pengairan dan 144 bagi kawasan luar

pengairan. Di negeri Sabah dan Sarawak, Jabatan Pertanian Negeri berkenaan melapor keluasan bertanam mengikut kaedah masing-masing (**Rujuk Jadual B5 – m. surat 64**).

Jadual 1: Sampel Dirancang Dan Yang Beri Sambutan Mengikut Musim Utama, Semenanjung Malaysia, 20010 – 2015
(Penyiasatan Hasil)

Musim Utama	Bil. Sampel Dirancang	Sambutan	
		Bilangan	Peratusan
2009/2010	2,265	2,249	99
2010/2011	2,265	2,265	100
2011/2012	2,269	2,260	99
2012/2013	2,211	2,202	99
2013/2014	2,279	2,279	100
2014/2015	2,262	2,262	100

3. PERSEMBAHAN DATA

Mulai Musim Utama 1993/1994 beberapa perubahan telah dibuat dalam kandungan data yang dipersembahkan yang mana data berkaitan Padi Huma turut dimasukkan. Jadual-jadual ini meliputi data hasil, keluasan bertanam dan pengeluaran bagi **keseluruhan jenis padi, Padi Sawah dan Padi Huma**. Walaubagaimana pun, data terperinci berkaitan amalan kultura dan lain-lain maklumat yang ditunjukkan di Jadual A1 hingga Jadual D5 hanya merujuk kepada padi sawah sahaja.

Dalam jadual-jadual berkaitan hasil, purata hasil padi biasanya dilaporkan dalam tiga kategori, iaitu, purata hasil padi basah, purata hasil padi kering dan purata hasil padi bersih. Seperti yang diputuskan oleh Jawatankuasa PPP Peringkat Kebangsaan, data purata hasil padi yang disebut dalam laporan ini dan mana-mana agensi yang memohon data hasil adalah merujuk kepada padi bersih sahaja.

Untuk meningkatkan lagi kegunaan laporan ini, data siri masa juga disertakan sebagai Lampiran (**Lampiran 5 - m. surat 113 hingga Lampiran 44 - m. surat 152**).

4. KEPUTUSAN PENYIASATAN PENGELUARAN PADI

4.1 Keseluruhan Hasil Padi

Purata hasil padi bagi seluruh negara untuk Musim Utama 2014/2015 adalah 3,580 kg/ha menurun sebanyak 5.7% berbanding dengan 3,796 kg/ha Musim Utama 2013/2014. Keseluruhan keluasan bertanam padi ialah 415,628 ha, menurun sebanyak 0.15% daripada keluasan bertanam padi seluas 416,261 ha pada Musim Utama 2013/2014 (**Rujuk Jadual 2 – m. surat 13**).

Di Semenanjung Malaysia, purata hasil padi untuk musim ini adalah 4,364 kg/ha dengan keluasan bertanam padi 266,249 ha berbanding dengan 4,725 kg/ha dan keluasan bertanam 264,441 ha pada Musim Utama 2013/2014 (**Rujuk Jadual 2 – m. surat 13**).

Anggaran pengeluaran padi bagi semua negeri pada musim ini ialah 1.49 juta tan metrik. Pengeluaran dari Semenanjung Malaysia menyumbang sebanyak 78.0% (1.16 juta tan metrik) daripada pengeluaran padi negara manakala Sabah dan Sarawak menyumbang sebanyak 22.0% (0.3 juta tan metrik) (**Rujuk Jadual 2 – m. surat 13**).

Kawasan jelapang padi pula menyumbang sebanyak 82.3% (0.96 juta tan metrik) daripada jumlah pengeluaran padi di Semenanjung Malaysia (**Rujuk Jadual B17 – m. surat 84**).

4.2 Padi Sawah

Padi Sawah adalah jenis padi yang utama ditanam di Malaysia. Ia terdiri daripada berbagai varieti padi. Keseluruhan purata hasil Padi Sawah bagi Musim Utama 2014/2015 ialah 4,026 kg/ha dengan keluasan bertanam 353,201 ha berbanding 4,297 kg/ha dengan keluasan bertanam 352,729 ha pada musim yang sama tahun 2013/2014 (**Rujuk Jadual 2 – m.surat 13**).

Jadual 2: Purata Hasil, Keluasan Bertanam dan Pengeluaran Padi Mengikut Kawasan dan Musim Utama, Malaysia, 2013 - 2015

Kawasan	Musim Utama 2012/2013			Musim Utama 2013/2014			Musim Utama 2014/2015		
	Hasil (Kg/Ha)	Keluasan (Ha)	Pengeluaran (Metrik Tan)	Hasil (Kg/Ha)	Keluasan (Ha)	Pengeluaran (Metrik Tan)	Hasil (Kg/Ha)	Keluasan (Ha)	Pengeluaran (Metrik Tan)
Sem. Malaysia	**4,148**	**262,761**	**1,089,814**	**4,725**	**264,441**	**1,249,422**	**4,364**	**266,249**	**1,161,964**
i) Padi Sawah	**4,148**	**262,761**	**1,089,814**	**4,725**	**264,441**	**1,249,422**	**4,364**	**266,249**	**1,161,964**
ii) Padi Huma	-	-	-	-	-	-	-	-	-
Sabah	**3,126**	**28,763**	**89,908**	**3,344**	**28,633**	**95,740**	**3,086**	**28,239**	**87,142**
i) Padi Sawah	3,348	22,809	76,354	3,512	22,199	77,969	3,521	22,134	77,928
ii) Padi Huma	2,277	5,954	13,554	2,762	6,434	17,771	1,509	6,105	9,214
Sarawak	**1,886**	**133,836**	**252,394**	**1,908**	**123,187**	**235,094**	**1,972**	**121,140**	**238,928**
i) Padi Sawah	2,844	72,015	204,811	2,848	66,089	188,221	2,811	64,818	182,203
ii) Padi Huma	770	61,821	47,583	758	57,098	43,296	752	56,322	42,370
Malaysia	**3,367**	**425,360**	**1,432,116**	**3,796**	**416,261**	**1,580,256**	**3,580**	**415,628**	**1,488,034**
i) Padi Sawah	3,834	357,585	1,370,979	4,297	352,729	1,515,612	4,026	353,201	1,422,095
ii) Padi Huma	902	67,775	61,137	961	63,532	61,067	826	62,427	51,584

4.2.1 Padi Sawah di Semenanjung Malaysia

Di Semenanjung Malaysia, purata hasil Padi Sawah adalah 4,364 kg/ha dengan keluasan bertanam 266,249 ha. Ini merupakan 75.4% dari jumlah keluasan yang bertanam Padi Sawah di Malaysia (**Rujuk Jadual 2 – m. surat 13**). Jumlah keseluruhan keluasan pasel padi yang didaftarkan di Semenanjung Malaysia adalah 291,086 ha yang mana 91.5% daripadanya telah ditanam padi pada musim ini (**Rujuk Jadual B5 – m. surat 64**).

Analisis taburan hasil menunjukkan 1,536 daripada keseluruhan sampel (67.9%) memperoleh purata hasil melebihi 4 tan/ha. Daripada jumlah ini, 20 sampel memperoleh purata hasil melebihi 8 tan/ha (**Rujuk Jadual B14 – m. surat 81**).

Di Semenanjung Malaysia, Padi Sawah ditanam di dua jenis sawah padi, iaitu, dalam skim pengairan dan luar skim pengairan. Pada musim ini, keluasan bertanam dalam skim pengairan ialah 239,009 ha dengan purata hasil 4,480 kg/ha manakala kawasan luar skim pengairan pula mencatatkan keluasan bertanam sebanyak 27,240 ha dengan purata hasil 3,343 kg/ha (**Rujuk Jadual B1–m. surat 48 dan Jadual B5 – m. surat 64**).

Analisis peringkat Semenanjung Malaysia mencatatkan penurunan purata hasil berbanding dengan Musim Utama 2013/2014 (**Jadual 3 – m. surat 15**). Negeri Selangor mencatatkan purata hasil yang paling tinggi iaitu 6,117 kg/ha dengan keluasan bertanam 19,057 ha manakala negeri yang memperoleh purata hasil yang paling rendah pada musim ini adalah Pahang dengan purata hasil sebanyak 3,706 kg/ha dan keluasan bertanam 7,453 ha (**Jadual 3 – m. surat 15**).

4.2.2 Padi Sawah di Sabah dan Sarawak

Purata hasil Padi Sawah di negeri Sabah bagi Musim Utama 2014/2015 ialah 3,521 kg/ha, meningkat sebanyak 0.3% berbanding dengan 3,512 kg/ha yang dicatat pada musim 2013/2014. Keluasan bertanam padi pada musim ini ialah 22,134 ha, menurun sebanyak 0.3% berbanding Musim Utama yang lepas (**Rujuk Jadual 2 – m. surat 13**).

Daripada jadual taburan hasil, 244 daripada keseluruhan sampel (65.4%) di negeri Sabah memperoleh purata hasil lebih daripada 4 tan/ha pada musim ini. Daripada jumlah ini, 29 sampel memperoleh purata hasil melebihi 6 tan/ha (**Rujuk Jadual B14 – m. surat 81**).

Di negeri Sarawak, purata hasil Padi Sawah ialah 2,811 kg/ha, menurun sebanyak 1.3% berbanding dengan purata hasil sebanyak 2,848 kg/ha pada musim yang sama tahun 2013/2014. Keluasan bertanam padi ialah 64,818 ha menurun sebanyak 1.9% berbanding 66,089 ha pada Musim Utama yang lepas (**Rujuk Jadual 2 – m. surat 13**).

Jadual 3: Purata Hasil dan Keluasan Bertanam Padi Sawah Mengikut Negeri dan Musim Utama, Malaysia, 2013-2015

Negeri	Musim Utama 2012/2013		Musim Utama 2013/2014		Musim Utama 2014/2015	
	Hasil (Kg/Ha)	Keluasan (Ha)	Hasil (Kg/Ha)	Keluasan (Ha)	Hasil (Kg/Ha)	Keluasan (Ha)
JOHOR	3,955	1,525	4,493	1,555	3,926	1,540
KEDAH	3,669	104,205	4,809	106,329	4,063	107,276
KELANTAN	3,833	40,746	3,967	39,546	3,985	39,999
MELAKA	4,048	1,424	3,577	1,238	4,026	1,353
N. SEMBILAN	4,426	1,062	4,554	1,160	4,143	1,100
PAHANG	2,688	5,955	2,756	7,343	3,706	7,453
PERAK	4,312	41,030	4,383	40,961	4,170	40,822
PERLIS	4,459	26,031	5,058	26,059	4,468	26,029
P. PINANG	5,582	12,782	5,692	12,782	5,774	12,782
SELANGOR	6,198	18,899	6,247	18,925	6,117	19,057
TERENGGANU	4,101	9,102	4,911	8,543	5,220	8,838
SEM. MALAYSIA	4,148	262,761	4,725	264,441	4,364	266,249
SABAH	3,348	22,809	3,512	22,199	3,521	22,134
SARAWAK	2,844	72,015	2,848	66,089	2,811	64,818
MALAYSIA	**3,834**	**357,585**	**4,297**	**352,729**	**4,026**	**353,201**

4.2.3 Padi Sawah di kawasan jelapang padi

Purata hasil padi di sepuluh kawasan jelapang padi ialah 4,687 kg/ha, menurun 9.4% berbanding dengan 5,171 kg/ha pada Musim Utama yang lalu. Keluasan bertanam padi dalam kawasan jelapang padi adalah 204,178 ha yang merupakan 77.2% daripada keseluruhan keluasan bertanam padi, 266,249 ha pada Musim Utama 2014/2015 di Semenanjung Malaysia. Keluasan jumlah bertanam padi musim ini meningkat sebanyak 0.6% berbanding dengan 202,877 ha pada Musim Utama 2013/2014 yang lepas (**Rujuk Jadual 4 – m. surat 16**).

Analisis jadual taburan hasil menunjukkan 1,269 daripada 1,591 jumlah sampel mempunyai purata hasil lebih dari 4 tan sehektar yang mana 18 sampel memperoleh purata hasil melebihi 8 tan sehektar (**Rujuk Jadual B15 – m. surat 82**).

Enam daripada sepuluh kawasan jelapang padi mencatatkan peningkatan purata hasil padi berbanding dengan Musim Utama 2013/2014 kecuali bagi kawasan jelapang padi KADA, IADA Barat Laut Selangor, IADA Seberang Perak, dan IADA Ketara mencatatkan penurunan purata hasil. Berikut adalah ulasan bagi setiap kawasan jelapang padi:-

Jadual 4: Purata Hasil dan Keluasan Bertanam Padi Sawah Mengikut Kawasan Jelapang Padi dan Musim Utama, Semenanjung Malaysia, 2013-2015

Jelapang Padi	Musim Utama 2012/2013		Musim Utama 2013/2014		Musim Utama 2014/2015	
	Hasil (Kg/Ha)	Keluasan (Ha)	Hasil (Kg/Ha)	Keluasan (Ha)	Hasil (Kg/Ha)	Keluasan (Ha)
MADA	4,466	92,047	5,536	94,779	4,480	95,349
KADA	4,267	26,279	4,406	25,129	4,597	25,332
IADA KERIAN	4,335	20,983	4,396	20,972	4,500	20,972
IADA BLS	6,198	18,899	6,247	18,925	6,117	19,057
IADA P.PINANG	5,818	10,305	5,692	12,782	5,774	12,782
IADA SEBERANG PERAK	4,491	13,843	4,634	13,803	3,888	13,831
IADA KETARA	5,592	4,876	5,996	4,876	5,805	4,876
IADA KEMASIN SEMERAK	3,546	4,635	3,823	4,763	3,874	4,835
IADA PEKAN	-	-	2,338	4,323	2,737	4,561
IADA ROMPIN	-	-	3,586	2,525	5,972	2,583
Jumlah	**4,676**	**191,867**	**5,171**	**202,877**	**4,687**	**204,178**

i. MADA

Purata hasil padi di MADA ialah 4,480 kg/ha iaitu menurun sebanyak 19.1% berbanding 5,536 kg/ha pada Musim Utama 2013/2014 yang lepas (**Rujuk Jadual 4 – m. surat 16**). Sebanyak 545 (80.7%) daripada keseluruhan sampel memperoleh purata hasil lebih daripada 4 tan sehektar dan daripada jumlah ini, 14 sampel memperoleh purata hasil melebihi 6 tan/ha (**Rujuk Jadual B15 – m. surat 82**). Kawasan bertanam padi pada musim ini adalah 95,349 ha iaitu meningkat sebanyak 0.6% berbanding dengan 94,779 ha pada Musim Utama 2013/2014 yang lepas (**Rujuk Jadual 4 - m. surat 16**).

ii. KADA

KADA mempunyai purata hasil padi sebanyak 4,597 kg/ha. Ia meningkat sebanyak 4.3% berbanding 4,406 kg/ha pada Musim Utama 2013/2014 (**Rujuk Jadual 4– m. surat 16**). Analisis taburan purata hasil menunjukkan 225 (82.4%) daripada sampelnya menghasilkan lebih dari 4 tan/ha dan 17 sampel memperoleh purata hasil melebihi 6 tan/ha (**Rujuk Jadual B15 – m. surat 82**). Keluasan bertanam padi meningkat 0.8% kepada 25,332 ha berbanding dengan Musim Utama 2013/2014 yang lepas, iaitu, seluas 25,129 ha (**Rujuk Jadual 4 - m. surat 16**).

iii. IADA KERIAN

Purata hasil padi di kawasan IADA KERIAN adalah 4,500 kg/ha, meningkat 2.4% berbanding dengan purata hasil Musim Utama yang lepas, iaitu, 4,396 kg/ha. (**Rujuk Jadual 4 – m. surat 16**). Analisis taburan purata hasil menunjukkan bahawa 126 (80.8%) daripada sampelnya memperoleh lebih dari 4 tan/ha dan 4 sampel yang memperoleh purata hasil melebihi 6 tan/ha (**Rujuk Jadual B15 – m. surat 82**). Keluasan bertanam padi musim ini ialah 20,972 ha sama seperti Musim Utama 2013/2014 yang lepas (**Rujuk Jadual 4 – m. surat 16**).

iv. IADA Barat Laut Selangor

IADA Barat Laut Selangor memperoleh purata hasil padi sebanyak 6,117 kg/ha menurun sebanyak 2.1% berbanding dengan 6,247 kg/ha pada Musim Utama yang lepas (**Rujuk Jadual 4 – m. surat 16**). Terdapat 103 (93.6%) daripada sampel yang memperoleh purata hasil melebihi 4 tan/ha dan daripada jumlah ini, 15 sampel mencapai purata hasil melebihi 8 tan/ha (**Rujuk Jadual B15 - m. surat 82**). Keluasan bertanam padi meningkat 0.7% kepada 19,057 ha berbanding dengan Musim Utama 2013/2014 yang lepas, iaitu, seluas 18,925 ha (**Rujuk Jadual 4 – m. surat 16**).

v. IADA P. Pinang

IADA P. Pinang mendapat purata hasil sebanyak 5,774 kg/ha musim ini, meningkat 1.4% berbanding 5,692 kg/ha yang diperoleh pada Musim Utama yang lepas (**Rujuk Jadual 4 – m. surat 16**).Taburan purata hasil menunjukkan bahawa 111 (100.0%) sampel mempunyai purata hasil lebih daripada 4 tan/ha dan 37 sampel mencapai purata hasil melebihi 6 tan/ha (**Rujuk Jadual B15 – m. surat 82**). Keluasan

bertanam padi musim ini 12,782 ha sama seperti Musim Utama 2013/2014 yang lepas (**Rujuk Jadual 4 - m. surat 16**).

vi. IADA Seberang Perak

IADA Seberang Perak memperoleh purata hasil padi sebanyak 3,888 kg/ha pada musim ini. Ia meningkat menurun 16.1% berbanding dengan purata hasil sebanyak 4,634 kg/ha pada Musim Utama 2013/2014 (**Rujuk Jadual 4 – m. surat 16**). Daripada taburan purata hasil, didapati bahawa 43 sampel (44.3%) mempunyai purata hasil lebih dari 4 tan/ha (**Rujuk Jadual B15 - m. surat 82**). Jumlah keluasan bertanam padi musim ini ialah 13,831 ha meningkat sebanyak 0.2% berbanding dengan 13,803 ha pada Musim Utama yang lepas (**Rujuk Jadual 4 - m.surat 16**).

Kawasan bertanam padi di projek Perak Tengah ini dibahagikan kepada blok, iaitu, Blok Awam dan Blok FELCRA. Purata hasil padi yang diperoleh daripada Blok Awam ialah 4,363 kg/ha dengan keluasan bertanam 3,021 ha manakala purata hasil di Blok FELCRA ialah 3,752 kg/ha dengan keluasan bertanam 5,199 ha. Bagi kawasan Hilir Perak memperolehi purata hasil padi sebanyak 3,757 kg/ha dengan keluasan bertanam 5,611 ha (**Rujuk Jadual B12 – m. surat 79**).

vii. IADA KETARA

IADA KETARA telah mengeluarkan purata hasil padi sebanyak 5,805 kg/ha, menurun 3.2% berbanding dengan purata hasil 5,996 kg/ha pada Musim Utama yang lepas (**Rujuk Jadual 4 – m. surat 16**). Daripada sampel yang dikaji, 61 sampel (100%) memperoleh purata hasil lebih 4 tan/ha dan daripada jumlah ini, 24 sampel mencapai purata hasil melebihi 6 tan/ha (**Rujuk Jadual B15 – m. surat 82**). Keluasan bertanam padi musim ini ialah 4,876 ha sama seperti Musim Utama 2013/2014 yang lepas (**Rujuk Jadual 4 - m. surat 16**).

viii. IADA Kemasin Semerak

IADA Kemasin Semerak telah mengeluarkan purata hasil padi sebanyak 3,874 kg/ha pada musim ini. Ia meningkat sebanyak 1.3% daripada purata hasil Musim Utama yang lepas, iaitu, 3,823 kg/ha (**Rujuk Jadual 4 – m. surat 16**). Jadual taburan hasil menunjukkan 21 sampel (41.2%) mempunyai purata hasil lebih dari 4 tan/ha dan daripada jumlah ini, 2 sampel mencapai purata hasil melebihi 6 tan/ha (**Rujuk Jadual B15 - m. surat 82**). Jumlah keluasan yang bertanam padi ialah 4,835 ha,

meningkat 1.5% apabila dibandingkan dengan 4,763 ha yang ditanam pada Musim Utama 2013/2014 (**Rujuk Jadual 4 – m. surat 16**).

ix. IADA Pekan

Purata hasil padi di IADA Pekan ialah 2,737 kg/ha iaitu meningkat sebanyak 17.1% berbanding 2,338 kg/ha pada Musim Utama 2013/2014 yang lepas (**Rujuk Jadual 4 – m. surat 16**). Sebanyak 22 (48.9%) daripada keseluruhan sampel memperoleh purata hasil lebih daripada 4 tan sehektar dan daripada jumlah ini, 6 sampel memperoleh purata hasil melebihi 6 tan/ha (**Rujuk Jadual B15 – m. surat 82**). Kawasan bertanam padi pada musim ini adalah 4,561 ha iaitu meningkat sebanyak 5.5% berbanding dengan 4,323 ha pada Musim Utama 2013/2014 yang lepas (**Rujuk Jadual 4 - m. surat 16**).

x. IADA Rompin

Purata hasil padi di IADA Rompin ialah 5,972 kg/ha iaitu meningkat sebanyak 66.5% berbanding 3,586 kg/ha pada Musim Utama 2013/2014 yang lepas (**Rujuk Jadual 4 – m. surat 16**). Sebanyak 12 (100%) daripada keseluruhan sampel memperoleh purata hasil lebih daripada 4 tan sehektar dan daripada jumlah ini, 8 sampel memperoleh purata hasil melebihi 6 tan/ha (**Rujuk Jadual B15 – m. surat 82**). Kawasan bertanam padi pada musim ini adalah 2,583 ha iaitu meningkat sebanyak 2.3% berbanding dengan 2,525 ha pada Musim Utama 2013/2014 yang lepas (**Rujuk Jadual 4 - m. surat 16**).

4.3 Padi Huma

Padi Huma meliputi padi yang ditanam di tanah tinggi dan tanah rendah. Purata hasil Padi Huma di seluruh negara ialah 826 kg/ha dengan jumlah keluasan bertanam padi 62,427 ha. Padi jenis ini banyak ditanam di negeri Sarawak, iaitu, 56,322 ha dan di negeri Sabah seluas 6,105 ha. Padi Huma tidak ditanam di Semenanjung Malaysia pada musim ini (**Rujuk Jadual 2 – m. surat 13**).

5. KADAR PENGGUNAAN BENIH

Kadar purata penggunaan benih padi di Semenanjung Malaysia mengikut pelbagai kaedah menanam ialah 72 kg/ha – mencedung (manual), 76 kg/ha – mencedung

(transplanter), 138 kg/ha - tabur terus (sawah basah), 121 kg/ha - tabur terus (sawah kering) dan 142 kg/ha tabur terus dalam air (sawah berair) (**Rujuk Jadual C7 – m. surat 95**).

Di negeri Sabah, kadar penggunaan benih didapati adalah 79 kg/ha – mencedung (manual), 117 kg/ha - tabur terus (sawah basah) dan 130 kg/ha – tabur terus (sawah kering) (**Rujuk Jadual C7 – m. surat 95**).

Di kawasan jelapang padi, kadar purata penggunaan benih mengikut kaedah menanam ialah 74 kg/ha – mencedung (manual), 76 kg/ha – mencedung (transplanter), 143 kg/ha - tabur terus (sawah basah), 112 kg/ha – tabur terus (sawah kering) dan 145 kg/ha - tabur terus dalam air (sawah berair) (**Rujuk Jadual C8 – m. surat 96**).

6. TABURAN DAN POTENSI HASIL VARIETI PADI

Di Semenanjung Malaysia, tiga varieti padi yang disyorkan oleh MARDI kerap kali ditanam pada musim ini, iaitu, MR 220 CL2 (56.9%), MR 263 (17.9%) dan MR 219 (8.3%). Varieti-varieti lain juga ditanam oleh pesawah padi tetapi dalam peratusan yang kecil (**Rujuk Jadual C1 – m. surat 88-89**).

Di kawasan jelapang padi, peratusan varieti MR 220 CL2 telah melebihi varieti-varieti lain, iaitu, 64.7% diikuti dengan varieti - varieti MR 263 (17.9%), MR 269 (5.3%) dan MR 219 (5.0%). Varieti-varieti lain yang juga ditanam adalah dalam peratusan yang kecil (**Rujuk Jadual C2 – m. surat 90**).

Dari **Jadual C3 – m. surat 91**, daripada 8 varieti padi yang biasa ditanam, purata hasil bersih bagi MR 220 CL2 pada musim ini adalah 4,384 kg/ha manakala MR 220 CL1 sebanyak 4,486 kg/ha. Hasil tertinggi yang dicapai oleh MR 220 CL2 dan MR 269 adalah 9,655 kg/ha dan 8,979 kg/ha. Varieti padi yang biasa ditanam di negeri Sabah ialah TR8 (44.0%), Tempatan (37.3%), dan Sarawak (7.2%). Purata hasil padi basah yang diperoleh daripada varieti tersebut ialah 4,282 kg/ha, 4,116 kg/ha dan 4,226 kg/ha (**Rujuk Jadual C11 – m. surat 99**).

7. PENGGUNAAN MEKANISASI

Mengenai kegunaan mekanisasi untuk aktiviti tanaman padi di Semenanjung Malaysia, sebanyak 100% sampel mengguna mekanisasi untuk penyediaan sawah,

1.6% mencedung (transplanter), 84.3% menabur benih, 79.3% menabur baja, 87.6% meracun dan 100% menuai padi (**Rujuk Jadual C9 – m. surat 97**).

Di negeri Sabah, penggunaan mekanisasi adalah 66.8% untuk penyediaan sawah, dan 56.6% untuk menuai padi. Bagi lain-lain aktiviti, menabur benih sebanyak 51.7%, menabur baja 11.5% dan meracun 6.2% (**Rujuk Jadual C9 – m. surat 97**).

Di kawasan jelapang padi, penggunaan mekanisasi adalah 100% penyediaan sawah, 2.1% mencedung (transplanter), 90.2% menabur benih, 89.9% menabur baja, 94.4% meracun dan 100% menuai padi (**Rujuk Jadual C10 – m. surat 98**).

8. PENGGUNAAN BAJA

Soal selidik yang disemak semula dengan tujuan untuk mengutip maklumat tambahan penggunaan baja telah digunakan mulai Musim Utama 1999/2000 di lapan kawasan jelapang padi.

Kadar sambutan untuk penyiasatan penggunaan baja ialah 92.8% yang mana 1,476 sampel daripada 1,591 sampel telah dianalisis. Bagi Musim Utama 2014/2015, baja subsidi padi yang diberi kepada petani adalah dalam bentuk baja sebatian dan baja urea. Daripada jumlah 1,476 sampel yang dianalisis 100.0% mengguna baja sebatian kali pertama mengikut masa pemberian baja yang disyorkan iaitu pada purata 19 Hari Lepas Tabur (HLT) dengan purata kadar 209.0 kg/ha. Penggunaan sebanyak 320 (21.7%) sampel telah menjalankan pembajaan kali kedua baja sebatian pada purata 48 HLT dengan purata kadar 121.0 kg/ha. Bagi baja urea, 98.1 % sampel telah menjalankan pembajaan baja kali pertama pada 33 HLT dengan kadar 91.5 kg/ha, manakala 125 (8.5%) sampel telah menjalankan pembajaan baja urea kali kedua pada 46 HLT dengan kadar 58.4 kg/ha.

Manakala baja tambahan pula, sebanyak 1,236(83.7%) sampel telah melaksanakan pembajaan kali pertama pada 54 HLT dengan kadar 145.7 kg/ha. Baja organik pula hanya 392 (80.2%) sampel sahaja yang menjalankan pembajaan.

Disamping penggunaan baja bantuan, pesawah turut menggunakan baja tambahan yang dibeli sendiri. Terdapat 192 (13.0%) sampel telah menjalankan pembajaan bagi baja tambahan lain-lain pada 60 HLT dengan kadar 121.3 kg/ha, manakala 50 (3.4%) sampel telah menjalankan pembajaan baja tambahan kali kedua pada 59

HLT dengan kadar 79.4 kg/ha. (**Rujuk Jadual C12, C13 & C14 – m. surat 100,101 & 102**).

Kadar purata nutrien yang digunakan di semua kawasan jelapang padi ialah 112.1 kg/ha Nitrogen (N), 67.0 kg/ha Fosforus (P_2O_5) dan 66.3 kg/ha Kalium (K_2O). KADA mengunakan kadar purata nutrien yang tertinggi iaitu 189.36 kg/ha N, 146.50 kg/ha P_2O_5 dan 131.66 kg/ha K_2O diikuti IADA Ketara sebanyak 137.13 kg/ha N, 103.87 kg/ha P_2O_5 dan 85.06 kg/ha K_2O (**Rujuk Jadual C15 - m. surat 103**).

9. KEPUTUSAN UJIAN PENGERINGAN

9.1 Kadar Sambutan

Sejumlah 1,191 sampel telah dirancangkan untuk ujian pengeringan di Semenanjung Malaysia pada Musim Utama ini. Sebanyak 1,191 sampel (100%) telah dianalisis. Ujian pengeringan yang dilakukan di 12 stesen pengeringan adalah penting kerana keputusan-keputusan tersebut digunakan sebagai asas untuk menentukan faktor penukaran padi kering dan padi bersih yang akan digunakan dalam anggaran hasil (**Rujuk Jadual D1 – m. surat 104**).

9.2 Faktor Padi Kering dan Padi Bersih serta Peratusan Hampa

i. Semenanjung Malaysia

Satu sampel padi seberat 1 kg telah diambil dari sampel yang telah dipilih untuk ujian pengeringan. Berasaskan keputusan ujian pengeringan yang dijalankan di stesen-stesen di seluruh Semenanjung Malaysia, purata berat padi kering dan purata berat padi bersih (pada tepat 14% Kandungan Wap Basah) diperoleh dari setiap negeri dan kawasan jelapang padi. Purata berat padi kering dan purata berat padi bersih digunakan sebagai faktor-faktor untuk menukar purata hasil padi basah kepada purata hasil padi kering dan purata hasil padi bersih di peringkat negeri, kawasan jelapang padi, kelas padi dan varieti utama. Purata berat padi kering dan purata berat padi bersih bagi Semenanjung Malaysia dihitung masing-masing sebanyak 0.884 dan 0.824 (**Rujuk Jadual D2 - m. surat 105**).

Aliran faktor-faktor padi kering dan padi bersih mengikut negeri dan kawasan jelapang padi masing-masing ditunjukkan di **Lampiran 48 dan Lampiran 49 – m. surat 156 dan 157**. Peratusan keseluruhan hampa musim ini ialah 8.6%, meningkat

jika dibanding dengan Musim Utama yang lalu sebanyak 6.2% (**Rujuk Lampiran 48 – m. surat 156**).

ii. Sabah

Bagi negeri Sabah, faktor padi kering dan padi basah bagi negeri Sabah iaitu 0.820 dan 0.750. Peratusan hampa bagi musim ini 8.4% (**Rujuk Lampiran 46 – m. surat 154**).

iii. Sarawak

Bagi negeri Sarawak, faktor padi kering dan bersih bagi negeri Sarawak iaitu 0.940 dan 0.881. Peratusan hampa bagi musim ini ialah 5.9% sama seperti Musim Utama 2013/2014 yang lepas (**Rujuk Lampiran 46 - m. surat 154**).

TERJEMAHAN

Translation

Objectives, Coverage, Scope and Methodology

OBJECTIVES, COVERAGE, SCOPE AND METHODOLOGY

1. OBJECTIVES

The primary objective of the Paddy Production Survey (PPS) is to collect paddy statistics using probability sampling methods and objective measurements to obtain estimates of yield, planted area and production for each season. These estimates are produced at the district, state and granary area levels. Another objective of the survey is to collect supplementary information on farm practices related to paddy cultivation.

2. COVERAGE OF THE SURVEY

PPS is carried out covering the whole nation. An objective measurement is used for the Yield Survey in Peninsular Malaysia, Sabah and Sarawak and is confined to Wetland Paddy only. The survey is conducted for paddy in the Main Season and the Off Season for Peninsular Malaysia while for Sabah and Sarawak, the survey is conducted for paddy in the Main Season only. Other information which are not obtained by the objective measurements such as data on Dryland Paddy, area and yield data are obtained directly from the Department of Agriculture of the states concerned.

3. SCOPE OF THE REPORT

*3.1 This report is published by **seasons** using the paddy planting period as reference. Report for the **Main Season** covers period for paddy planted between 1st August of a particular year to 28th / 29th February of the following year and Report for the **Off Season** covers period for paddy planted between 1st March to 31st July in a year.*

This report is confined to Wetland Paddy and Dryland Paddy and covers all states in Peninsular Malaysia, Sabah and Sarawak.

3.2 The results presented in this report are as follows:-

- *a) Survey response rate*
- *b) Yield Survey*
- *c) Paddy Cultivation Activity Area Survey*
- *d) Rate of fertilizer used*

e) Paddy varieties planted

f) Paddy planting methods

g) Driage test

3.3 This report is based on the tables presented and analyses of the PPS are made at various levels, namely:-

a) Malaysia

b) Peninsular Malaysia

c) Granary areas

d) States

e) Selected districts

However, not all data are analysed based on the above aspects as they depend on the suitability of the tables published.

4. METHODOLOGY

4.1 Survey Method

There are two different types of questionnaires used in the PPS, namely questionnaire for the Paddy Cultivation Activity Area Survey and questionnaire for the Yield Survey.

4.1.1 From the Main Season 1997/1998, changes were made in the Area Survey particularly in the method of data collection and contents of the questionnaire. The Area Survey is now named as Paddy Cultivation Activity Area Survey and is carried out as a monthly census in Peninsular Malaysia. To collect these data, field officers made field visits to the paddy fields and estimate the hectareage of paddy for each activity based on the paddy blocks created. Each paddy block is known as an Artificial Area Unit (AAU) which is made up of contiguous paddy lots in a defined area and marked on cadastral sheets within the strata. Among the data collected are estimates on area planted, harvested, affected and destroyed and area planted according to paddy varieties.

4.1.2 For Sabah and Sarawak, data on Paddy Cultivation Activity Area Survey are obtained directly from the respective State Department of Agriculture.

4.1.3 For the Yield Survey, the yield data can be obtained by the following methods:-

a) Paddy Plot Method

The yield data for paddy can be obtained by measuring the weight of the paddy harvested from the paddy plot measured with an area of 5m x 4m in the selected paddy field determined at random.

b) Gunny Method

The yield data for paddy can be obtained by multiplying the total number of gunnies of paddy from the sample lot with the average weight of paddy per gunny and divide by the harvested paddy area.

c) Bulk Handling Method

The yield data for paddy can be obtained from the gross weight of paddy shown in the receipt for the selected sample lot or lots involved and divide by the harvested paddy area.

4.1.4 Supplementary information collected includes farm practices related to paddy cultivation namely mechanisation status, paddy varieties planted and causes of damage of paddy. The above data are collected on a subjective basis and are used primarily for editing and verification purposes especially when very low or high yields are reported.

4.1.5 Field work in this survey is carried out by various agencies including the State Departments of Agriculture, State Departments of Drainage and Irrigation (DID), MADA, KADA, IADA Kerian and KETARA.

4.2 Sample Design

*For PPS, a stratified multi-stage sample design is used. The **primary sampling unit** is termed as an Artificial Cropping Unit (ACU) in the Yield Survey and an Artificial Area Unit (AAU) in the Paddy Cultivation Activity Area Survey. Each ACU or AAU is made up of an area defined by a number of contiguous lots and is marked on cadastral sheets within the strata. The **second stage** sampling units are the paddy*

*lots within the selected ACU or AAU. The **third stage** sampling units are the paddy fields selected within the lot and lastly, the **fourth stage** is the paddy plot measured with an area of 5m x 4m. For the gunny and the bulk handling methods, only the second stage sampling unit is needed, that is, at the lot basis.*

During the implementation of the Paddy Cultivation Activity Area Survey, all levels of primary sampling units or AAUs were visited. Planted paddy areas in Peninsular Malaysia are categorised into two major strata, that is,

Stratum A: Irrigated Areas

Stratum B: Non-irrigated Areas

***Stratum A:** Comprises primary sampling unit, that is, DID minor irrigation schemes and eight major irrigation schemes also known as granary areas. Stratum A is again stratified into three smaller strata which are based on paddy parcel area for each primary sampling unit, that is:-*

a) 0.4 - 201 ha

b) 202 - 4,046 ha

c) 4,047 ha and above

***Stratum B:** The primary sampling unit comprises a mukim which is the administrative unit in a district. This stratum is again stratified into four smaller strata which are based on paddy parcel area in the mukim, that is:-*

a) 0.4 - 39 ha

b) 40 - 201 ha

c) 202 - 404 ha

d) 405 ha and above

In the Yield Survey, the allocation for the primary sampling units is based on the ratio of paddy parcel area in each smaller stratum and the second stage is the sample selected which is the paddy lot based on the Circular Systematic selection method.

4.3 Sampling Frame

The sampling frame which is also the frame of paddy lots contains the master list of paddy lots. The master list developed contains the following information:-

a) Lot number

b) Location such as Cadastral Sheet Number, Mukim, District and State

c) Lot area consists of:-

i) Paddy parcel area

ii) Non-paddy parcel area

iii) Idle paddy parcel area

4.4 Sampling Errors

Since the Yield Survey is a sample survey, the figures presented in the report are subject to both sampling and non-sampling errors.

Non-sampling errors refer to errors in coverage, application of concepts and definitions, measurement errors, computational errors, etc. These errors can be controlled to a large extent by training, supervision on field work and editing of questionnaires.

Sampling errors in this report are presented in terms of percentage Relative Standard Error (% R.S.E). The Standard Error is a measure derived from the sampling variance which shows the extent to which an estimate is near to its expected value (e.g. yield rate of paddy). Thus, Standard Error is said to measure the ***precision*** *of an estimate and not its accuracy which refers to the closeness of the estimate to its true value. The true value is unknown since it can only be obtained if a census is conducted without any non-sampling errors mentioned above. This has to be borne in mind when using Standard Error to interpret the results of the survey.*

4.5 Methods of Estimating Yield and Area

4.5.1 The average yield of paddy is derived based on planted area. Paddy within a selected plot in the sample (paddy lot or paddy plot) is harvested and the yield is measured, weighed (kg) and recorded accordingly. ***Simple average*** *technique is used to calculate the average yield of paddy within the samples and subsequently* ***weighted average*** *technique is used to produce estimates of average yield of paddy at strata, districts, states and Malaysia levels. There are three types of average yields of paddy reported in this report, namely:-*

a) ***Average yield of wet paddy*** *(kg/ha) is the average yield of paddy at harvest.*

b) ***Average yield of dried paddy*** *(kg/ha) is the average yield of paddy after drying when the moisture content reaches about 14%.*

c) ***Average yield of cleaned paddy*** *(kg/ha) is the average yield of paddy after drying, cleaning and when the moisture content is at exact 14%.*

4.5.2 As explained in paragraph 4.1.1 above, the hectareage of paddy inside the irrigation and outside the irrigation schemes were estimated through the census on all active AAUs. Subsequently the data are compiled to obtain estimates for the small sized strata and districts.

Lastly, the estimates of paddy planted inside the irrigation and outside the irrigation schemes are compiled to obtain data for the districts, states, Peninsular Malaysia and Malaysia levels.

5. CONCEPTS AND DEFINITIONS

5.1 Irrigation Scheme

An irrigation scheme refers to an irrigation project which is ***completed, commissioned, operated*** *and declared by the authority as an irrigation area. Most of these schemes are managed by formal government organisations such as Drainage and Irrigation Department (DID), MADA and KADA. Almost all schemes have gazetted boundaries. Very often this boundary is the same as the boundary stated when the project was first determined. There are a few irrigation schemes gazetted as irrigation areas based on the Irrigation Ordinance Act 1953 (Amended 1989).*

5.2 Outside Irrigation

Outside irrigation refers to an area planted with paddy without any irrigation system. Mostly, paddy planting in the area depends on the supply of rain water (rainfed area).

5.3 Name of Scheme

This refers to the official name of an irrigation scheme and this name is used in all administrative matters.

5.4 Granary Area

Granary areas refer to major irrigation schemes (above 4,000 hectares) and are recognised by the government in the National Agriculture Policy as the main paddy producing areas. There are ten granary areas in Malaysia, namely, MADA, KADA, IADA Kerian, IADA BLS, IADA P. Pinang, IADA Seberang Perak, IADA KETARA, IADA Kemasin Semerak, IADA Pekan and IADA Rompin.

5.5 Outside Granary Area

Outside granary areas refer to areas in minor irrigation schemes and areas outside irrigation schemes.

5.6 Paddy Parcel

A paddy parcel is a piece of land which is usually used for planting paddy. Paddy parcel can be classified as follows:-

(a) Active Paddy Parcel

(b) Miscellaneous Paddy Parcel

(c) Idle Paddy Parcel

5.7 Active Paddy Parcel

This refers to paddy parcel which is normally planted with paddy at least once in the last 3 years or during the past 5 seasons.

5.8 Miscellaneous Paddy Parcel

This refers to paddy parcel which is planted with cash or temporary crops, e.g., vegetables, maize, banana, sugar cane etc.

5.9 Idle Paddy Parcel

An idle paddy parcel is one which has no paddy activities or other temporary crops (not operated on) for the past 3 years or 5 seasons or more.

5.10 Lot

A lot is a piece of land that has been given a number, measured area and boundaries as determined by the Surveyor and Mapping Department. Details of the lot are recorded in the cadastral sheet or in the mukim registration book or the Key Plan of DID.

5.11 Paddy Lot

A paddy lot is a piece of land whereby a portion or the whole parcel is used for paddy planting irrespective whether it is planted once or more in a year without consideration of the conditions stated in the land grant. For each paddy lot there is a possibility of two crops or more in the planted parcel. Thus, the determination of paddy lot does not depend on the stated land conditions but instead on the ***actual usage of land****.*

5.12 Toll Land

A toll land is a piece of land with a specified boundary. This boundary is based on the operator's ownership or occupants on a temporary basis and with a possibility of paying yearly license. Normally toll land does not have a lot number or measured area on the cadastral sheet. The identification is based on temporary ownership letter number and name of the operator which is obtained from the land office.

5.13 Paddy Toll Land

Paddy toll land is a piece of land where a portion or a whole parcel is used for paddy planting whether it is planted once or more in a year.

5.14 Gross Area of Scheme

The gross area of a scheme includes paddy fields, farm roads, irrigations, drainage, structures, villages, orchards etc.

5.15 Net Area of Scheme

This is the overall paddy parcel area in the scheme, i.e., the gross area minus the

area for roads, irrigations, drainage, structures, villages, orchards etc.

5.16 Paddy Season

Paddy season refers to the activities of paddy planting from the preparation of land to harvesting.

5.17 Main Season

Main season is a period whereby paddy planting is very suitable based on local climate (rainy season) and does not depend totally on irrigation system. For administrative purposes, Main Season is defined as the period ***when paddy is planted*** *in which the commence date of* ***planting**** *falls between* ***1st August to 28th / 29th February of the following year****.*

5.18 Off Season

Off Season is a dry period and paddy planting normally depends on an irrigation system. For administrative purposes, Off Season is defined as the period ***when paddy is planted*** *in which the commence date of* ***planting**** *falls between* ***1st March to 31st July of the year****.*

5.19 Yearly Data

Yearly data for paddy refers to data reported in both seasons, i.e., the Main Season and the Off Season. For example, data for 2014 refers to the Main Season 2013/2014 and the Off Season 2014. This concept applies to average yield of paddy, area planted and estimate of paddy production.

** Definition of planting is sowing for direct seeding system and transplanting for nursery system.*

Paddy Production Survey Report
Main Season 2014/2015

PADDY PRODUCTION SURVEY REPORT
MAIN SEASON 2014/2015

1. INTRODUCTION

This report gives an overall result of the Paddy Production Survey (PPS), Main Season 2014/2015 for paddy planted in Malaysia. The Main Season 2014/2015 refers to the period of paddy planting between 1st August 2014 to 28th February 2015.

2. RESPONSE RATE

2.1 Yield Survey

*The response rate for the PPS carried out in Peninsular Malaysia during the Main Season 2014/2015 was height. The response rate for the Yield Survey was 100% with all 2,262 samples of those responded and could be analysed (**Refer to Table A1 - page 46**).*

*For the state of Sabah, the response rate was 100%. Out of a total of 443 samples that responded, 373 samples (84.2%) were analysed. The remaining 70 samples (15.8%) could not be analysed (either changed to other crops, was misharvested, paddy lots could not be located or due to other reasons) (**Refer to Table A1 - page 46**).*

*For the state of Sarawak, the response rate was 100%. Out of a total of 432 samples that responded, 431 samples (99.8%) were analysed and the remaining 1 samples (0.2%) could not be analysed (**Refer to Table A1 - page 46**).*

*For the granary areas, the response rate was 100% which all 1,591 samples of those responded and could be analysed this season (**Refer to Table A2 - page 47**).*

2.2 Paddy Cultivation Activity Area Survey

*From the Main Season 1997/1998, Paddy Cultivation Activity Area Survey is carried out on a monthly census basis for all active Artificial Area Units (AAU) in Peninsular Malaysia. During Main Season 2014/2015, the number of AAU's conducted for the census were 411 for areas with irrigation and 144 for areas outside irrigation. For the states of Sabah and Sarawak, the State's Department of Agriculture concerned reported the area planted based on their respective procedures (**Refer to Table B5 – page 64**).*

Table 1: Samples Planned And Responded By Main Season, Peninsular Malaysia, 2010 – 2015 (Yield Survey)

Main Season	*No. of Samples Planned*	*Responded*	
		Number	*Percentage*
2009/2010	2,265	2,249	99.
2010/2011	2,265	2,265	100
2011/2012	2,269	2,260	99
2012/2013	2,211	2,202	99
2013/2014	2,279	2,279	100
2014/2015	2,262	2,262	100

3. DATA PRESENTATION

Since the Main Season of 1993/1994, several changes were made in the data contents presented in which data on Dryland Paddy were also incorporated. These tables include data on yield, planted area and production for ***all types of paddy, Wetland Paddy and Dryland Paddy.*** *However, the detail data regarding farm practices and other information shown in Table A1 to Table D5 refers to wetland paddy only.*

In the tables regarding yield, the average yield of paddy were normally reported in three categories, i.e., average yield of wet paddy, average yield of dried paddy and average yield of cleaned paddy. As decided by the PPS Committee at the national level, the data on the average yield of paddy mentioned in this report as well as by other agencies requesting for data on yield will be based solely on cleaned paddy.

*To further improve the usefulness of this report, time series data are also included as Appendices (****Appendix 5 – page 113 to Appendix 44 – page 152****).*

4. RESULTS OF PADDY PRODUCTION SURVEY

4.1 Overall Yield of Paddy

*The average yield of paddy at national level for the Main Season 2014/2015 was 3,580 kg/ha, decreased by 6.2% compared to 3,796 kg/ha during the Main Season 2013/2014. The overall planted paddy area was 415,628 ha, a decreased by 0.15% from 416,261 ha planted during the Main Season 2013/2014 (**Refer to Table 2 – page 36**).*

*For Peninsular Malaysia, the average yield of paddy for this season was 4,364 kg/ha with a paddy planted area of 266,249 ha compared to 4,725 kg/ha planted on 264,441 ha during the Main Season 2013/2014 (**Refer to Table 2 – page 36**).*

*The estimated paddy production for all states during this season was 1.49 million metric tonnes. The production from Peninsular Malaysia contributed 78.0% (1.16 million metric tonnes) to the overall national paddy production while Sabah and Sarawak contributed 22.0% (0.3 million metric tonnes) (**Refer to Table 2 – page 36**).*

*The contribution by the granary areas was 82.3% (0.96 million metric tonnes) of the total paddy production in Peninsular Malaysia (**Refer to Table B17 – page 84**).*

4.2 Wetland Paddy

*Wetland Paddy is the primary paddy type planted in Malaysia. It comprises of different paddy varieties. The overall average yield of Wetland Paddy during the Main Season 2014/2015 was 4,026 kg/ha with 353,201 ha of planted area compared to 4,297 kg/ha with a planted area of 352,729 ha in the same period of 2013/2014 (**Refer to Table 2- page 36**).*

4.2.1 Wetland Paddy in Peninsular Malaysia

*The average yield of Wetland Paddy in Peninsular Malaysia was 4,364 kg/ha with a planted area of 266,249 ha. This accounted for 75.4% of the total planted area of Wetland Paddy in Malaysia (**Refer to Table 2 – page 36**). The total paddy parcel area registered in Peninsular Malaysia was 291,086 ha, of which 91.5% was planted this season (**Refer to Table B5 – page 64**).*

*An analysis of the yield distribution reveals that 1,536 of the total samples (67.9%) show an average yield of more than 4 tonnes/ha. Of this, 20 samples had an average yield of more than 8 tonnes/ha (**Refer to Table B14 – page 81**).*

Table 2: Average Yield, Planted Area and Paddy Production by Region and Main Seasons, Malaysia, 2013 - 2015

Region	Main Season 2012/2013			Main Season 2013/2014			Main Season 2014/2015		
	Yield (Kg/Ha)	Area (Ha)	Production (Metric Tonnes)	Yield (Kg/Ha)	Area (Ha)	Production (Metric Tonnes)	Yield (Kg/Ha)	Area (Ha)	Production (Metric Tonnes)
Pen. Malaysia	**4,148**	**262,761**	**1,089,814**	**4,725**	**264,441**	**1,249,422**	**4,364**	**266,249**	**1,161,964**
i) *Wetland Paddy*	**4,148**	**262,761**	**1,089,814**	**4,725**	**264,441**	**1,249,422**	**4,364**	**266,249**	**1,161,964**
ii) D*ryland Paddy*	-	-	-	-	-	-	-	-	-
Sabah	**3,126**	**28,763**	**89,908**	**3,344**	**28,633**	**95,740**	**3,086**	**28,239**	**87,142**
i) *Wetland Paddy*	3,348	22,809	76,354	3,512	22,199	77,969	3,521	22,134	77,928
ii) D*ryland Paddy*	2,277	5,954	13,554	2,762	6,434	17,771	1,509	6,105	9,214
Sarawak	**1,886**	**133,836**	**252,394**	**1,908**	**123,187**	**235,094**	**1,972**	**121,140**	**238,928**
i) *Wetland Paddy*	2,844	72,015	204,811	2,848	66,089	188,221	2,811	64,818	182,203
ii) *Dryland Paddy*	770	61,821	47,583	758	57,098	43,296	752	56,322	42,370
Malaysia	**3,367**	**425,360**	**1,432,116**	**3,796**	**416,261**	**1,580,256**	**3,580**	**415,628**	**1,488,034**
i) *Wetland Paddy*	3,834	357,585	1,370,979	4,297	352,729	1,515,612	4,026	353,201	1,422,095
ii) *Dryland Paddy*	902	67,775	61,137	961	63,532	61,067	826	62,427	51,584

*In Peninsular Malaysia, Wetland Paddy is cultivated in two types of paddy fields, i.e. inside irrigation schemes and outside irrigation schemes. During this season, 239,009 ha inside irrigation schemes were planted giving an average yield of 4,480 kg/ha while 27,240 ha were planted outside irrigation schemes with an average yield of 3,343 kg/ha (**Refer to Table B1 - page 48 and Table B5 - page 64**).*

*An analysis of Peninsular Malaysia shows a lower average yield of the previous Main Season 2013/2014 (**Refer to Table 3 - page 37**). The state of Selangor recorded the highest average yield of 6,117 kg/ha with a planted hectareage of 19,057 ha while the state with the lowest average yield during this season was Pahang with an average yield of 3,706 kg/ha on a planted area of 7,453 ha (**Refer to Table 3 – page 37**).*

4.2.2 Wetland Paddy in Sabah and Sarawak

*The average yield of Wetland Paddy in Sabah for the Main Season 2014/2015 was 3,521 kg/ha, an increase of 0.3% compared to 3,512 kg/ha recorded in the same period of 2013/2014. The paddy planted area during this season was 22,134 ha, a decreased by 0.3% when compared to the previous Main Season (**Refer to Table 2 - page 36**).*

Table 3: Average Yield and Planted Area of Wetland Paddy by State and Main Seasons, Malaysia, 2013 - 2015

State	Main Season 2012/2013		Main Season 2013/2014		Main Season 2014/2015	
	Yield (Kg/Ha)	Area (Ha)	Yield (Kg/Ha)	Area (Ha)	Yield (Kg/Ha)	Area (Ha)
JOHOR	3,955	1,525	4,493	1,555	3,926	1,540
KEDAH	3,669	104,205	4,809	106,329	4,063	107,276
KELANTAN	3,833	40,746	3,967	39,546	3,985	39,999
MELAKA	4,048	1,424	3,577	1,238	4,026	1,353
N. SEMBILAN	4,426	1,062	4,554	1,160	4,143	1,100
PAHANG	2,688	5,955	2,756	7,343	3,706	7,453
PERAK	4,312	41,030	4,383	40,961	4,170	40,822
PERLIS	4,459	26,031	5,058	26,059	4,468	26,029
P. PINANG	5,582	12,782	5,692	12,782	5,774	12,782
SELANGOR	6,198	18,899	6,247	18,925	6,117	19,057
TERENGGANU	4,101	9,102	4,911	8,543	5,220	8,838
PEN. MALAYSIA	4,148	262,761	4,725	264,441	4,364	266,249
SABAH	3,348	22,809	3,512	22,199	3,521	22,134
SARAWAK	2,844	72,015	2,848	66,089	2,811	64,818
MALAYSIA	**3,834**	**357,585**	**4,297**	**352,729**	**4,026**	**353,201**

*From the yield distribution table, 244 of the total samples (65.4%) in Sabah had an average yield of more than 4 tonnes/ha during this season. Of this, 29 samples had an average yield of more than 6 tonnes/ha (**Refer to Table B14 - page 81**).*

For the state of Sarawak, the average yield of Wetland Paddy was 2,811 kg/ha, a decreased by 1.3% compared to the average yield of 2,848 kg/ha during the same period

*of 2013/2014. The paddy planted area was 64,818 ha, a decreased by 1.9% compared to 66,089 ha in the previous Main Season (**Refer to Table 2 - page 36**).*

4.2.3 Wetland Paddy in granary areas

*The average yield of paddy in the ten granary areas was 4,687 kg/ha, a decreased by 9.4% over the previous Main Season's yield of 5,171 kg/ha. A total of 204,178 ha in the granary areas were planted with paddy, accounting for 77.2% of the total paddy hectareage planted, 266,249 ha in Peninsular Malaysia during the Main Season 2014/2015. This season's total paddy hectareage had an increase of 0.6% compared to 202,877 ha planted in the previous Main Season 2013/2014 (**Refer to Table 4 - page 39**).*

*An analysis of the yield distribution table reveals that 1,269 of 1,591 samples had an average yield of more than 4 tonnes/ha and of this, 18 samples had obtained an average yield of more than 8 tonnes/ha (**Refer to Table B15 - page 82**).*

Six of the ten granary areas had recorded a higher average yield of paddy compared to the Main Season 2013/2014 except in the granary area of KADA, IADA Barat Laut Selangor, IADA Seberang Perak, and IADA Ketara. The following are comments for each of the granary areas:-

i. MADA

*The average yield of paddy in MADA is 4,480 kg/ha, a decreased by 0.6% compared to 5,536 kg/ha of the previous Main Season 2013/2014 (**Refer to Table 4 – page 39**). A total of 545 (80.7%) samples had an average yield of more than 4 tonnes/ha and of this, 14 samples had an average yield of more than 6 tonnes/ha (**Refer to Table B15 – page 82**). The paddy planted area during this season was 95,349 ha, an increase of 0.6% compared to 94,779 ha during the previous Main Season 2013/2014 (**Refer to Table 4 - page 39**).*

ii. KADA

*KADA had an average yield of 4,597 kg/ha of paddy, an increase of 4.3% when compared to 4,406 kg/ha of the Main Season 2013/2014 (**Refer to Table 4 – page 39**). The average yield distribution analysis shows that 225 (82.4%) of the samples had a yield of more than 4 tonnes/ha and 17 samples with an average yield above 6 tonnes/ha (**Refer to Table B15 – page 82**). The area planted with paddy, a decreased by 0.8% to 25,332 ha when compared to the previous Main Season 2013/2014 of 25,129 ha (**Refer to Table 4 - page 39**).*

Table 4: Average Yield and Planted Area of Wetland Paddy by Granary Area and Main Season, Peninsular Malaysia, 2013-2015

Granary Area	Main Season 2012/2013		Main Season 2013/2014		Main Season 2014/2015	
	Yield (Kg/Ha)	Area (Ha)	Yield (Kg/Ha)	Area (Ha)	Yield (Kg/Ha)	Area (Ha)
MADA	4,466	92,047	5,536	94,779	4,480	95,349
KADA	4,267	26,279	4,406	25,129	4,597	25,332
IADA KERIAN	4,335	20,983	4,396	20,972	4,500	20,972
IADA BLS	6,198	18,899	6,247	18,925	6,117	19,057
IADA P. PINANG	5,818	10,305	5,692	12,782	5,774	12,782
IADA SEBERANG PERAK	4,491	13,843	4,634	13,803	3,888	13,831
IADA KETARA	5,592	4,876	5,996	4,876	5,805	4,876
IADA KEMASIN SEMERAK	3,546	4,635	3,823	4,763	3,874	4,835
IADA PEKAN	-	-	2,338	4,323	2,737	4,561
IADA ROMPIN	-	-	3,586	2,525	5,972	2,583
Total	**4,676**	**191,867**	**5,171**	**202,877**	**4,687**	**204,178**

iii. IADA KERIAN

*The average yield of paddy in IADA KERIAN was 4,500 kg/ha, an increase of 2.4% when compared to the previous Main Season's average yield of 4,396 kg/ha (**Refer to Table 4 – page 39**). An analysis of the average yield distribution shows that 126 (80.8%) of the samples had achieved more than 4 tonnes/ha and 4 samples with an average yield of more than 6 tonnes/ha (**Refer to Table B15 – page 82**). The paddy planted area during this season was 20,972 ha same as the previous Main Season 2013/2014 (**Refer to Table 4 - page 39**).*

iv. IADA Barat Laut Selangor

*IADA BLS had an average yield of 6,117 kg/ha of paddy, a decreased by 2.1% when compared to 6,247 kg/ha of the previous Main Season (**Refer to Table 4 – page 39**). It was found that 103 (93.6%) of the samples had an average yield of more than 4 tonnes/ha and of this, 15 samples had an average yield of more than 8 tonnes/ha (**Refer to Table B15 – page 82**). The area planted with paddy, an increase of 0.7% to 19,057 ha when compared to the previous Main Season 2013/2014 of 18,925 ha (**Refer to Table 4 - page 39**).*

v. IADA P. Pinang

*IADA P. Pinang had an average yield of 5,774 kg/ha of paddy this season, an increase of 1.4% compared to 5,692 kg/ha achieved during the previous Main Season (**Refer to Table 4 – page 39**). The average yield distribution reveals that 111 (100.0%) samples had an average yield of more than 4 tonnes/ha and of this, 37 samples had an average yield of more than 6 tonnes/ha (**Refer to Table B15 – page 82**). The paddy planted area during this season was 12,782 ha same as the previous Main Season 2013/2014 (**Refer to Table 4 - page 39**).*

vi. IADA Seberang Perak

*IADA Seberang Perak had achieved an average yield of 3,888 kg/ha of paddy this season. A decreased by of 16.1% when compared to the average yield of 4,634 kg/ha in the Main Season 2013/2014 (**Refer to Table 4 – page 39**). From the average yield distribution, it was shown that 43 (44.3%) of the samples had an average yield of more than 4 tonnes/ha (**Refer to Table B15 – page 82**). The total area planted with paddy this season was 13,831 ha, an increase of 0.2% compared to the previous Main Season's figure of 13,803 ha (**Refer to Table 4 - page 39**).*

*The paddy planting area in this Perak Tengah project is split into blocks, i.e., Block by the Public and Block by FELCRA. An average paddy yield of 4,363 kg/ha was produced in the Block by the Public with a planted area of 3,021 ha while in the Block by FELCRA, the average yield attained was 3,752 kg/ha with a planted area of 5,199 ha. Hilir Perak planting area, had an average yield of 3,757 kg/ha with a planted area of 5,611 ha (**Refer to Table B12 - page 79**).*

vii. IADA KETARA

*IADA KETARA had produced an average yield of 5,805 kg/ha of paddy, a decreased by 3.2% over the previous main season's average yields of 5,996 kg/ha (**Refer to Table 4 – page 39**). From the samples surveyed, 61 (100%) samples had obtained an average yield of more than 4 tonnes/ha and of this, 24 samples that had an average yield of more than 6 tonnes/ha (**Refer to Table B15 – page 82**). The paddy planted area this season was 4,876 ha, same as the previous Main Season 2013/2014 (**Refer to Table 4 - page 39**).*

viii. IADA Kemasin Semerak

*An average paddy yield of 3,874 kg/ha was produced by IADA Kemasin Semerak this season, an increase of 1.36% to the previous Main Season's average yield of 3,823 kg/ha (**Refer to Table 4 – page 39**). The average yield distribution table shows that 21 samples (49.0%) had an average yield of more than 4 tonnes/ha and of this, 2 samples that had an average yield of more than 6 tonnes/ha (**Refer to Table B15 – page 82**). The total planted paddy area was 4,835 ha, an increase of 1.5% when compared to 4,763 ha planted during the Main Season 2013/2014 (**Refer to Table 4 - page 39**).*

ix. IADA Pekan

*The average yield of paddy in IADA Pekan is 2,737 kg/ha, an increase of 17.1% compared to 2,338 kg/ha of the previous Main Season 2013/2014 (**Refer to Table 4 – page 39**). A total of 22 (48.9%) samples had an average yield of more than 4 tonnes/ha and of this, 6 samples had an average yield of more than 6 tonnes/ha (**Refer to Table B15 – page 82**). The paddy planted area during this season was 4,561 ha, an increase of 5.5% compared to 4,323 ha during the previous Main Season 2013/2014 (**Refer to Table 4 - page 39**).*

x. IADA Rompin

*The average yield of paddy in IADA Rompin is 5,972 kg/ha, an increase of 66.5% compared to 3,586 kg/ha of the previous Main Season 2013/2014 (**Refer to Table 4 – page 39**). A total of 12 (100%) samples had an average yield of more than 4 tonnes/ha and of this, 8 samples had an average yield of more than 6 tonnes/ha (**Refer to Table B15 – page 82**). The paddy planted area during this season was 2,583 ha, an increase of 2.3% compared to 2,525 ha during the previous Main Season 2013/2014 (**Refer to Table 4 - page 39**).*

4.3 Dryland Paddy

*The Dryland Paddy includes those planted in the highland and lowland. At the national level, the average yield of Dryland Paddy was 826 kg/ha with a total planted area of 62,427 ha. This type of paddy is commonly planted in Sarawak with an area of 56,322 ha and Sabah with an area of 6,105 ha. Dryland Paddy was not planted in Peninsular Malaysia this season (**Refer to Table 2 – page 36**).*

5. SEEDING RATE

*The average seeding rates of paddy in Peninsular Malaysia by various methods of planting were 72 kg/ha – manual, 76 kg/ha - transplanter, 138 kg/ha - broadcasting (puddled field), 121 kg/ha - broadcasting (dry field) and 142 kg/ha broadcasting in water field (**Refer to Table C7 - page 95**).*

*In the state of Sabah, it was found that the average seeding rates were 79 kg/ha – manual, 117 kg/ha - broadcasting (puddled field) and 130 kg/ha - broadcasting (dry field) (**Refer to Table C7 - page 95**).*

*In the granary areas, the average seeding rates according to the methods of planting were 74 kg/ha – manual, 76 kg/ha - transplanter, 143 kg/ha - broadcasting (puddled field), 112 kg/ha - broadcasting (dry field) and 145 kg/ha – broadcasting in water field (**Refer to Table C8 - page 96**).*

6. DISTRIBUTION AND POTENTIAL YIELD OF PADDY VARIETIES

*In Peninsular Malaysia, three paddy varieties recommended by MARDI were frequently planted during this season, i.e., MR 220 CL2 (56.9%), MR 263 (17.9%), MR 219 (8.3%). Other varieties were also planted by paddy farmers but were in small percentages (**Refer to Table C1 – page 88-89**).*

*In the granary areas, the percentage of variety MR 220 CL2 had exceeded other varieties, i.e., 64.7% followed by varieties MR 263 (17.9%), MR 269 (5.3%) and MR 219 (5.0%). Other varieties that were also planted were in small percentages (**Refer to Table C2 – page 90**).*

*It is seen in **Table C3 – page 91**, from the 8 most popular paddy varieties planted, the average yield of cleaned paddy MR 220 CL2 this season was 4,384 kg/ha while MR 220 CL1 produced 4,486 kg/ha. The highest yield attained by MR 220 CL2 and MR 269 were 9,655 kg/ha and 8,979 kg/ha respectively. For the state of Sabah, the popular paddy varieties planted were TR8 (44.0%), Tempatan (37.3%) and Sarawak (7.2%). The average yield of wet paddy obtained from that variety was 4,282 kg/ha, 4,116 kg/ha and 4,226 kg/ha (**Refer to Table C11 – page 99**).*

7. MECHANISATION

*In respect of machines usage in paddy planting activities in Peninsular Malaysia, 100% of the samples had mechanised their activities during land preparation, 1.6% transplanter, 84.3% seed sowing, 79.3% manuring, 87.6% chemical spraying and 100% paddy harvesting (**Refer to Table C9 – page 97**).*

*For the state of Sabah, the usage of machines in land preparation was 66.8% and paddy harvesting 56.6%. For other activities, seed sowing was 51.7%, manuring 11.5% and chemical spraying 6.2% (**Refer to Table C9 – page 97**).*

*In the granary areas, mechanisation in land preparation was 100%, 2.1% transplanter, 90.2% seed sowing, 89.9% manuring, 94.4% chemical spraying and 100% paddy harvesting (**Refer to Table C10, page 98**).*

8. FERTILIZER USAGE

A revised questionnaire with additional information has been used to collect data on fertilizer usage beginning the Main Season of 1999/2000 at eight granary areas.

The response rate for the fertilizer usage survey was 92.8% with 1,476 samples out of 1,591 samples were analysed. For Main Season 2014/2015, farmers receive subsidies fertilizers in the form of complex fertilizer as well as single fertilizers namely urea. The total 1,476 samples analyzed, 100.0% used first application of complex fertilizer according to the recommended time at an average of 19 Days After Sowing (DAS) with average rate of 209.0 kg/ha. A total of 320(21.7%) samples applied second application of complex fertilizer at an average of 48 DAS and at the average rate of 121.0 kg/ha. In the first application of urea fertilizer, 98.1% samples applied at the average rate of 91.5 kg/ha and an average of 33 DAS, while 125(8.5%) samples applied second application urea fertilizer at a rate of 58.4 kg/ha and an average rate of 46 DAS.

For the additional fertilizer, a total of 1,236(83.7%) samples used first application of additional fertilizer at 54 DAS and at the rate of 145.7 kg/ha. A total of 392(80.2%) samples applied fertilizer application organic fertilizer.

*Besides fertilizer subsidies, farmers also used additional fertilizers purchased. Of the total 192(13.0%) samples applied of others additional fertilizer at the rate of 121.3 kg/ha and an average of 60 DAS, while 50(3.4%) samples applied second application urea fertilizer at a rate of 79.4 kg/ha and an average rate of 59 DAS. (**Refer to Table C12, C13 & C14 – page 100, 101 & 102**).*

*The average rate of nutrients used in all granary areas were 112.1 kg/ha of Nitrogen (N), 67.0 kg/ha of Phosphorous (P_2O_5) and 66.3 kg/ha of Potassium (K_2O). The highest rate used was recorded in KADA followed by IADA Ketara, that is, at 189.36 kg/ha N, 146.50 kg/ha P_2O_5 and 131.66 kg/ha K_2O and 137.13 kg/ha N, 103.87 kg/ha P_2O_5 and 85.06 kg/ha K_2O respectively (**Refer to Table C15 – page 103**).*

9. RESULTS OF DRIAGE TESTS

9.1 Response Rate

*A total of 1,191 samples were planned for the driage tests in Peninsular Malaysia during this Main Season. 1,191 samples (100%) were analysed. The driage tests conducted at the 12 stations are important as the results formed the bases of determining the conversion factors of dried and cleaned paddy which are then used in estimating the yield (**Refer to Table D1 –page 104**).*

9.2 Dried Paddy and Cleaned Paddy Factors and Percentage of Unfilled Grain

i. Peninsular Malaysia

*A sample of 1kg of paddy from the selected samples was taken and used for the driage tests. Based on the results of these driage tests conducted in stations throughout Peninsular Malaysia, the average dried weight of paddy and the average cleaned weight of paddy (at exact 14% Moisture Content) were obtained from the respective states and granary areas. The average dried weight and the average cleaned weight were used as factors to convert the average yield of wet paddy to the average yields of dried and cleaned paddy at the state, granary areas, paddy class and main variety levels. The average dried weight and the average cleaned weight for Peninsular Malaysia were calculated to be 0.884 and 0.824 respectively (**Refer to Table D2 - page 105**).*

*The trend for the factors of dried and cleaned paddy by state and granary areas are shown in **Appendices 48 and 49 - pages 156 and 157** respectively. The percentage of overall unfilled grain this season was 8.6%, an increase of when compared to the previous Main Season's percentage of 6.2% (**Refer to Appendix 48 – page 156**).*

ii. Sabah

*For the state of Sabah the factors of dried and cleaned paddy of Sabah are 0.820 and 0.750 for this season. The percentage of unfilled grain this season 8.4% (**Refer to Appendix 46 – page 154**).*

iii. Sarawak

*For the state of Sarawak, the factor for dried and cleaned paddy are 0.940 and 0.881. The percentage of unfilled grain this season was 5.9% same as the previous Main Season 2013/2014 (**Refer to Appendix 46 – page 154**).*

JADUAL-JADUAL PENYIASATAN PENGELUARAN PADI (PADI SAWAH)

Table on Paddy Production Survey (Wetland Paddy)

SAMBUTAN

Response

JADUAL A1: BILANGAN SAMPEL (LOT) YANG DIRANCANG, SAMBUTANNYA SERTA YANG DILAKSANA MENGIKUT NEGERI, MALAYSIA, MUSIM UTAMA 2014/2015

Table A1: Number of sample (lots) planned, responded and conducted by state, Malaysia, Main Season 2014/2015

NEGERI *State*	BILANGAN SAMPEL (LOT) DIRANCANG *Number of sample (lots) planned*	BILANGAN SAMPEL (LOT) MENDAPAT SAMBUTAN *Number of sample (lots) responded*	% SAMBUTAN *Responded*	BILANGAN SAMPEL (LOT) YANG MENDAPAT SAMBUTAN *Number of sample (lots) responded*		
				TIDAK BERTANAM *Not planted*	LAIN-LAIN * *Others*	DITERIMA UNTUK ANALISIS *Accepted for analysis*
(1)	(2)	(3)	(4)	(5)	(6)	(7)
JOHOR	27	27	100.0	-	-	27
KEDAH	740	740	100.0	-	-	740
KELANTAN	480	480	100.0	-	-	480
MELAKA	38	38	100.0	-	-	38
N. SEMBILAN	30	30	100.0	-	-	30
PAHANG	81	81	100.0	-	-	81
PERAK	304	304	100.0	-	-	304
PERLIS	200	200	100.0	-	-	200
PULAU PINANG	111	111	100.0	-	-	111
SELANGOR	110	110	100.0	-	-	110
TERENGGANU	141	141	100.0	-	-	141
SEM. MALAYSIA *Pen. Malaysia*	2,262	2,262	100.0	-	-	2,262
SABAH	443	443	100.0	-	70	373
SARAWAK	432	432	100.0	-	1	431
MALAYSIA	3,137	3,137	100.0	-	71	3,066

Nota / *Note:*

* Berubah tanaman, tertuai dan lot tidak dapat dikesan / *changed to other crops, was misharvested and paddy lots could not be located*

JADUAL A2: BILANGAN SAMPEL (LOT) YANG DIRANCANG, SAMBUTANNYA SERTA YANG DILAKSANA MENGIKUT KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table A2: Number of samples (lots) planned, responded and conducted by granary area, Peninsular Malaysia, Main Season 2014/2015

JELAPANG PADI *Granary Area*	BILANGAN SAMPEL (LOT) DIRANCANG *Number of sample (lots) planned*	BILANGAN SAMPEL (LOT) MENDAPAT SAMBUTAN *Number of sample (lots) responded*	% SAMBUTAN *Responded*	BILANGAN SAMPEL (LOT) YANG MENDAPAT SAMBUTAN *Number of sample (lots) responded*		
				TIDAK BERTANAM *Not planted*	LAIN-LAIN * *Others*	DITERIMA UNTUK ANALISIS *Accepted for analysis*
(1)	(2)	(3)	(4)	(5)	(6)	(7)
MADA	675	675	100.0	-	-	675
KADA	273	273	100.0	-	-	273
IADA KERIAN	156	156	100.0	-	-	156
IADA BLS	110	110	100.0	-	-	110
IADA P. PINANG	111	111	100.0	-	-	111
IADA SEB. PERAK	97	97	100.0	-	-	97
IADA KETARA	61	61	100.0	-	-	61
IADA KEM. SEMERAK	51	51	100.0	-	-	51
IADA PEKAN	45	45	100.0	-	-	45
IADA ROMPIN	12	12	100.0	-	-	12
JUMLAH *Total*	1,591	1,591	100.0	-	-	1,591

Nota / *Note:*

* Berubah tanaman, tertuai dan lot tidak dapat dikesan / *changed to other crops, was misharvested and paddy lots could not be located*

HASIL, KELUASAN DAN PENGELUARAN

Yield, Hectarage and Production

JADUAL B1: PURATA HASIL PADI BASAH, KERING DAN BERSIH MENGIKUT NEGERI, JENIS KAWASAN DAN RALAT PIAWAI RELATIF, MALAYSIA, MUSIM UTAMA 2014/2015

Table B1: Average yield of wet, dried and cleaned paddy by state, area type and Relative Standard Error, Malaysia, Main Season 2014/2015

NEGERI *State*	PURATA HASIL PADI (KG/HA) *Average yield of paddy (kg/ha)*									Ralat Piawai Relatif (%) *Relative Standard Error (%)*		
	BASAH *Wet*			KERING *Dried*			BERSIH *Cleaned*					
	KESE-LURUHAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*	KESE-LURUHAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*	KESE-LURUHAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*	KESE-LURUHAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
JOHOR	4,882	4,913	4,317	4,180	4,206	3,695	3,926	3,951	3,471	3.4	3.5	7.6
KEDAH	4,937	5,062	4,237	4,473	4,586	3,839	4,063	4,166	3,487	0.9	1.0	3.1
KELANTAN	4,572	4,885	2,545	4,314	4,609	2,401	3,985	4,257	2,218	0.9	0.9	3.5
MELAKA	4,704	5,167	4,136	4,140	4,547	3,640	4,026	4,422	3,540	1.9	2.8	2.1
N. SEMBILAN	5,003	5,003	-	4,213	4,213	-	4,143	4,143	-	1.8	1.8	-
PAHANG	4,599	4,686	-	3,972	4,047	-	3,706	3,776	-	3.5	3.3	-
PERAK	5,576	5,580	3,467	4,761	4,765	2,961	4,170	4,174	2,593	1.0	1.0	6.6
PERLIS	5,310	5,324	5,223	4,587	4,599	4,512	4,468	4,480	4,395	1.3	1.4	10.0
PULAU PINANG	6,837	6,837	-	5,967	5,967	-	5,774	5,774	-	0.9	0.9	-
SELANGOR	7,540	7,540	-	6,162	6,162	-	6,117	6,117	-	2.0	1.5	-
TERENGGANU	6,289	6,461	4,275	5,543	5,694	3,768	5,220	5,363	3,548	1.7	1.8	2.1
SEM. MALAYSIA *Pen. Malaysia*	5,328	5,477	4,014	4,714	4,838	3,620	4,364	4,480	3,343	1.2	0.6	1.9
SABAH	4,234	-	-	-	-	-	3,521	-	-	-	-	-
SARAWAK	3,191	-	-	3,001	-	-	2,811	-	-	2.7	-	-
MALAYSIA	4,868	5,477*	4,014*	4,714*	4,838*	3,620*	4,026	4,480*	3,343*	3.9	0.6*	1.9*

Catatan: **Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).**
Notes: *Refer to the symbols used in Notes I, page (xxxii).*

* **Merujuk kepada Semenanjung Malaysia sahaja.**
Refers to Peninsular Malaysia only.

JADUAL B2: PURATA HASIL PADI BASAH MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015

Table B2: Average yield of wet paddy by state, district and area type, Malaysia, Main Season 2014/2015

NEGERI/DAERAH *State/District*	PURATA HASIL PADI BASAH (KG/HA) *Average yield of wet paddy (kg/ha)*						
	KESELURUHAN *Overall*			JELAPANG PADI *Granary Area*	LUAR JELAPANG PADI *Outside Granary Area*		
	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*		KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*
(1)	-2	-3	-4	-5	-6	-7	-8
JOHOR	**4,882**	**4,913**	**4,317**	**-**	**4,882**	**4,913**	**4,317**
1. Batu Pahat	4,727	4,727	-	-	4,727	4,727	-
2. Kluang	3,558	3,558	-	-	3,558	3,558	-
3. Mersing	4,345	4,350	4,317	-	4,345	4,350	4,317
4. Ledang	6,128	6,128	-	-	6,128	6,128	-
5. Muar	3,617	3,617	-	-	3,617	3,617	-
KEDAH	**4,937**	**5,062**	**4,237**	**5,117**	**4,473**	**4,754**	**4,237**
1. Baling	3,322	3,346	3,296	-	3,322	3,346	3,296
2. Bandar Baru	6,212	6,212	-	-	6,212	6,212	-
3. Kota Setar	4,222	4,811	4,111	-	4,222	4,811	4,111
4. Kuala Muda	4,178	4,463	3,582	-	4,178	4,463	3,582
5. Kubang Pasu	4,340	4,167	4,535	-	4,340	4,167	4,535
6. Kulim	4,614	4,614	-	-	4,614	4,614	-
7. Langkawi	5,975	6,682	5,069	-	5,975	6,682	5,069
8. Padang Terap	4,356	4,053	4,386	-	4,356	4,053	4,386
9. Pendang	4,318	3,969	4,421	-	4,318	3,969	4,421
10. Sik	4,138	4,147	4,122	-	4,138	4,147	4,122
11. Yan	4,085	3,565	5,333	-	4,085	3,565	5,333
12. MADA Wilayah II	5,122	5,122	-	5,122	-	-	-
13. MADA Wilayah III	4,996	4,996	-	4,996	-	-	-
14. MADA Wilayah IV	5,212	5,212	-	5,212	-	-	-
KELANTAN	**4,572**	**4,885**	**2,545**	**5,086**	**2,998**	**3,537**	**2,545**
1. Bachok	5,358	5,364	3,144	5,543 *	3,144	-	3,144
				4,368 **			
2. Jeli	5,750	5,750	-	-	5,750	5,750	-
3. Kota Bharu	5,106	5,121	2,586	5,031 *	3,877	6,182	2,586
				5,164 *			
4. Kuala Krai	1,659	2,323	-	-	1,659	2,323	-
5. Machang	4,064	4,114	3,927	-	4,064	4,114	3,927
6. Pasir Mas	4,045	4,901	2,001	4,966 *	2,521	4,400	2,001
7. Pasir Puteh	4,222	4,468	2,534	5,321 *	2,014	1,221	2,534
				4,340 **			
8. Tanah Merah	2,666	2,606	2,856	-	2,666	2,606	2,856
9. Tumpat	5,191	5,307	4,008	5,389 *	3,921	3,750	4,008

* KADA ** IADA Kemasin Semerak

Catatan: Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).
Notes: *Refer to the symbols used in Notes I, page (xxxii).*

JADUAL B2: PURATA HASIL PADI BASAH MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015 (SAMB.)

Table B2: Average yield of wet paddy by state, district and area type, Malaysia, Main Season 2014/2015 (cont'd.)

NEGERI/DAERAH *State/District*	PURATA HASIL PADI BASAH (KG/HA) *Average yield of wet paddy (kg/ha)*						
	KESELURUHAN *Overall*			JELAPANG PADI *Granary Area*	LUAR JELAPANG PADI *Outside Granary Area*		
	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*		KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
MELAKA	**4,704**	**5,167**	**4,136**	**-**	**4,704**	**5,167**	**4,136**
1. Alor Gajah	4,976	5,033	3,500	-	4,976	5,033	3,500
2. Jasin	5,328	6,329	3,789	-	5,328	6,329	3,789
3. Melaka Tengah	4,310	4,376	4,264	-	4,310	4,376	4,264
N. SEMBILAN	**5,003**	**5,003**	**-**	**-**	**5,003**	**5,003**	**-**
1. Jelebu	7,500	7,500	-	-	7,500	7,500	-
2. Jempol	4,982	4,982	-	-	4,982	4,982	-
3. Kuala Pilah	4,217	4,217	-	-	4,217	4,217	-
4. Rembau	5,633	5,633	-	-	5,633	5,633	-
5. Tampin	5,167	5,167	-	-	5,167	5,167	-
PAHANG	**4,599**	**4,686**	**-**	**4,695**	**4,656**	**4,656**	**-**
1. Jerantut	-	-	-	-	-	-	-
2. Kuantan	3,937	3,937	-	-	3,937	3,937	-
3. Maran	3,263	3,263	-	-	3,263	3,263	-
4. Pekan	3,477	3,477	-	3,477 ***	-	-	-
5. Bera	6,352	6,352	-	-	6,352	6,352	-
6. Rompin	6,496	6,846	-	6,846 ****	-	-	-
PERAK	**5,576**	**5,580**	**3,467**	**5,514**	**5,929**	**5,964**	**3,467**
1. Larut Matang & Selama	3,468	3,468	3,467	-	3,468	3,468	3,467
2. Kerian	5,555	5,555	-	5,555 *	-	-	-
3. Kuala Kangsar	5,525	5,525	-	-	5,525	5,525	-
4. Hilir Perak	5,836	5,836	-	5,270 **	7,569	7,569	-
5. Perak Tengah	5,568	5,568	-	6,119 **	5,542	5,542	-
				5,263 **			

*** IADA KERIAN** **** IADA Seberang Perak** ***** IADA Pekan** ****** IADA Rompin**

Catatan: **Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).**

Notes: ***Refer to the symbols used in Notes I, page (xxxii).***

JADUAL B2: PURATA HASIL PADI BASAH MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015 (SAMB.)

Table B2: Average yield of wet paddy by state, district and area type, Malaysia, Main Season 2014/2015 (cont'd.)

NEGERI/DAERAH *State/District*	PURATA HASIL PADI BASAH (KG/HA) *Average yield of wet paddy (kg/ha)*						
	KESELURUHAN *Overall*				LUAR JELAPANG PADI *Outside Granary Area*		
	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*	JELAPANG PADI *Granary Area*	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PERLIS	**5,310**	**5,324**	**5,223**	**5,346**	**5,219**	**5,215**	**5,223**
1. MADA Wilayah I	5,346	5,346	-	5,346	-	-	-
2. Perlis (L/MADA)	5,219	5,215	5,223	-	5,219	5,215	5,223
PULAU PINANG	**6,837**	**6,837**	**-**	**6,837**	**-**	**-**	**-**
1. Barat Daya	5,999	5,999	-	5,999	-	-	-
2. Seb. P. Tengah	6,044	6,044	-	6,044	-	-	-
3. Seb. P. Utara	7,191	7,191	-	7,191	-	-	-
4. Seb. P. Selatan	6,322	6,322	-	6,322	-	-	-
SELANGOR	**7,540**	**7,540**	**-**	**7,540**	**-**	**-**	**-**
1. Kuala Selangor	8,115	8,115	-	8,115	-	-	-
2. Sabak Bernam	7,300	7,300	-	7,300	-	-	-
TERENGGANU	**6,289**	**6,461**	**4,275**	**6,891 ***	**5,530**	**5,802**	**4,275**
1. Besut	6,519	6,548	5,367	6,891 *	5,436	5,444	5,367
2. Dungun	-	-	-	-	-	-	-
3. H. Terengganu	3,317	3,317	-	-	3,317	3,317	-
4. K. Terengganu	5,959	6,385	4,217	-	5,959	6,385	4,217
5. Kemaman	5,025	5,025	-	-	5,025	5,025	-
6. Marang	4,925	5,834	3,550	-	4,925	5,834	3,550
7. Setiu	3,713	-	3,713	-	3,713	-	3,713
SEM. MALAYSIA *Pen. Malaysia*	**5,328**	**5,477**	**4,014**	**5,562**	**4,562**	**4,974**	**4,014**

*** KETARA**

Catatan: **Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).**

Notes: ***Refer to the symbols used in Notes I, page (xxxii).***

JADUAL B2: PURATA HASIL PADI BASAH MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015 (SAMB.)

Table B2: Average yield of wet paddy by state, district and area type, Malaysia, Main Season 2014/2015 (cont'd.)

NEGERI/DAERAH *State/District*	PURATA HASIL PADI BASAH (KG/HA) *Average yield of wet paddy (kg/ha)*						
	KESELURUHAN *Overall*			JELAPANG PADI *Granary Area*	LUAR JELAPANG PADI *Outside Granary Area*		
	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*		KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
SABAH	**4,234**	-	-	-	-	-	-
1. Beaufort	4,083	-	-	-	-	-	-
2. Keningau	5,277	-	-	-	-	-	-
3. Kota Belud	4,268	-	-	-	-	-	-
4. Kota Kinabalu	4,000	-	-	-	-	-	-
5. Kota Marudu	3,955	-	-	-	-	-	-
6. Kuala Penyu	4,530	-	-	-	-	-	-
7. Kudat	2,613	-	-	-	-	-	-
8. Papar	4,621	-	-	-	-	-	-
9. Penampang	4,408	-	-	-	-	-	-
10. Pitas	3,558	-	-	-	-	-	-
11. Ranau	5,097	-	-	-	-	-	-
12. Sipitang	6,409	-	-	-	-	-	-
13. Tambunan	4,066	-	-	-	-	-	-
14. Tenom	4,589	-	-	-	-	-	-
15. Tuaran	3,251	-	-	-	-	-	-
16. Beluran	4,658	-	-	-	-	-	-
17. Sook	2,560	-	-	-	-	-	-
18. Nabawan	4,356	-	-	-	-	-	-
19. Tawau	4,050	-	-	-	-	-	-
20. Lain-lain Daerah	4390	-	-	-	-	-	-
SARAWAK	**3,191**	-	-	-	-	-	-
1. Kuching	2,280	-	-	-	-	-	-
2. Siburan	4,050	-	-	-	-	-	-
3. Bau	4,345	-	-	-	-	-	-
4. Lundu	2,035	-	-	-	-	-	-
5. Sri Aman	4,740	-	-	-	-	-	-
6. Lubok Antu	5,265	-	-	-	-	-	-
7. Pantu	2,875	-	-	-	-	-	-
8. Sibu	3,105	-	-	-	-	-	-
9. Kanowit	3,145	-	-	-	-	-	-

Catatan: **Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).**

Notes: ***Refer to the symbols used in Notes I, page (xxxii).***

JADUAL B2: PURATA HASIL PADI BASAH MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015 (SAMB.)

Table B2: Average yield of wet paddy by state, district and area type, Malaysia, Main Season 2014/2015 (cont'd.)

NEGERI/DAERAH *State/District*	PURATA HASIL PADI BASAH (KG/HA) *Average yield of wet paddy (kg/ha)*						
	KESELURUHAN *Overall*			JELAPANG PADI *Granary Area*	LUAR JELAPANG PADI *Outside Granary Area*		
	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*		KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
SARAWAK	-	-	-	-	-	-	-
10. Selangau	3,240	-	-	-	-	-	-
11. Miri	3,870	-	-	-	-	-	-
12. Marudi	3,605	-	-	-	-	-	-
13. Limbang	1,400	-	-	-	-	-	-
14. Lawas	3,285	-	-	-	-	-	-
15. Sarikei	2,915	-	-	-	-	-	-
16. Meradong	4,130	-	-	-	-	-	-
17. Julau	2,595	-	-	-	-	-	-
18. Pakan	2,025	-	-	-	-	-	-
19. Kapit	3,330	-	-	-	-	-	-
20. Song	3,120	-	-	-	-	-	-
21. Belaga	3,330	-	-	-	-	-	-
22. Samarahan	4,355	-	-	-	-	-	-
23. Serian	4,435	-	-	-	-	-	-
24. Simunjan	3,700	-	-	-	-	-	-
25. Asajaya	3,725	-	-	-	-	-	-
26. Bintulu	1,630	-	-	-	-	-	-
27. Tatau	3,220	-	-	-	-	-	-
28. Mukah	1,210	-	-	-	-	-	-
29. Dalat	3,215	-	-	-	-	-	-
30. Daro	2,560	-	-	-	-	-	-
31. Matu	1,725	-	-	-	-	-	-
32. Betong	3,325	-	-	-	-	-	-
33. Saratok	3,650	-	-	-	-	-	-
MALAYSIA	**4,868**	**5,477***	**4,014***	**5,562***	**4,562***	**4,974***	**4,014***

Catatan: **Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).**

Notes: ***Refer to the symbols used in Notes I, page (xxxii).***

* **Merujuk kepada Semenanjung Malaysia sahaja.**

Refers to Peninsular Malaysia only.

JADUAL B3: PURATA HASIL PADI KERING MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015

Table B3: Average yield of dried paddy by state, district and area type, Malaysia, Main Season 2014/2015

NEGERI/DAERAH *State/District*	PURATA HASIL PADI KERING (KG/HA) *Average yield of dried paddy (kg/ha)*						
	KESELURUHAN *Overall*				LUAR JELAPANG PADI *Outside Granary Area*		
	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*	JELAPANG PADI *Granary Area*	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
JOHOR	**4,180**	**4,206**	**3,695**	**-**	**4,180**	**4,206**	**3,695**
1. Batu Pahat	4,046	4,046	-	-	4,046	4,046	-
2. Kluang	3,046	3,046	-	-	3,046	3,046	-
3. Mersing	3,719	3,724	3,695	-	3,719	3,724	3,695
4. Ledang	5,246	5,246	-	-	5,246	5,246	-
5. Muar	3,096	3,096	-	-	3,096	3,096	-
KEDAH	**4,473**	**4,586**	**3,839**	**4,610**	**4,053**	**4,307**	**3,839**
1. Baling	3,010	3,031	2,986	-	3,010	3,031	2,986
2. Bandar Baru	5,628	5,628	-	-	5,628	5,628	-
3. Kota Setar	3,825	4,359	3,724	-	3,825	4,359	3,724
4. Kuala Muda	3,785	4,043	3,246	-	3,785	4,043	3,246
5. Kubang Pasu	3,932	3,775	4,109	-	3,932	3,775	4,109
6. Kulim	4,180	4,180	-	-	4,180	4,180	-
7. Langkawi	5,414	6,054	4,592	-	5,414	6,054	4,592
8. Padang Terap	3,947	3,672	3,974	-	3,947	3,672	3,974
9. Pendang	3,912	3,596	4,005	-	3,912	3,596	4,005
10. Sik	3,749	3,757	3,734	-	3,749	3,757	3,734
11. Yan	3,701	3,230	4,831	-	3,701	3,230	4,831
12. MADA Wilayah II	4,615	4,615	-	4,615	-	-	-
13. MADA Wilayah III	4,501	4,501	-	4,501	-	-	-
14. MADA Wilayah IV	4,696	4,696	-	4,696	-	-	-
KELANTAN	**4,314**	**4,609**	**2,401**	**4,753**	**2,829**	**3,337**	**2,401**
1. Bachok	5,055	5,062	2,966	5,186 *	2,966	-	2,966
				4,051 **			
2. Jeli	5,425	5,425	-	-	5,425	5,425	-
3. Kota Bharu	4,817	4,832	2,440	4,707 *	3,658	5,833	2,440
				4,832 *			
4. Kuala Krai	1,565	2,192	-	-	1,565	2,192	-
5. Machang	3,835	3,882	3,705	-	3,835	3,882	3,705
6. Pasir Mas	3,817	4,624	1,888	4,647 *	2,379	4,152	1,888
7. Pasir Puteh	3,984	4,215	2,391	4,978 *	1,901	1,152	2,391
				4,025 **			
8. Tanah Merah	2,516	2,459	2,694	-	2,516	2,459	2,694
9. Tumpat	4,898	5,008	3,782	5,042 *	3,700	3,538	3,782

* KADA ** IADA Kemasin Semerak

Catatan: Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).

Notes: *Refer to the symbols used in Notes I, page (xxxii).*

JADUAL B3: PURATA HASIL PADI KERING MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015 (SAMB.)

Table B3: Average yield of dried paddy by state, district and area type, Malaysia, Main Season 2014/2015 (cont'd.)

NEGER/DAERAH *State/District*	PURATA HASIL PADI KERING (KG/HA) *Average yield of dried paddy (kg/ha)*						
	KESELURUHAN *Overall*				LUAR JELAPANG PADI *Outside Granary Area*		
	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*	JELAPANG PADI *Granary Area*	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
MELAKA	**4,140**	**4,547**	**3,640**	**-**	**4,140**	**4,547**	**3,640**
1. Alor Gajah	4,379	4,430	3,080	-	4,379	4,430	3,080
2. Jasin	4,689	5,570	3,335	-	4,689	5,570	3,335
3. Melaka Tengah	3,793	3,852	3,753	-	3,793	3,852	3,753
N. SEMBILAN	**4,213**	**4,213**	**-**	**-**	**4,213**	**4,213**	**-**
1. Jelebu	6,315	6,315	-	-	6,315	6,315	-
2. Jempol	4,195	4,195	-	-	4,195	4,195	-
3. Kuala Pilah	3,511	3,511	-	-	3,511	3,511	-
4. Rembau	4,743	4,743	-	-	4,743	4,743	-
5. Tampin	4,350	4,350	-	-	4,350	4,350	-
PAHANG	**3,972**	**4,047**	**-**	**4,147**	**4,023**	**4,023**	**-**
1. Jerantut	-	-	-	-	-	-	-
2. Kuantan	3,400	3,400	-	-	3,400	3,400	-
3. Maran	2,818	2,818	-	-	2,818	2,818	-
4. Pekan	3,022	3,022	-	3,022 ***	-	-	-
5. Bera	5,486	5,486	-	-	5,486	5,486	-
6. Rompin	5,610	6,134	-	6,134 ****	-	-	-
PERAK	**4,761**	**4,765**	**2,961**	**4,701**	**5,063**	**5,093**	**2,961**
1. Larut Matang & Selama	2,962	2,962	2,961	-	2,962	2,962	2,961
2. Kerian	4,766	4,766	-	4,766 *	-	-	-
3. Kuala Kangsar	4,718	4,718	-	-	4,718	4,718	-
4. Hilir Perak	4,984	4,984	-	4,447 **	6,464	6,464	-
5. Perak Tengah	4,755	4,755	-	5,165 **	4,733	4,733	-
				4,442 **			

* IADA KERIAN ** IADA Seberang Perak *** IADA Pekan **** IADA Rompin

Catatan: Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).

Notes: *Refer to the symbols used in Notes I, page (xxxii).*

JADUAL B3: PURATA HASIL PADI KERING MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015 (SAMB.)

Table B3: Average yield of dried paddy by state, district and area type, Malaysia, Main Season 2014/2015 (cont'd.)

NEGERI/DAERAH *State/District*	HASIL PURATA PADI KERING (KG/HA) *Average yield of dried paddy (kg/ha)*						
	KESELURUHAN *Overall*				LUAR JELAPANG PADI *Outside Granary Area*		
	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*	JELAPANG PADI *Granary Area*	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
PERLIS	**4,587**	**4,599**	**4,512**	**4,800**	**4,508**	**4,505**	**4,512**
1. MADA Wilayah I	4,800	4,800	-	4,800	-	-	-
2. Perlis (L/MADA)	4,508	4,505	4,512	-	4,508	4,505	4,512
PULAU PINANG	**5,967**	**5,967**	**-**	**5,967**	**-**	**-**	**-**
1. Barat Daya	5,236	5,236	-	5,236	-	-	-
2. Seb. P. Tengah	5,275	5,275	-	5,275	-	-	-
3. Seb. P. Utara	6,276	6,276	-	6,276	-	-	-
4. Seb. P. Selatan	5,518	5,518	-	5,518	-	-	-
SELANGOR	**6,162**	**6,162**	**-**	**6,162**	**-**	**-**	**-**
1. Kuala Selangor	6,632	6,632	-	6,632	-	-	-
2. Sabak Bernam	5,966	5,966	-	5,966	-	-	-
TERENGGANU	**5,543**	**5,694**	**3,768**	**6,172 ***	**4,872**	**5,112**	**3,768**
1. Besut	5,746	5,772	4,730	6,172 *	4,789	4,796	4,730
2. Dungun	-	-	-	-	-	-	-
3. H. Terengganu	2,923	2,923	-	-	2,923	2,923	-
7. K. Terengganu	5,252	5,627	3,717	-	5,252	5,627	3,717
4. Kemaman	4,429	4,429	-	-	4,429	4,429	-
5. Marang	4,341	5,142	3,129	-	4,341	5,142	3,129
6. Setiu	3,272	-	3,272	-	3,272	-	3,272
SEM. MALAYSIA *Pen. Malaysia*	**4,714**	**4,838**	**3,620**	**4,916**	**4,071**	**4,409**	**3,620**

*** KETARA**

Catatan: **Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).**

Notes: ***Refer to the symbols used in Notes I, page (xxxii).***

JADUAL B3: PURATA HASIL PADI KERING MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015 (SAMB.)

Table B3: Average yield of dried paddy by state, district and area type, Malaysia, Main Season 2014/2015 (cont'd.)

NEGERI/DAERAH *State/District*	PURATA HASIL PADI KERING (KG/HA) *Average yield of dried paddy (kg/ha)*						
	KESELURUHAN *Overall*				LUAR JELAPANG PADI *Outside Granary Area*		
	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*	JELAPANG PADI *Granary Area*	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
SABAH	-	-	-	-	-	-	-
1. Beaufort	-	-	-	-	-	-	-
2. Keningau	-	-	-	-	-	-	-
3. Kota Belud	-	-	-	-	-	-	-
4. Kota Kinabalu	-	-	-	-	-	-	-
5. Kota Marudu	-	-	-	-	-	-	-
6. Kuala Penyu	-	-	-	-	-	-	-
7. Kudat	-	-	-	-	-	-	-
8. Papar	-	-	-	-	-	-	-
9. Penampang	-	-	-	-	-	-	-
10. Pitas	-	-	-	-	-	-	-
11. Ranau	-	-	-	-	-	-	-
12. Sipitang	-	-	-	-	-	-	-
13. Tambunan	-	-	-	-	-	-	-
14. Tenom	-	-	-	-	-	-	-
15. Tuaran	-	-	-	-	-	-	-
16. Beluran	-	-	-	-	-	-	-
17. Sook	-	-	-	-	-	-	-
18. Nabawan	-	-	-	-	-	-	-
19. Tawau	-	-	-	-	-	-	-
20. Lain-lain Daerah	-	-	-	-	-	-	-
SARAWAK	**3,001**	-	-	-	-	-	-
1. Kuching	**2,127**	-	-	-	-	-	-
2. Siburan	**3,783**	-	-	-	-	-	-
3. Bau	**4,063**	-	-	-	-	-	-
4. Lundu	**1,929**	-	-	-	-	-	-
5. Sri Aman	**4,356**	-	-	-	-	-	-
6. Lubok Antu	**4,839**	-	-	-	-	-	-
7. Pantu	**2,645**	-	-	-	-	-	-
8. Sibu	**2,931**	-	-	-	-	-	-
9. Kanowit	**2,981**	-	-	-	-	-	-

Catatan: **(i)** **Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).**
Notes: ***Refer to the symbols used in Notes I, page (xxxii).***

(ii) **Bagi negeri Sabah, hasil purata kering tidak diperolehi.**
Rujuk para 9.2(ii) muka surat 22.
For the state of Sabah, the average yield of dried paddy was not available.
Refer to paragraph 9.2 (ii) page 43.

JADUAL B3: PURATA HASIL PADI KERING MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015 (SAMB.)

Table B3: Average yield of dried paddy by state, district and area type, Malaysia, Main Season 2014/2015 (cont'd.)

NEGERI/DAERAH *State/District*	PURATA HASIL PADI KERING (KG/HA) *Average yield of dried paddy (kg/ha)*						
	KESELURUHAN *Overall*			JELAPANG PADI *Granary Area*	LUAR JELAPANG PADI *Outside Granary Area*		
	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*		KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
SARAWAK	-	-	-	-	-	-	-
10. Selangau	2,893	-	-	-	-	-	-
11. Miri	3,742	-	-	-	-	-	-
12. Marudi	3,587	-	-	-	-	-	-
13. Limbang	1,320	-	-	-	-	-	-
14. Lawas	3,098	-	-	-	-	-	-
15. Sarikei	2,717	-	-	-	-	-	-
16. Meradong	3,977	-	-	-	-	-	-
17. Julau	2,429	-	-	-	-	-	-
18. Pakan	1,895	-	-	-	-	-	-
19. Kapit	3,110	-	-	-	-	-	-
20. Song	2,914	-	-	-	-	-	-
21. Belaga	3,110	-	-	-	-	-	-
22. Samarahan	4,072	-	-	-	-	-	-
23. Serian	4,160	-	-	-	-	-	-
24. Simunjan	3,493	-	-	-	-	-	-
25. Asajaya	3,513	-	-	-	-	-	-
26. Bintulu	1,588	-	-	-	-	-	-
27. Tatau	3,123	-	-	-	-	-	-
28. Mukah	1,095	-	-	-	-	-	-
29. Dalat	3,035	-	-	-	-	-	-
30. Daro	2,417	-	-	-	-	-	-
31. Matu	1,628	-	-	-	-	-	-
32. Betong	3,159	-	-	-	-	-	-
33. Saratok	3,384	-	-	-	-	-	-
MALAYSIA	4,714*	4,838*	3,620*	4,916*	4,071*	4,409*	3,620*

Catatan: **Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).**

Notes: ***Refer to the symbols used in Notes I, page (xxxii).***

* **Merujuk kepada Semenanjung Malaysia sahaja.**

Refers to Peninsular Malaysia only.

JADUAL B4: PURATA HASIL PADI BERSIH MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015

Table B4: Average yield of cleaned paddy by state, district and area type, Malaysia, Main Season 2014/2015

NEGERI/DAERAH *State/District*	PURATA HASIL PADI BERSIH (KG/HA) *Average yield of cleaned paddy (kg/ha)*							RALAT PIAWAI RELATIF *Relative Standard Error* (%)
	KESELURUHAN *Overall*			JELAPANG PADI *Granary Area*	LUAR JELAPANG PADI *Outside Granary Area*			
	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*		KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
JOHOR	**3,926**	**3,951**	**3,471**	**-**	**3,926**	**3,951**	**3,471**	**3.4**
1. Batu Pahat	3,801	3,801	-	-	3,801	3,801	-	4.9
2. Kluang	2,861	2,861	-	-	2,861	2,861	-	6.6
3. Mersing	3,494	3,498	3,471	-	3,494	3,498	3,471	4.0
4. Ledang	4,928	4,928			4,928	4,928	-	6.0
5. Muar	2,908	2,908	-	-	2,908	2,908	-	7.2
KEDAH	**4,063**	**4,166**	**3,487**	**4,446**	**3,682**	**3,912**	**3,487**	**0.9**
1. Baling	2,734	2,754	2,713	-	2,734	2,754	2,713	10.4
2. Bandar Baru	5,112	5,112	-	-	5,112	5,112	-	4.0
3. Kota Setar	3,475	3,959	3,383	-	3,475	3,959	3,383	4.5
4. Kuala Muda	3,439	3,673	2,948	-	3,439	3,673	2,948	7.9
5. Kubang Pasu	3,572	3,429	3,732	-	3,572	3,429	3,732	7.1
6. Kulim	3,797	3,797	-	-	3,797	3,797	-	6.4
7. Langkawi	4,918	5,500	4,171	-	4,918	5,500	4,171	4.7
8. Padang Terap	3,585	3,336	3,610	-	3,585	3,336	3,610	4.5
9. Pendang	3,554	3,266	3,638	-	3,554	3,266	3,638	1.4
10. Sik	3,406	3,413	3,392	-	3,406	3,413	3,392	0.7
11. Yan	3,362	2,934	4,389	-	3,362	2,934	4,389	5.2
12. MADA Wilayah II	4,451	4,451	-	4,451	-	-	-	1.2
13. MADA Wilayah III	4,341	4,341	-	4,341	-	-	-	1.2
14. MADA Wilayah IV	4,529	4,529	-	4,529	-	-	-	1.0
KELANTAN	**3,985**	**4,257**	**2,218**	**4,481**	**2,613**	**3,082**	**2,218**	**0.9**
1. Bachok	4,669	4,675	2,740	4,875 *	2,740	-	2,740	2.1
				3,894 **				
2. Jeli	5,011	5,011	-	-	5,011	5,011	-	3.8
3. Kota Bharu	4,449	4,463	2,254	4,425 *	3,379	5,388	2,254	1.5
				4,542 *				
4. Kuala Krai	1,446	2,024	-	-	1,446	2,024	-	4.1
5. Machang	3,542	3,585	3,422	-	3,542	3,585	3,422	5.7
6. Pasir Mas	3,525	4,271	1,744	4,368 *	2,197	3,835	1,744	1.9
7. Pasir Puteh	3,679	3,893	2,209	4,680 *	1,755	1,064	2,209	2.0
				3,869 **				
8. Tanah Merah	2,324	2,271	2,489	-	2,324	2,271	2,489	6.9
9. Tumpat	4,524	4,625	3,493	4,739 *	3,417	3,268	3,493	1.8

* KADA ** IADA Kemasin Semerak

Catatan: Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).

Notes: *Refer to the symbols used in Notes I, page (xxxii).*

JADUAL B4: PURATA HASIL PADI BERSIH MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015 (SAMB.)

Table B4: Average yield of cleaned paddy by state, district and area type, Malaysia, Main Season 2014/2015 (cont'd)

NEGERI/DAERAH *State/District*	PURATA HASIL PADI BERSIH (KG/HA) *Average yield of cleaned paddy (kg/ha)*							RALAT PIAWAI RELATIF *Relative Standard Error* (%)
	KESELURUHAN *Overall*				LUAR JELAPANG PADI *Outside Granary Area*			
	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*	JELAPANG PADI *Granary Area*	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
MELAKA	**4,026**	**4,422**	**3,540**	**-**	**4,026**	**4,422**	**3,540**	**1.9**
1. Alor Gajah	4,259	4,307	2,995	-	4,259	4,307	2,995	5.4
2. Jasin	4,560	5,417	3,243	-	4,560	5,417	3,243	4.3
3. Melaka Tengah	3,688	3,745	3,650	-	3,688	3,745	3,650	1.8
N. SEMBILAN	**4,143**	**4,143**	**-**	**-**	**4,143**	**4,143**	**-**	**1.8**
1. Jelebu	6,210	6,210	-	-	6,210	6,210	-	4.8
2. Jempol	4,125	4,125	-	-	4,125	4,125	-	6.4
3. Kuala Pilah	3,492	3,492	-	-	3,492	3,492	-	1.5
4. Rembau	4,664	4,664	-	-	4,664	4,664	-	2.9
5. Tampin	4,278	4,278	-	-	4,278	4,278	-	5.9
PAHANG	**3,706**	**3,776**	**-**	**3,907**	**3,753**	**3,753**	**-**	**3.5**
1. Jerantut	-	-	-	-	-	-	-	-
2. Kuantan	3,172	3,172	-	-	3,172	3,172	-	6.7
3. Maran	2,629	2,629	-	-	2,629	2,629	-	3.1
4. Pekan	2,737	2,737	-	2,737 ***	-	-	-	4.0
5. Bera	5,118	5,118	-	-	5,118	5,118	-	4.2
6. Rompin	5,234	5,972	-	5,972 ****	-	-	-	5.9
PERAK	**4,170**	**4,174**	**2,593**	**4,257**	**4,435**	**4,461**	**2,593**	**1.0**
1. Larut Matang & Selama	2,594	2,594	2,593	-	2,594	2,594	2,593	5.5
2. Kerian	4,500	4,500	-	4,500 *	-	-	-	1.0
3. Kuala Kangsar	4,133	4,133	-	-	4,133	4,133	-	3.9
4. Hilir Perak	4,366	4,366	-	3,757 **	5,662	5,662	-	2.2
5. Perak Tengah	4,165	4,165	-	4,363 **	4,146	4,146	-	2.5
				3,752 **				

* IADA KERIAN ** IADA Seberang Perak *** IADA Pekan **** IADA Rompin

Catatan: Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).

Notes: *Refer to the symbols used in Notes I, page (xxxii).*

JADUAL B4: PURATA HASIL PADI BERSIH MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015 (SAMB.)

Table B4: Average yield of cleaned paddy by state, district and area type, Malaysia, Main Season 2014/2015 (cont'd)

NEGERI/DAERAH *State/District*	PURATA HASIL PADI BERSIH (KG/HA) *Average yield of cleaned paddy (kg/ha)*							RALAT PIAWAI RELATIF *Relative Standard Error* (%)
	KESELURUHAN *Overall*			JELAPANG PADI *Granary Area*	LUAR JELAPANG PADI *Outside Granary Area*			
	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*		KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
PERLIS	**4,468**	**4,480**	**4,395**	**4,629**	**4,392**	**4,388**	**4,395**	**1.3**
1. MADA Wilayah I	4,629	4,629	-	4,629	-	-	-	0.7
2. Perlis (L/MADA)	4,392	4,388	4,395	-	4,392	4,388	4,395	4.8
PULAU PINANG	**5,774**	**5,774**	**-**	**5,774**	**-**	**-**	**-**	**0.9**
1. Barat Daya	5,067	5,067	-	5,067	-	-	-	4.3
2. Seb. P. Tengah	5,105	5,105	-	5,105	-	-	-	1.5
3. Seb. P. Utara	6,074	6,074	-	6,074	-	-	-	1.2
4. Seb. P. Selatan	5,340	5,340	-	5,340	-	-	-	2.8
SELANGOR	**6,117**	**6,117**	**-**	**6,117**	**-**	**-**	**-**	**2.0**
1. Kuala Selangor	6,584	6,584	-	6,584	-	-	-	2.7
2. Sabak Bernam	5,923	5,923	-	5,923	-	-	-	2.6
TERENGGANU	**5,220**	**5,363**	**3,548**	**5,805 ***	**4,590**	**4,816**	**3,548**	**1.7**
1. Besut	5,412	5,436	4,455	5,805 *	4,512	4,519	4,455	1.8
2. Dungun	-	-	-	-	-	-	-	-
3. H. Terengganu	2,753	2,753	-	-	2,753	2,753	-	8.7
4. K. Terengganu	4,946	5,300	3,500	-	4,946	5,300	3,500	5.9
5. Kemaman	4,171	4,171	-	-	4,171	4,171	-	2.0
6. Marang	4,088	4,843	2,947	-	4,088	4,843	2,947	1.4
7. Setiu	3,082	-	3,082	-	3,082	-	3,082	3.5
SEM. MALAYSIA *Pen. Malaysia*	**4,364**	**4,480**	**3,343**	**4,687**	**3,750**	**4,053**	**3,343**	**1.2**

*** KETARA** **** IADA P. Pinang**

Catatan: **Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).**

Notes: ***Refer to the symbols used in Notes I, page (xxxii).***

JADUAL B4: PURATA HASIL PADI BERSIH MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015 (SAMB.)

Table B4: Average yield of cleaned paddy by state, district and area type, Malaysia, Main Season 2014/2015 (cont'd)

NEGERI/DAERAH *State/District*	PURATA HASIL PADI BERSIH (KG/HA) *Average yield of cleaned paddy (kg/ha)*							RALAT PIAWAI RELATIF *Relative Standard Error* (%)
	KESELURUHAN *Overall*				LUAR JELAPANG PADI *Outside Granary Area*			
	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*	JELAPANG PADI *Granary Area*	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
SABAH	**3,521**	-	-	-	-	-	-	-
1. Beaufort	3,061	-	-	-	-	-	-	-
2. Keningau	4,144	-	-	-	-	-	-	-
3. Kota Belud	3,126	-	-	-	-	-	-	-
4. Kota Kinabalu	3,287	-	-	-	-	-	-	-
5. Kota Marudu	3,718	-	-	-	-	-	-	-
6. Kuala Penyu	3,914	-	-	-	-	-	-	-
7. Kudat	2,400	-	-	-	-	-	-	-
8. Papar	3,328	-	-	-	-	-	-	-
9. Penampang	3,559	-	-	-	-	-	-	-
10. Pitas	3,386	-	-	-	-	-	-	-
11. Ranau	4,589	-	-	-	-	-	-	-
12. Sipitang	5,566	-	-	-	-	-	-	-
13. Tambunan	3,048	-	-	-	-	-	-	-
14. Tenom	3,441	-	-	-	-	-	-	-
15. Tuaran	2,821	-	-	-	-	-	-	-
16. Beluran	4,343	-	-	-	-	-	-	-
17. Sook	1,919	-	-	-	-	-	-	-
18. Nabawan	3,861	-	-	-	-	-	-	-
19. Tawau	3,037	-	-	-	-	-	-	-
20. Lain-lain Daerah	3,292	-	-	-	-	-	-	-
SARAWAK	**2,811**	-	-	-	-	-	-	**2.7**
1. Kuching	1,970	-	-	-	-	-	-	-
2. Siburan	3,524	-	-	-	-	-	-	-
3. Bau	3,737	-	-	-	-	-	-	-
4. Lundu	1,772	-	-	-	-	-	-	-
5. Sri Aman	4,166	-	-	-	-	-	-	-
6. Lubok Antu	4,628	-	-	-	-	-	-	-
7. Pantu	2,521	-	-	-	-	-	-	-
8. Sibu	2,748	-	-	-	-	-	-	-
9. Kanowit	2,714	-	-	-	-	-	-	-

Catatan: **Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).**
Notes: ***Refer to the symbols used in Notes I, page (xxxii).***

***** **Merujuk kepada Semenanjung Malaysia sahaja.**
Refers to Peninsular Malaysia only.

JADUAL B4: PURATA HASIL PADI BERSIH MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015 (SAMB.)

Table B4: Average yield of cleaned paddy by state, district and area type, Malaysia, Main Season 2014/2015 (cont'd)

NEGERI/DAERAH *State/District*	PURATA HASIL PADI BERSIH (KG/HA) *Average yield of cleaned paddy (kg/ha)*							RALAT PIAWAI RELATIF *Relative Standard Error* (%)
	KESELURUHAN *Overall*			JELAPANG PADI *Granary Area*	LUAR JELAPANG PADI *Outside Granary Area*			
	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*		KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR SKIM PENG-AIRAN *Outside irrigation scheme*	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
SARAWAK	-	-	-	-	-	-	-	-
10. Selangau	2,696	-	-	-	-	-	-	-
11. Miri	3,487	-	-	-	-	-	-	-
12. Marudi	3,486	-	-	-	-	-	-	-
13. Limbang	1,147	-	-	-	-	-	-	-
14. Lawas	2,690	-	-	-	-	-	-	-
15. Sarikei	2,469	-	-	-	-	-	-	-
16. Meradong	3,936	-	-	-	-	-	-	-
17. Julau	2,317	-	-	-	-	-	-	-
18. Pakan	1,808	-	-	-	-	-	-	-
19. Kapit	2,870	-	-	-	-	-	-	-
20. Song	2,689	-	-	-	-	-	-	-
21. Belaga	2,870	-	-	-	-	-	-	-
22. Samarahan	3,702	-	-	-	-	-	-	-
23. Serian	3,898	-	-	-	-	-	-	-
24. Simunjan	3,371	-	-	-	-	-	-	-
25. Asajaya	3,345	-	-	-	-	-	-	-
26. Bintulu	1,465	-	-	-	-	-	-	-
27. Tatau	2,834	-	-	-	-	-	-	-
28. Mukah	1,016	-	-	-	-	-	-	-
29. Dalat	2,929	-	-	-	-	-	-	-
30. Daro	2,332	-	-	-	-	-	-	-
31. Matu	1,571	-	-	-	-	-	-	-
32. Betong	3,069	-	-	-	-	-	-	-
33. Saratok	3,223	-	-	-	-	-	-	-
MALAYSIA	**4,026**	**4,480***	**3,343***	**4,687***	**3,750***	**4,053***	**3,343***	**3.9**

Catatan: **Rujuk kepada simbol-simbol yang digunakan di Catatan I, muka surat (xxxi).**

Notes: ***Refer to the symbols used in Notes I, page (xxxii).***

* **Merujuk kepada Semenanjung Malaysia sahaja.**

Refers to Peninsular Malaysia only.

JADUAL B5: KELUASAN PASEL PADI DAN KELUASAN BERTANAM PADI MENGIKUT NEGERI DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015

Table B5: Paddy parcel area and paddy planted area by state and area type, Malaysia, Main Season 2014/2015

NEGERI *State*	KESELURUHAN *Overall*					SKIM PENGAIRAN *Irrigation Scheme*					LUAR SKIM PENGAIRAN *Outside Irrigation Scheme*				
	BIL. UKT BERPASEL PADI (BLOK) *No. of AAU With Paddy Parcel (Block)*	KELUASAN PASEL PADI (HEKTAR) *Paddy Parcel Area (Hectare)*	BIL. UKT AKTIF BER-TANAM PADI (BLOK) *No. Of Active AAU Planted With Paddy (Block)*	KELUASAN BERTANAM PADI (HEKTAR) *Paddy Planted Area (Hectare)*	% KELUASAN BER-TANAM *Area Planted*	BIL. UKT BERPASEL PADI (BLOK) *No. of AAU With Paddy Parcel (Block)*	KELUASAN PASEL PADI (HEKTAR) *Paddy Parcel Area (Hectare)*	BIL. UKT AKTIF BER-TANAM PADI (BLOK) *No. Of Active AAU Planted With Paddy (Block)*	KELUASAN BERTANAM PADI (HEKTAR) *Paddy Planted Area (Hectare)*	% KELUASAN BER-TANAM *Area Planted*	BIL. UKT BERPASEL PADI (BLOK) *No. of AAU With Paddy Parcel (Block)*	KELUASAN PASEL PADI (HEKTAR) *Paddy Parcel Area (Hectare)*	BIL. UKT AKTIF BER-TANAM PADI (BLOK) *No. Of Active AAU Planted With Paddy (Block)*	KELUASAN BERTANAM PADI (HEKTAR) *Paddy Planted Area (Hectare)*	% KELUASAN BER-TANAM *Area Planted*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
JOHOR	10	1,960	10	1,540	78.6	9	1,828	9	1,460	79.9	1	132	1	80	60.6
KEDAH	130	112,858	125	107,276	95.1	67	92,759	63	90,622	97.7	63	20,099	62	16,654	82.9
KELANTAN	134	47,843	126	39,999	83.6	83	41,469	83	34,661	83.6	51	6,374	43	5,338	83.7
MELAKA	27	3,414	25	1,353	39.6	12	2,662	12	745	28.0	15	752	13	608	80.9
N. SEMBILAN	15	2,062	14	1,100	53.3	15	2,062	14	1,100	53.3	-	-	-	-	-
PAHANG	24	9,135	15	7,453	81.6	17	8,718	14	7,323	84.0	7	417	1	130	31.2
PERAK	69	43,079	69	40,822	94.8	68	42,994	68	40,737	94.8	1	85	1	85	100.0
PERLIS	43	26,090	43	26,029	99.8	26	22,434	26	22,373	99.7	17	3,656	17	3,656	100.0
P. PINANG	42	12,782	42	12,782	100.0	42	12,782	42	12,782	100.0	-	-	-	-	-
SELANGOR	23	19,057	23	19,057	100.0	23	19,057	23	19,057	100.0	-	-	-	-	-
TERENGGANU	77	12,806	63	8,838	69.0	69	12,050	57	8,149	67.6	8	756	6	689	91.1
SEM. MALAYSIA *Pen. Malaysia*	594	291,086	555	266,249	91.5	431	258,815	411	239,009	92.3	163	32,271	144	27,240	84.4
SABAH	-	-	-	22,134	-	-	-	-	-	-	-	-	-	-	-
SARAWAK	-	-	-	64,818	-	-	-	-	-	-	-	-	-	-	-
MALAYSIA	594*	291,086*	555*	353,201	91.5*	431*	258,815*	411*	239,009*	92.3*	163*	32,271*	144*	27,240*	84.4*

Catatan: * **Merujuk kepada Semenanjung Malaysia sahaja.**

Notes: *Refers to Peninsular Malaysia only.*

JADUAL B6: KELUASAN PASEL PADI DAN KELUASAN BERTANAM PADI MENGIKUT KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table B6: Paddy parcel area and paddy planted area by granary area, Peninsular Malaysia, Main Season 2014/2015

JELAPANG PADI *Granary area*	KELUASAN PASEL PADI (HEKTAR) *Paddy parcel area (hectare)*	KELUASAN BERTANAM PADI *Paddy planted area*	
		HEKTAR *hectare*	%
(1)	(2)	(3)	(4)
MADA	96,558	95,349	98.7
KADA	29,450	25,332	86.0
IADA KERIAN	21,108	20,972	99.4
IADA BLS	19,057	19,057	100.0
IADA P. PINANG	12,782	12,782	100.0
IADA SEBERANG PERAK	14,140	13,831	97.8
IADA KETARA	4,876	4,876	100.0
IADA KEMASIN SEMERAK	5,053	4,835	95.7
IADA PEKAN	5,322	4,561	85.7
IADA ROMPIN	2,920	2,583	88.5
JUMLAH *Total*	211,266	204,178	96.6

JADUAL B7: KELUASAN PASEL PADI DAN KELUASAN BERTANAM PADI MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015

Table B7: Paddy parcel area and paddy planted area by state, district and area type, Malaysia, Main Season 2014/2015

NEGERI/DAERAH *State/District*	KELUASAN PASEL PADI (HEKTAR) *Paddy parcel area (hectare)*	KELUASAN BERTANAM (HEKTAR) *Planted area (hectare)*			
		KESELURUHAN *Overall*	JELAPANG PADI *Granary Area*	LUAR JELAPANG PADI *Outside Granary Area*	
				SKIM PENGAIRAN *Irrigation scheme*	LUAR SKIM PENGAIRAN *Outside irrigation scheme*
(1)	(2)	(3)	(4)	(5)	(6)
JOHOR	**1,960**	**1,540**	**-**	**1,460**	**80**
1. Batu Pahat	73	70	-	70	-
2. Kluang	118	40	-	40	-
3. Mersing	564	512	-	432	80
4. Tangkak	841	598		598	
5. Muar	364	320	-	320	-
KEDAH	**112,858**	**107,276**	**76,711**	**13,911**	**16,654**
1. Baling	2,623	1,577	-	826	751
2. Bandar Baru	944	820	-	820	-
3. Kota Setar	3,519	3,481	-	554	2,927
4. Kuala Muda	7,561	7,152	-	4,841	2,311
5. Kubang Pasu	4,020	3,909	-	2,069	1,840
6. Kulim	1,050	663	-	663	-
7. Langkawi	2,706	2,467	-	1,386	1,081
8. Padang Terap	3,814	3,814	-	343	3,471
9. Pendang	5,170	4,751	-	1,081	3,670
10. Sik	2,438	800	-	530	270
11. Yan	1,131	1,131	-	798	333
12. MADA Wilayah II	31,616	30,808	30,808	-	-
13. MADA Wilayah III	21,376	21,013	21,013	-	-
14. MADA Wilayah IV	24,890	24,890	24,890	-	-
KELANTAN	**47,843**	**39,999**	**30,167**	**4,494**	**5,338**
1. Bachok	6,706	6,342	5,363 *	-	19
			960 **		
2. Jeli	49	39	-	39	-
3. Kota Bharu	8,585	8,000	2,751 *	28	50
			5,171 *		
4. Kuala Krai	139	35	-	25	10
5. Machang	4,287	3,156	-	2,316	840
6. Pasir Mas	11,019	9,641	6,008 *	788	2,845
7. Pasir Puteh	11,084	9,425	3,568 *	785	1,197
			3,875 **		
8. Tanah Merah	951	506	-	384	122
9. Tumpat	5,023	2,855	2,471 *	129	255

* KADA

** IADA Kemasin Semerak

JADUAL B7: KELUASAN PASEL PADI DAN KELUASAN BERTANAM PADI MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015 (SAMB.)

Table B7: Paddy parcel area and paddy planted area by state, district and area type, Malaysia, Main Season 2014/2015 (cont'd.)

NEGERI/DAERAH *State/District*	KELUASAN PASEL PADI (HEKTAR) *Paddy parcel area (hectare)*	KELUASAN BERTANAM (HEKTAR) *Planted area (hectare)*			
		KESELURUHAN *Overall*	JELAPANG PADI *Granary Area*	LUAR JELAPANG PADI *Outside Granary Area*	
				SKIM PENGAIRAN *Irrigation scheme*	LUAR SKIM PENGAIRAN *Outside irrigation scheme*
(1)	(2)	(3)	(4)	(5)	(6)
MELAKA	**3,414**	**1,353**	**-**	**745**	**608**
1. Alor Gajah	534	215	-	207	8
2. Jasin	507	383	-	232	151
3. Melaka Tengah	2,373	755	-	306	449
N. SEMBILAN	**2,062**	**1,100**	**-**	**1,100**	**-**
1. Jelebu	204	169	-	169	-
2. Jempol	495	145	-	145	-
3. Kuala Pilah	1,122	585	-	585	-
4. Rembau	66	26	-	26	-
5. Tampin	175	175	-	175	-
PAHANG	**9,135**	**7,453**	**7,144**	**179**	**130**
1. Bera	60	60	-	60	-
2. Jerantut	30	-	-	-	-
3. Kuantan	110	95	-	95	-
4. Maran	426	24	-	24	-
5. Pekan	5,322	4,561	4,561 ***	-	-
6. Rompin	3,160	2,713	2,583 ****	-	130
7. Temerloh	27	-	-	-	-
PERAK	**43,079**	**40,822**	**34,803**	**5,934**	**85**
1. Kerian	21,108	20,972	20,972 *	-	-
2. Larut Matang & Selama	1,547	669	-	584	85
3. Kuala Kangsar	998	414	-	414	-
4. Hilir Perak	7,499	7,447	5,611 **	1,836	-
5. Perak Tengah	11,927	11,320	3,021 **	3,100	-
			5,199 **		

* IADA KERIAN ** IADA Seberang Perak *** IADA Pekan **** IADA Rompin

JADUAL B7: KELUASAN PASEL PADI DAN KELUASAN BERTANAM PADI MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015 (SAMB.)

Table B7: Paddy parcel area and paddy planted area by state, district and area type, Malaysia, Main Season 2014/2015 (cont'd.)

NEGERI/DAERAH *State/District*	KELUASAN PASEL PADI (HEKTAR) *Paddy parcel area (hectare)*	KELUASAN BERTANAM (HEKTAR) *Planted area (hectare)*			
		KESELU-RUHAN *Overall*	JELAPANG PADI *Granary Area*	LUAR JELAPANG PADI *Outside Granary Area*	
				SKIM PENGAIRAN *Irrigation scheme*	LUAR SKIM PENGAIRAN *Outside irrigation scheme*
(1)	(2)	(3)	(4)	(5)	(6)
PERLIS	**26,090**	**26,029**	**18,638**	**3,735**	**3,656**
1. MADA Wilayah I	18,676	18,638	18,638	-	-
2. Perlis (L/MADA)	7,414	7,391	-	3,735	3,656
PULAU PINANG	**12,782**	**12,782**	**12,782**	**-**	**-**
1. Barat Daya	310	310	310	-	-
2. Seb. Prai Tengah	2,592	2,592	2,592	-	-
3. Seb. Prai Utara	8,515	8,515	8,515	-	-
4. Seb. Prai Selatan	1,365	1,365	1,365	-	-
SELANGOR	**19,057**	**19,057**	**19,057**	**-**	**-**
1. Kuala Selangor	5,677	5,677	5,677	-	-
2. Sabak Bernam	13,380	13,380	13,380	-	-
TERENGGANU	**12,806**	**8,838**	**4,876**	**3,273**	**689**
1. Besut	7,430	6,547	4,876 *	1,511	160
2. Dungun	85	-	-	-	-
3. Hulu Terengganu	300	70	-	70	-
4. Kuala Terengganu	1,916	1,569	-	1,261	308
5. Kemaman	164	37	-	37	-
6. Marang	910	505	-	304	201
7. Setiu	2,001	110	-	90	20
SEM. MALAYSIA *Pen. Malaysia*	**291,086**	**266,249**	**204,178**	**34,831**	**27,240**

* KETARA

JADUAL B7: KELUASAN PASEL PADI DAN KELUASAN BERTANAM PADI MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015 (SAMB.)

Table B7: Paddy parcel area and paddy planted area by state, district and area type, Malaysia, Main Season 2014/2015 (cont'd.)

NEGERI/DAERAH *State/District*	KELUASAN PASEL PADI (HEKTAR) *Paddy parcel area (hectare)*	KELUASAN BERTANAM (HEKTAR) *Planted area (hectare)*			
		KESELURUHAN *Overall*	JELAPANG PADI *Granary Area*	LUAR JELAPANG PADI *Outside Granary Area*	
				SKIM PENGAIRAN *Irrigation scheme*	LUAR SKIM PENGAIRAN *Outside irrigation scheme*
(1)	(2)	(3)	(4)	(5)	(6)
SABAH	-	**22,134**	-	-	-
1. Beaufort	-	154	-	-	-
2. Keningau	-	2,453	-	-	-
3. Kota Belud	-	5,569	-	-	-
4. Kota Kinabalu	-	85	-	-	-
5. Kota Marudu	-	3,210	-	-	-
6. Kuala Penyu	-	13	-	-	-
7. Kudat	-	569	-	-	-
8. Papar	-	1,820	-	-	-
9. Penampang	-	251	-	-	-
10. Pitas	-	1,441	-	-	-
11. Ranau	-	858	-	-	-
12. Sipitang	-	396	-	-	-
13. Tambunan	-	1,859	-	-	-
14. Tenom	-	605	-	-	-
15. Tuaran	-	875	-	-	-
16. Beluran	-	311	-	-	-
17. Sook	-	553	-	-	-
18. Nabawan	-	699	-	-	-
19. Tawau	-	80	-	-	-
20. Lain-lain Daerah	-	333	-	-	-

JADUAL B7: KELUASAN PASEL PADI DAN KELUASAN BERTANAM PADI MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015 (SAMB.)

Table B7: Paddy parcel area and paddy planted area by state, district and area type, Malaysia, Main Season 2014/2015 (cont'd.)

NEGERI/DAERAH *State/District*	KELUASAN PASEL PADI (HEKTAR) *Paddy parcel area (hectare)*	KELUASAN BERTANAM (HEKTAR) *Planted area (hectare)*			
		KESELURUHAN *Overall*	JELAPANG PADI *Granary Area*	LUAR JELAPANG PADI *Outside Granary Area*	
				SKIM PENGAIRAN *Irrigation scheme*	LUAR SKIM PENGAIRAN *Outside irrigation scheme*
(1)	(2)	(3)	(4)	(5)	(6)
SARAWAK	-	**64,818**	-	-	-
1. Kuching	-	306	-	-	-
2. Siburan	-	2,345	-	-	-
3. Bau	-	1,155	-	-	-
4. Lundu	-	421	-	-	-
5. Sri Aman	-	4,152	-	-	-
6. Lubok Antu	-	3,567	-	-	-
7. Pantu	-	1,503	-	-	-
8. Sibu	-	3,209	-	-	-
9. Kanowit	-	3,478	-	-	-
10. Selangau	-	1,538	-	-	-
11. Miri	-	5,092	-	-	-
12. Marudi	-	2,271	-	-	-
13. Limbang	-	1,520	-	-	-
14. Lawas	-	1,221	-	-	-
15. Sarikei	-	1,292	-	-	-
16. Meradong	-	2,843	-	-	-
17. Julau	-	206	-	-	-
18. Pakan	-	93	-	-	-
19. Kapit	-	643	-	-	-
20. Song	-	124	-	-	-
21. Belaga	-	18	-	-	-
22. Samarahan	-	864	-	-	-
23. Serian	-	4,655	-	-	-
24. Simunjan	-	2,746	-	-	-
25. Asajaya	-	987	-	-	-
26. Bintulu	-	3,675	-	-	-
27. Tatau	-	2,272	-	-	-
28. Mukah	-	1,450	-	-	-
29. Dalat	-	922	-	-	-
30. Daro	-	3,575	-	-	-
31. Matu	-	1,048	-	-	-
32. Betong	-	2,916	-	-	-
33. Saratok	-	2,711	-	-	-
MALAYSIA	**291,086** *	**353,201**	**204,178** *	**34,831** *	**27,240** *

Catatan: * **Merujuk kepada Semenanjung Malaysia sahaja**
Notes: *Refers to Peninsular Malaysia only*

JADUAL B8: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT NEGERI DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015

Table B8: Paddy planted area and paddy harvested area by state and area type, Malaysia, Main Season 2014/2015

NEGERI *State*	KESELURUHAN *Overall*					SKIM PENGAIRAN *Irrigation Scheme*					LUAR SKIM PENGAIRAN *Outside Irrigation Scheme*				
	BIL. UKT AKTIF BER-TANAM PADI (BLOK) *No. Of Active AAU Planted With Paddy (Block)*	KELUASAN BERTANAM PADI (HEKTAR) *Paddy Planted Area (Hectare)*	BIL. UKT AKTIF BER-TANAM PADI (BLOK) *No. Of Active AAU Planted With Paddy (Block)*	KELUASAN TUAIAN PADI (HEKTAR) *Paddy Harvested Area (Hectare)*	% KELUASAN TUAIAN *Area Harvested*	BIL. UKT AKTIF BER-TANAM PADI (BLOK) *No. Of Active AAU Planted With Paddy (Block)*	KELUASAN BERTANAM PADI (HEKTAR) *Paddy Planted Area (Hectare)*	BIL. UKT AKTIF BER-TANAM PADI (BLOK) *No. Of Active AAU Planted With Paddy (Block)*	KELUASAN TUAIAN PADI (HEKTAR) *Paddy Harvested Area (Hectare)*	% KELUASAN TUAIAN *Area Harvested*	BIL. UKT AKTIF BER-TANAM PADI (BLOK) *No. Of Active AAU Planted With Paddy (Block)*	KELUASAN BERTANAM PADI (HEKTAR) *Paddy Planted Area (Hectare)*	BIL. UKT AKTIF BER-TANAM PADI (BLOK) *No. Of Active AAU Planted With Paddy (Block)*	KELUASAN TUAIAN PADI (HEKTAR) *Paddy Harvested Area (Hectare)*	% KELUASAN TUAIAN *Area Harvested*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
JOHOR	10	1,540	10	1,540	100.0	9	1,460	9	1,460	100.0	1	80	1	80	100.0
KEDAH	125	107,276	125	107,225	99.9	63	90,622	63	90,572	99.9	62	16,654	62	16,653	100.0
KELANTAN	126	39,999	125	39,768	99.4	83	34,661	83	34,583	99.8	43	5,338	42	5,185	97.1
MELAKA	25	1,353	25	1,353	100.0	12	745	12	745	100.0	13	608	13	608	100.0
N. SEMBILAN	14	1,100	14	1,100	100.0	14	1,100	14	1,100	100.0	-	-	-	-	-
PAHANG	15	7,453	14	5,844	78.4	14	7,323	13	5,714	78.0	1	130	1	130	100.0
PERAK	69	40,822	69	39,792	97.5	68	40,737	68	39,707	97.5	1	85	1	85	100.0
PERLIS	43	26,029	43	26,029	100.0	26	22,373	26	22,373	100.0	17	3,656	17	3,656	100.0
P. PINANG	42	12,782	23	12,782	100.0	42	12,782	23	12,782	100.0	-	-	-	-	-
SELANGOR	23	19,057	23	19,057	100.0	23	19,057	23	19,057	100.0	-	-	-	-	-
TERENGGANU	63	8,838	63	8,838	100.0	57	8,149	57	8,149	100.0	6	689	6	689	100.0
SEM. MALAYSIA *Pen. Malaysia*	555	266,249	534	263,328	98.9	411	239,009	391	236,242	98.8	144	27,240	143	27,086	99.4
SABAH	-	22,134	-	22,134	-	-	-	-	-	-	-	-	-	-	-
SARAWAK	-	64,818	-	64,818	-	-	-	-	-	-	-	-	-	-	-
MALAYSIA	555*	353,201	534*	350,280	98.7*	411*	239,009*	391*	235,755*	98.6*	144*	27,240*	143*	27,086*	99.4*

Catatan: * **Merujuk kepada Semenanjung Malaysia sahaja.**

Notes: *Refers to Peninsular Malaysia only.*

JADUAL B9: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table B9: Paddy planted area and paddy harvested area by granary area, Peninsular Malaysia, Main Season 2014/2015

JELAPANG PADI *Granary area*	KELUASAN BERTANAM PADI (HEKTAR) *Paddy planted area (hectare)*	KELUASAN TUAIAN PADI *Paddy harvested area*	
		HEKTAR *hectare*	%
(1)	(2)	(3)	(4)
MADA	95,349	95,349	100.0
KADA	25,332	25,332	100.0
IADA KERIAN	20,972	20,972	100.0
IADA BLS	19,057	19,057	100.0
IADA P. PINANG	12,782	12,782	100.0
IADA SEBERANG PERAK	13,831	13,023	94.2
IADA KETARA	4,876	4,876	100.0
IADA KEMASIN SEMERAK	4,835	4,770	98.7
IADA PEKAN	4,561	3,175	69.6
IADA ROMPIN	2,583	2,360	91.4
JUMLAH *Total*	204,178	201,696	98.8

JADUAL B10: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015

Table B10: Paddy planted area and paddy harvested area by state, district and area type, Malaysia, Main Season 2014/2015

NEGERI/DAERAH *State/District*	KELUASAN BERTANAM PADI (HEKTAR) *Paddy planted area (hectare)*	KELUASAN TUAIAN (HEKTAR) *Harvested area (hectare)*			
		KESELURUHAN *Overall*	JELAPANG PADI *Granary Area*	LUAR JELAPANG PADI *Outside Granary Area*	
				SKIM PENGAIRAN *Irrigation scheme*	LUAR SKIM PENGAIRAN *Outside irrigation scheme*
(1)	(2)	(3)	(4)	(5)	(6)
JOHOR	**1,540**	**1,540**	**-**	**1,460**	**80**
1. Batu Pahat	70	70	-	70	-
2. Kluang	40	40	-	40	-
3. Mersing	512	512	-	432	80
4. Tangkak	598	598		598	
5. Muar	320	320	-	320	-
KEDAH	**107,276**	**107,225**	**76,711**	**13,861**	**16,653**
1. Baling	1,577	1,577	-	826	751
2. Bandar Baru	820	820	-	820	-
3. Kota Setar	3,481	3,481	-	554	2,927
4. Kuala Muda	7,152	7,151	-	4,841	2,310
5. Kubang Pasu	3,909	3,909	-	2,069	1,840
6. Kulim	663	663	-	663	-
7. Langkawi	2,467	2,467	-	1,386	1,081
8. Padang Terap	3,814	3,768	-	297	3,471
9. Pendang	4,751	4,751	-	1,081	3,670
10. Sik	800	796	-	526	270
11. Yan	1,131	1,131	-	798	333
12. MADA Wilayah II	30,808	30,808	30,808	-	-
13. MADA Wilayah III	21,013	21,013	21,013	-	-
14. MADA Wilayah IV	24,890	24,890	24,890	-	-
KELANTAN	**39,999**	**39,768**	**30,102**	**4,481**	**5,185**
1. Bachok	6,342	6,341	5,363 * 960 **	-	18
2. Jeli	39	39	-	39	-
3. Kota Bharu	8,000	8,000	2,751 * 5,171 *	28	50
4. Kuala Krai	35	23	-	23	-
5. Machang	3,156	3,156	-	2,316	840
6. Pasir Mas	9,641	9,538	6,008 *	777	2,753
7. Pasir Puteh	9,425	9,360	3,568 * 3,810 **	785	1,197
8. Tanah Merah	506	456	-	384	72
9. Tumpat	2,855	2,855	2,471 *	129	255

* KADA

** IADA Kemasin Semerak

JADUAL B10: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015 (SAMB.)

Table B10: Paddy planted area and paddy harvested area by state, district and area type, Malaysia, Main Season 2014/2015 (cont'd.)

NEGERI/DAERAH *State/District*	KELUASAN BERTANAM PADI (HEKTAR) *Paddy planted area (hectare)*	KELUASAN TUAIAN (HEKTAR) *Harvested area (hectare)*			
		KESELURUHAN *Overall*	JELAPANG PADI *Granary Area*	LUAR JELAPANG PADI *Outside Granary Area*	
				SKIM PENGAIRAN *Irrigation scheme*	LUAR SKIM PENGAIRAN *Outside irrigation scheme*
(1)	(2)	(3)	(4)	(5)	(6)
MELAKA	**1,353**	**1,353**	**-**	**745**	**608**
1. Alor Gajah	215	215	-	207	8
2. Jasin	383	383	-	232	151
3. Melaka Tengah	755	755	-	306	449
N. SEMBILAN	**1,100**	**1,100**	**-**	**1,100**	**-**
1. Jelebu	169	169	-	169	-
2. Jempol	145	145	-	145	-
3. Kuala Pilah	585	585	-	585	-
4. Rembau	26	26	-	26	-
5. Tampin	175	175	-	175	-
PAHANG	**7,453**	**5,844**	**5,535**	**179**	**130**
1. Bera	60	60	-	60	-
2. Jerantut	-	-	-	-	-
3. Kuantan	95	95	-	95	-
4. Maran	24	24	-	24	-
5. Pekan	4,561	3,175	3,175	-	-
6. Rompin	2,713	2,490	2,360	-	130
7. Temerloh	-	-	-	-	-
PERAK	**40,822**	**39,792**	**33,995**	**5,712**	**85**
1. Kerian	20,972	20,972	20,972 *	-	-
2. Larut Matang & Selama	669	669	-	584	85
3. Kuala Kangsar	414	392	-	392	-
4. Hilir Perak	7,447	7,447	5,611 **	1,836	-
5. Perak Tengah	11,320	10,312	3,021 **	2,900	-
			4,391 **		

* IADA KERIAN

** IADA Seberang Perak

JADUAL B10: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015 (SAMB.)

Table B10: Paddy planted area and paddy harvested area by state, district and area type, Malaysia, Main Season 2014/2015 (cont'd.)

NEGERI/DAERAH *State/District*	KELUASAN BERTANAM PADI (HEKTAR) *Paddy planted area (hectare)*	KELUASAN TUAIAN (HEKTAR) *Harvested area (hectare)*			
		KESELURUHAN *Overall*	JELAPANG PADI *Granary Area*	LUAR JELAPANG PADI *Outside Granary Area*	
				SKIM PENGAIRAN *Irrigation scheme*	LUAR SKIM PENGAIRAN *Outside irrigation scheme*
(1)	(2)	(3)	(4)	(5)	(6)
PERLIS	**26,029**	**26,029**	**18,638**	**3,735**	**3,656**
1. MADA Wilayah I	18,638	18,638	18,638	-	-
2. Perlis (L/MADA)	7,391	7,391	-	3,735	3,656
PULAU PINANG	**12,782**	**12,782**	**12,782**	**-**	**-**
1. Barat Daya	310	310	310	-	-
2. Seb. Prai Tengah	2,592	2,592	2,592	-	-
3. Seb. Prai Utara	8,515	8,515	8,515	-	-
4. Seb. Prai Selatan	1,365	1,365	1,365	-	-
SELANGOR	**19,057**	**19,057**	**19,057**	**-**	**-**
1. Kuala Selangor	5,677	5,677	5,677	-	-
2. Sabak Bernam	13,380	13,380	13,380	-	-
TERENGGANU	**8,838**	**8,838**	**4,876**	**3,273**	**689**
1. Besut	6,547	6,547	4,876	1,511	160
2. Dungun	-	-	-	-	-
3. Hulu Terengganu	70	70	-	70	-
4. Kuala Terengganu	1,569	1,569	-	1,261	308
5. Kemaman	37	37	-	37	-
6. Marang	505	505	-	304	201
7. Setiu	110	110	-	90	20
SEM. MALAYSIA *Pen. Malaysia*	**266,249**	**263,328**	**201,696**	**34,546**	**27,086**

JADUAL B10: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015 (SAMB.)

Table B10: Paddy planted area and paddy harvested area by state, district and area type, Malaysia, Main Season 2014/2015 (cont'd.)

NEGERI/DAERAH *State/District*	KELUASAN BERTANAM PADI (HEKTAR) *Paddy planted area (hectare)*	KELUASAN TUAIAN (HEKTAR) *Harvested area (hectare)*			
		KESELURUHAN *Overall*	JELAPANG PADI *Granary Area*	LUAR JELAPANG PADI *Outside Granary Area*	
				SKIM PENGAIRAN *Irrigation scheme*	LUAR SKIM PENGAIRAN *Outside irrigation scheme*
(1)	(2)	(3)	(4)	(5)	(6)
SABAH	**22,134**	**22,134**	**-**	**-**	**-**
1. Beaufort	154	154	-	-	-
2. Keningau	2,453	2,453	-	-	-
3. Kota Belud	5,569	5,569	-	-	-
4. Kota Kinabalu	85	85	-	-	-
5. Kota Marudu	3,210	3,210	-	-	-
6. Kuala Penyu	13	13	-	-	-
7. Kudat	569	569	-	-	-
8. Papar	1,820	1,820	-	-	-
9. Penampang	251	251	-	-	-
10. Pitas	1,441	1,441	-	-	-
11. Ranau	858	858	-	-	-
12. Sipitang	396	396	-	-	-
13. Tambunan	1,859	1,859	-	-	-
14. Tenom	605	605	-	-	-
15. Tuaran	875	875	-	-	-
16. Beluran	311	311	-	-	-
17. Sook	553	553	-	-	-
18. Nabawan	699	699	-	-	-
19. Tawau	80	80			
20. Lain-lain Daerah	333	333	-	-	-

JADUAL B10: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, MUSIM UTAMA 2014/2015 (SAMB.)

Table B10: Paddy planted area and paddy harvested area by state, district and area type, Malaysia, Main Season 2014/2015 (cont'd.)

NEGERI/DAERAH *State/District*	KELUASAN BERTANAM PADI (HEKTAR) *Paddy planted area (hectare)*	KELUASAN TUAIAN (HEKTAR) *Harvested area (hectare)*			
		KESELURUHAN *Overall*	JELAPANG PADI *Granary Area*	LUAR JELAPANG PADI *Outside Granary Area*	
				SKIM PENGAIRAN *Irrigation scheme*	LUAR SKIM PENGAIRAN *Outside irrigation scheme*
(1)	(2)	(3)	(4)	(5)	(6)
SARAWAK	**64,818**	**64,818**	**-**	**-**	**-**
1. Kuching	306	306	-	-	-
2. Siburan	2,345	2,345	-	-	-
3. Bau	1,155	1,155	-	-	-
4. Lundu	421	421	-	-	-
5. Sri Aman	4,152	4,152	-	-	-
6. Lubok Antu	3,567	3,567	-	-	-
7. Pantu	1,503	1,503	-	-	-
8. Sibu	3,209	3,209	-	-	-
9. Kanowit	3,478	3,478	-	-	-
10. Selangau	1,538	1,538	-	-	-
11. Miri	5,092	5,092	-	-	-
12. Marudi	2,271	2,271	-	-	-
13. Limbang	1,520	1,520	-	-	-
14. Lawas	1,221	1,221	-	-	-
15. Sarikei	1,292	1,292	-	-	-
16. Meradong	2,843	2,843	-	-	-
17. Julau	206	206			
18. Pakan	93	93			
19. Kapit	643	643	-	-	-
20. Song	124	124	-	-	-
21. Belaga	18	18			
22. Samarahan	864	864	-	-	-
23. Serian	4,655	4,655	-	-	-
24. Simunjan	2,746	2,746	-	-	-
25. Asajaya	987	987	-	-	-
26. Bintulu	3,675	3,675	-	-	-
27. Tatau	2,272	2,272	-	-	-
28. Mukah	1,450	1,450	-	-	-
29. Dalat	922	922	-	-	-
30. Daro	3,575	3,575	-	-	-
31. Matu	1,048	1,048	-	-	-
32. Betong	2,916	2,916	-	-	-
33. Saratok	2,711	2,711	-	-	-
MALAYSIA	**353,201**	**350,280**	**201,696** *	**34,546** *	**27,086** *

Catatan: * **Merujuk kepada Semenanjung Malaysia sahaja**
Notes: *Refers to Peninsular Malaysia only*

JADUAL B11: KELUASAN BERTANAM DAN PURATA HASIL PADI BASAH, KERING DAN BERSIH DAN RALAT PIAWAI RELATIF MENGIKUT NEGERI, MALAYSIA, MUSIM UTAMA 2014/2015

Table B11: Planted area and average yield of wet, dried and cleaned paddy and Relative Standard Error by state, Malaysia, Main Season 2014/2015

NEGERI *State*	KELUASAN BERTANAM (HEKTAR) *Planted Area (hectare)* *(hectare)*	PURATA HASIL PADI *Average yield of paddy*			RALAT PIAWAI RELATIF *Relative Standard Error* (%)
		BASAH (KG/HA) *Wet (kg/ha)* *Wet (kg/ha)*	KERING (KG/HA) *Dried (kg/ha)* *Dried (kg/ha)*	BERSIH (KG/HA) *Cleaned (kg/ha)* *Cleaned (kg/ha)*	
(1)	(2)	(3)	(4)	(5)	(6)
JOHOR	1,540	4,882	4,180	3,926	3.4
KEDAH	107,276	4,937	4,473	4,063	0.9
KELANTAN	39,999	4,572	4,314	3,985	0.9
MELAKA	1,353	4,704	4,140	4,026	1.9
N. SEMBILAN	1,100	5,003	4,213	4,143	1.8
PAHANG	7,453	4,599	3,972	3,706	3.5
PERAK	40,822	5,576	4,761	4,170	1.0
PERLIS	26,029	5,310	4,587	4,468	1.3
PULAU PINANG	12,782	6,837	5,967	5,774	0.9
SELANGOR	19,057	7,540	6,162	6,117	2.0
TERENGGANU	8,838	6,289	5,543	5,220	1.7
SEM. MALAYSIA *Pen. Malaysia*	266,249	5,328	4,714	4,364	1.2
SABAH	22,134	4,234	-	3,521	-
SARAWAK	64,818	3,191	3,001	2,811	2.7
MALAYSIA	353,201	4,868	4,714*	4,026	3.9

Catatan: *** Merujuk kepada Semenanjung Malaysia sahaja.**
Notes: *Refers to Peninsular Malaysia only.*

JADUAL B12: KELUASAN BERTANAM DAN PURATA HASIL PADI BASAH, KERING DAN BERSIH DAN RALAT PIAWAI RELATIF MENGIKUT KAWASAN JELAPANG PADI DAN DAERAH, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table B12: Planted area and average yield of wet, dried and cleaned paddy and Relative Standard Error by granary area and district, Peninsular Malaysia, Main Season 2014/2015

JELAPANG PADI/DAERAH *Granary Area/District*	KELUASAN BERTANAM (HEKTAR) *Planted Area (hectare)*	PURATA HASIL PADI *Average yield of paddy*			RALAT PIAWAI RELATIF *Relative Standard Error* (%)
		BASAH (KG/HA) *Wet (kg/ha)*	KERING (KG/HA) *Dried (kg/ha)*	BERSIH (KG/HA) *Cleaned (kg/ha)*	
(1)	(2)	(3)	(4)	(5)	(6)
1. MADA	95,349	5,161	4,650	4,480	0.6
a. Wilayah I	18,638	5,346	4,800	4,629	1.0
b. Wilayah II	30,808	5,122	4,615	4,451	1.2
c. Wilayah III	21,013	4,996	4,501	4,341	1.2
d. Wilayah IV	24,890	5,212	4,696	4,529	1.0
2. KADA	25,332	5,227	4,890	4,597	1.0
a. Bachok	5,363	5,543	5,186	4,875	2.4
b. Kota Bharu Utara	2,751	5,031	4,707	4,425	1.6
c. Kota Bharu Selatan	5,171	5,164	4,832	4,542	2.5
d. Pasir Mas	6,008	4,966	4,647	4,368	2.0
e. Pasir Puteh	3,568	5,321	4,978	4,680	3.7
f. Tumpat	2,471	5,389	5,042	4,739	2.0
3. IADA KERIAN	20,972	5,555	4,766	4,500	1.0
a. Kerian	20,972	5,555	4,766	4,500	1.0
4. IADA BLS	19,057	7,540	6,162	6,117	2.0
a. Kuala Selangor	5,677	8,115	6,632	6,584	2.7
b. Sabak Bernam	13,380	7,300	5,966	5,923	2.6
5. IADA P. PINANG	12,782	6,837	5,967	5,774	0.9
a. Barat Daya	310	5,999	5,236	5,067	4.3
b. Seberang Prai Tengah	2,592	6,044	5,275	5,105	1.5
c. Seberang Prai Utara	8,515	7,191	6,276	6,074	1.2
d. Seberang Prai Selatan	1,365	6,322	5,518	5,340	2.8
6. IADA SEBERANG PERAK	13,831	5,453	4,602	3,888	1.6
a. Perak Tengah					
Blok Awam	3,021	6,119	5,165	4,363	3.4
Blok FELCRA	5,199	5,263	4,442	3,752	3.0
b. Hilir Perak	5,611	5,270	4,447	3,757	2.0
7. IADA KETARA	4,876	6,891	6,172	5,805	1.5
a. Besut					
Kompatmen 1	1,188	7,094	6,354	5,976	2.5
Kompatmen 2	1,063	6,799	6,090	5,727	3.7
Kompatmen 3	1,240	6,938	6,215	5,845	2.8
Kompatmen 4	1,385	6,744	6,041	5,681	3.1
8. IADA KEMASIN SEMERAK	4,835	4,345	4,030	3,874	1.6
a. Bachok	960	4,368	4,051	3,894	1.9
b. Pasir Puteh	3,875	4,340	4,025	3,869	1.9
9. IADA PEKAN	4,561	3,477	3,022	2,737	4.0
a. Pekan	4,561	3,477	3,022	2,737	4.0
10. IADA ROMPIN	2,583	6,846	6,134	5,972	4.0
a. Rompin	2,583	6,846	6,134	5,972	4.0
JUMLAH *Total*	204,178	5,562	4,916	4,687	1.1

JADUAL B13: KELUASAN BERTANAM DAN PURATA HASIL PADI BASAH, KERING DAN BERSIH DAN RALAT PIAWAI RELATIF MENGIKUT RANCANGAN PENGAIRAN DAN DAERAH DALAM KAWASAN PENTADBIRAN KADA, MUSIM UTAMA 2014/2015

Table B13: Planted area and average yield of wet, dried and cleaned paddy and Relative Standard Error by irrigation scheme and district in KADA administrative area, Main Season 2014/2015

RANCANGAN PENGAIRAN/ JAJAHAN *Irrigation Scheme/ District*	KELUASAN BERTANAM (HEKTAR) *Planted Area (hectare)*	PURATA HASIL PADI *Average yield of paddy*			RALAT PIAWAI RELATIF *Relative Standard Error (%)*
		BASAH (KG/HA) *Wet (kg/ha)*	KERING (KG/HA) *Dried (kg/ha)*	BERSIH (KG/HA) *Cleaned (kg/ha)*	
(1)	(2)	(3)	(4)	(5)	(6)
KOTA BHARU UTARA	2,751	5,031	4,707	4,425	1.6
KOTA BHARU SELATAN	5,171	5,164	4,832	4,542	2.5
BACHOK	5,363	5,543	5,186	4,875	2.4
PASIR PUTEH	3,568	5,321	4,978	4,680	3.7
PASIR MAS	6,008	4,966	4,647	4,368	2.0
TUMPAT	2,471	5,389	5,042	4,739	2.0
JUMLAH RANCANGAN PENGAIRAN KADA *Total irrigation schemes in KADA*	25,332	5,227	4,890	4,597	1.0

JADUAL B14: KLASIFIKASI PURATA HASIL PADI BERSIH (SEHEKTAR)
MENGIKUT NEGERI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015
Table B14: Classification of average yield of cleaned paddy (per hectare)
by state, Peninsular Malaysia, Main Season 2014/2015

NEGERI *State*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	≤ 1.9 TAN METRIK *≤ 1.9 Metric Tonnes*		2.0 - 3.9 TAN METRIK *2.0 - 3.9 Metric Tonnes*		4.0 - 5.9 TAN METRIK *4.0 - 5.9 Metric Tonnes*		6.0 - 7.9 TAN METRIK *6.0 - 7.9 Metric Tonnes*		≥ 8.0 TAN METRIK *≥ 8.0 Metric Tonnes*	
		BILANGAN SAMPEL *Number of samples*	%	BILANGAN SAMPEL *Number of samples*	%	BILANGAN SAMPEL *Number of samples*	%	BILANGAN SAMPEL *Number of samples*	%	BILANGAN SAMPEL *Number of samples*	≥ %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
JOHOR	27	-	-	19	70.4	8	29.6	-	-	-	-
KEDAH	740	12	1.6	208	28.1	501	67.7	19	2.6	-	-
KELANTAN	480	38	7.9	171	35.6	251	52.3	20	4.2	-	-
MELAKA	38	-	-	24	63.2	13	34.2	1	2.6	-	-
N.SEMBILAN	30	-	-	10	33.3	18	60.0	2	6.7	-	-
PAHANG	81	1	1.2	39	48.1	33	40.7	7	8.6	1	1.2
PERAK	304	3	1.0	122	40.1	174	57.2	5	1.6	-	-
PERLIS	200	1	0.5	26	13.0	173	86.5	-	-	-	-
P. PINANG	111	-	-	-	-	74	66.7	35	31.5	2	1.8
SELANGOR	110	-	-	7	6.4	46	41.8	42	38.2	15	13.6
TERENGGANU	141	5	3.5	40	28.4	68	48.2	26	18.4	2	1.4
SEM. MALAYSIA *Pen. Malaysia*	2,262	60	2.7	666	29.4	1,359	60.1	157	6.9	20	0.9
SABAH	373	4	1.1	125	33.5	215	57.6	29	7.8	-	-

JADUAL B15: KLASIFIKASI PURATA HASIL PADI BERSIH (SEHEKTAR)

MENGIKUT KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table B15: Classification of average yield of cleaned paddy (per hectare)

by granary area, Peninsular Malaysia, Main Season 2014/2015

JELAPANG PADI *Granary Area*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	≤ 1.9 TAN METRIK *≤ 1.9 Metric Tonnes*		2.0 - 3.9 TAN METRIK *2.0 - 3.9 Metric Tonnes*		4.0 - 5.9 TAN METRIK *4.0 - 5.9 Metric Tonnes*		6.0 - 7.9 TAN METRIK *6.0 - 7.9 Metric Tonnes*		≥ 8.0 TAN METRIK *≥ 8.0 Metric Tonnes*	
		BILANGAN SAMPEL *Number of samples*	%	BILANGAN SAMPEL *Number of samples*	%	BILANGAN SAMPEL *Number of samples*	%	BILANGAN SAMPEL *Number of samples*	%	BILANGAN SAMPEL *Number of samples*	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
MADA	675	6	0.9	124	18.4	531	78.7	14	2.1	-	-
KADA	273	1	0.4	47	17.2	208	76.2	17	6.2	-	-
IADA KERIAN	156	-	-	30	19.2	122	78.2	4	2.6	-	-
IADA BLS	110	-	-	7	6.4	46	41.8	42	38.2	15	13.6
IADA P. PINANG	111	-	-	-	-	74	66.7	35	31.5	2	1.8
IADA SEB PERAK	97	-	-	54	55.7	43	44.3	-	-	-	-
IADA KETARA	61	-	-	-	-	37	60.7	24	39.3	-	-
IADA KEM SEMERAK	51	-	-	30	58.8	19	37.3	2	3.9	-	-
IADA PEKAN	45	-	-	23	51.1	16	35.6	5	-	1	-
IADA ROMPIN	12	-	-	-	-	4	33.3	8	66.7		
JUMLAH *Total*	1,591	7	0.4	315	19.8	1,100	69.1	151	9.5	18	1.1

JADUAL B16: KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI MENGIKUT NEGERI, MALAYSIA, MUSIM UTAMA 2014/2015

Table B16: Planted area, average yield of cleaned paddy and production of paddy by state, Malaysia, Main Season 2014/2015

NEGERI *State*	KELUASAN BERTANAM (HEKTAR) *Planted area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HA) *Average yield of cleaned paddy (kg/ha)*	PENGELUARAN (TAN METRIK) *Production (Metric Tonne)*
(1)	(2)	(3)	(4)
JOHOR	1,540	3,926	6,046
KEDAH	107,276	4,063	435,862
KELANTAN	39,999	3,985	159,396
MELAKA	1,353	4,026	5,447
N. SEMBILAN	1,100	4,143	4,557
PAHANG	7,453	3,706	27,621
PERAK	40,822	4,170	170,228
PERLIS	26,029	4,468	116,298
PULAU PINANG	12,782	5,774	73,803
SELANGOR	19,057	6,117	116,572
TERENGGANU	8,838	5,220	46,134
SEM. MALAYSIA *Pen. Malaysia*	266,249	4,364	1,161,964
SABAH	22,134	3,521	77,928
SARAWAK	64,818	2,811	182,203
MALAYSIA	353,201	4,026	1,422,095

JADUAL B17: KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI MENGIKUT KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table B17: Planted area, average yield of cleaned paddy and production of paddy by granary area, Peninsular Malaysia, Main Season 2014/2015

JELAPANG PADI *Granary area*	KELUASAN BERTANAM (HEKTAR) *Planted area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HA) *Average yield of cleaned paddy (kg/ha)*	PENGELUARAN (TAN METRIK) *Production (Metric Tonne)*
(1)	(2)	(3)	(4)
MADA	95,349	4,480	427,164
KADA	25,332	4,597	116,451
IADA KERIAN	20,972	4,500	94,374
IADA BLS	19,057	6,117	116,572
IADA P. PINANG	12,782	5,774	73,803
IADA SEB PERAK	13,831	3,888	53,775
IADA KETARA	4,876	5,805	28,305
IADA KEM SEMERAK	4,835	3,874	18,731
IADA PEKAN	4,561	2,737	12,483
IADA ROMPIN	2,583	5,972	15,426
JUMLAH *Total*	204,178	4,687	957,084

JADUAL B18: KELUASAN BERTANAM, PURATA HASIL PADI BERSIH, PENGELUARAN PADI DAN BERAS (LUAR JELAPANG) MENGIKUT NEGERI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table B18: Planted area, average yield of cleaned paddy, production of Paddy and Rice (Outside Granary Area) by state, Peninsular Malaysia, Main Season 2014/2015

NEGERI *State*	MUSIM UTAMA 2014/2015 *Main Season 2014/2015*				SKIM PENGAIRAN *Irrigation Scheme*				LUAR SKIM *Outside irrigation Scheme*			
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN (TAN METRIK) *Production (Metric Tonne)*		KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI *BERSIH (KG/HEKTAR) Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN (TAN METRIK) *Production (Metric Tonne)*		KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN (TAN METRIK) *Production (Metric Tonne)*	
			PADI *Paddy*	BERAS *Rice*			PADI *Paddy*	BERAS *Rice*			PADI *Paddy*	BERAS *Rice*
(1)	(2)	(3)	(4)	(5)	-6	-7	-8	-9	-10	-11	-12	-13
JOHOR	1,540	3,926	6,046	3,930	1,460	3,951	5,768	3,749	80	3,471	278	181
KEDAH	30,565	3,682	112,540	73,151	13,911	3,912	54,420	35,373	16,654	3,487	58,072	37,747
KELANTAN	9,832	2,613	25,691	16,699	4,494	3,082	13,851	9,003	5,338	2,218	11,840	7,696
MELAKA	1,353	4,026	5,447	3,541	745	4,422	3,294	2,141	608	3,540	2,152	1,399
N.SEMBILAN	1,100	4,143	4,557	2,962	1,100	4,143	4,557	2,962	-	-	-	-
PAHANG	309	3,753	1,160	754	179	3,753	672	437	130	-	-	-
PERAK	6,019	4,435	26,694	17,351	5,934	4,461	26,472	17,207	85	2,593	220	143
PERLIS	7,391	4,392	32,461	21,100	3,735	4,388	16,389	10,653	3,656	4,395	16,068	10,444
P.PINANG	-	-	-	-	-	-	-	-	-	-	-	-
SELANGOR	-	-	-	-	-	-	-	-	-	-	-	-
TERENGGANU	3,962	4,590	18,186	11,821	3,273	4,816	15,763	10,246	689	3,548	2,445	1,589
SEM. MALAYSIA *Pen. Malaysia*	62,071	3,750	232,782	151,309	34,831	4,053	141,186	91,771	27,240	3,343	91,075	59,199

JADUAL B19: KELUASAN PASEL PADI, KELUASAN BERTANAM DAN FAKTOR KEPADATAN PENANAMAN MENGIKUT NEGERI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table B19: Hectarage of Paddy Parcel, Planted Area And Cropping Intensity Factor By State, Peninsular Malaysia, Main Season 2014/2015

NEGERI *State*	MUSIM UTAMA 2014/2015 *Main Season 2014/2015*			SKIM PENGAIRAN *Irrigation Scheme*			LUAR SKIM *Outside irrigation Scheme*		
	FAKTOR KEPADATAN PENANAMAN *Cropping Intensity Factor*	KELUASAN PASEL *Parcel Area* (ha)	KELUASAN BERTANAM *Planted Area* (ha)	KELUASAN PASEL *Parcel Area* (ha)	KELUASAN BERTANAM *Planted Area* (ha)	% BERTANAM *Planted*	KELUASAN PASEL *Parcel Area* (ha)	KELUASAN BERTANAM *Planted Area* (ha)	% BERTANAM *Planted*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
JOHOR	0.79	1,960	1,540	1,828	1,460	79.9	132	80	60.6
KEDAH	0.95	112,858	107,276	92,759	90,622	97.7	20,099	16,654	82.9
KELANTAN	0.84	47,843	39,999	41,469	34,661	83.6	6,374	5,338	83.7
MELAKA	0.40	3,414	1,353	2,662	745	28.0	752	608	80.9
N.SEMBILAN	0.53	2,062	1,100	2,062	1,100	53.3	-	-	-
PAHANG	0.82	9,135	7,453	8,718	7,323	84.0	417	130	31.2
PERAK	0.95	43,079	40,822	42,994	40,737	94.8	85	85	100.0
PERLIS	0.99	26,090	26,029	22,434	22,373	99.7	3,656	3,656	100.0
P.PINANG	1.00	12,782	12,782	12,782	12,782	100.0	-	-	-
SELANGOR	1.00	19,057	19,057	19,057	19,057	100.0	-	-	-
TERENGGANU	0.69	12,806	8,838	12,050	8,149	67.6	756	689	91.1
SEM. MALAYSIA *Pen. Malaysia*	0.91	291,086	266,249	258,815	239,009	92.3	32,271	27,240	84.4

JADUAL B20: KELUASAN PASEL PADI, KELUASAN BERTANAM DAN FAKTOR KEPADATAN PENANAMAN (LUAR JELAPANG) MENGIKUT NEGERI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table B20: Hectarage of Paddy Parcel, Planted Area And Cropping Intensity Factor (Outside Granary Area) By State, Peninsular Malaysia, Main Season 2014/2015

NEGERI *State*	MUSIM UTAMA 2014/2015 *Main Season 2014/2015*			SKIM PENGAIRAN *Irrigation Scheme*			LUAR SKIM *Outside irrigation Scheme*		
	FAKTOR KEPADATAN PENANAMAN *Cropping Intensity Factor*	KELUASAN PASEL *Parcel Area* (ha)	KELUASAN BERTANAM *Planted Area* (ha)	KELUASAN PASEL *Parcel Area* (ha)	KELUASAN BERTANAM *Planted Area* (ha)	% BERTANAM *Planted*	KELUASAN PASEL *Parcel Area* (ha)	KELUASAN BERTANAM *Planted Area* (ha)	% BERTANAM *Planted*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
JOHOR	0.79	1,960	1,540	1,828	1,460	79.9	132	80	60.6
KEDAH	0.87	34,976	30,565	14,877	13,911	93.5	20,099	16,654	82.9
KELANTAN	0.74	13,340	9,832	6,966	4,494	64.5	6,374	5,338	83.7
MELAKA	0.40	3,414	1,353	2,662	745	28.0	752	608	80.9
N.SEMBILAN	0.53	2,062	1,100	2,062	1,100	53.3	-	-	-
PAHANG	0.35	893	309	476	179	37.6	417	130	31.2
PERAK	0.77	7,831	6,019	7,746	5,934	76.6	85	85	100.0
PERLIS	0.90	7,414	7,391	3,758	3,735	99.4	3,656	3,656	100.0
P.PINANG	-	-	-	-	-	-	-	-	-
SELANGOR	-	-	-	-	-	-	-	-	-
TERENGGANU	0.50	7,930	3,962	7,174	3,273	45.6	756	689	91.1
SEM. MALAYSIA *Pen. Malaysia*	0.78	79,820	62,071	47,549	34,831	73.3	32,271	27,240	84.4

AMALAN KULTURA

Yield, Hectarage and Production

JADUAL C1: PENGGUNAAN VARIETI PADI MENGIKUT NEGERI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table C1: Usage of paddy varieties by state, Peninsular Malaysia, Main Season 2014/2015

NEGERI *State*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	VARIETI PADI *Paddy variety*											
		MR 219		MR 220		MR 220 CL1		MR 220 CL2		MR 263		MR 269	
		BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
JOHOR	27	-	-	-	-	7	25.9	6	22.2	-	-	9	33.3
KEDAH	740	53	7.2	40	5.4	-	-	551	74.5	70	9.5	26	3.5
KELANTAN	480	44	9.2	15	3.1	-	-	152	31.7	219	45.6	47	9.8
MELAKA	38	3	7.9	-	-	-	-	32	84.2	3	7.9	-	0.0
N. SEMBILAN	30	6	20.0	3	10.0	7	23.3	11	36.7	2	6.7	1	3.3
PAHANG	81	-	-	-	-	-	-	24	29.6	32	39.5	19	23.5
PERAK	304	16	5.3	1	0.3	31	10.2	232	76.3	15	4.9	9	3.0
PERLIS	200	12	6.0	5	2.5	-	-	165	82.5	17	8.5	1	0.5
PULAU PINANG	111	12	10.8	29	26.1	26	23.4	18	16.2	22	19.8	4	3.6
SELANGOR	110	4	3.6	6	5.5	-	-	89	80.9	6	5.5	5	4.5
TERENGGANU	141	38	27.0	20	14.2	2	1.4	6	4.3	20	14.2	47	33.3
SEM. MALAYSIA *Pen. Malaysia*	2,262	188	8.3	119	5.3	73	3.2	1,286	56.9	406	17.9	168	7.4

JADUAL C1: PENGGUNAAN VARIETI PADI MENGIKUT NEGERI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015 (SAMB.)

Table C1: Usage of paddy varieties by state, Peninsular Malaysia, Main Season 2014/2015 (cont'd.)

NEGERI *State*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	VARIETI PADI *Paddy variety*											
		MRQ 74		MRQ 76									
		BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%
(1)	(2)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
JOHOR	27		-	5	18.5	-	-	-	-	-	-	-	-
KEDAH	740		-	-	-	-	-	-	-	-	-	-	-
KELANTAN	480	3	0.6	-	-	-	-	-	-	-	-	-	-
MELAKA	38		-	-	-	-	-	-	-	-	-	-	-
N. SEMBILAN	30		-	-	-	-	-	-	-	-	-	-	-
PAHANG	81		-	6	7.4	-	-	-	-	-	-	-	-
PERAK	304		-	-	-	-	-	-	-	-	-	-	-
PERLIS	200		-	-	-	-	-	-	-	-	-	-	-
PULAU PINANG	111		-	-	-	-	-	-	-	-	-	-	-
SELANGOR	110		-	-	-	-	-	-	-	-	-	-	-
TERENGGANU	141		-	8	5.7	-	-	-	-	-	-	-	-
SEM. MALAYSIA *Pen. Malaysia*	2,262	3	0.1	19	31.6	-	-	-	-	-	-	-	-

JADUAL C2: PENGGUNAAN VARIETI PADI MENGIKUT KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table C2: Usage of paddy varieties by granary area, Peninsular Malaysia, Main Season 2014/2015

JELAPANG PADI *Granary area*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	VARIETI PADI *Paddy variety*											
		MR 219		MR 220		MR 220 CL1		MR 220 CL2		MR 263		MR 269	
		BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
MADA	675	18	2.7	1	0.1		-	615	91.1	33	4.9	8	1.2
KADA	273	11	4.0	-	-	-	-	77	28.2	154	56.4	31	11.4
IADA KERIAN	156	5	3.2	-	-	19	12.2	127	81.4	2	1.3	3	1.9
IADA BLS	110	4	3.6	6	5.5	-	-	89	80.9	6	5.5	5	4.5
IADA P. PINANG	111	12	10.8	29	26.1	26	23.4	18	16.2	22	19.8	4	3.6
IADA SEB PERAK	97	-	-	1	1.0	12	12.4	79	81.4	2	2.1	3	3.1
IADA KETARA	61	18	29.5	11	18.0	2	3.3	6	9.8	9	14.8	15	24.6
IADA KEM SEMERAK	51	12	23.5	4	7.8	-	-	11	21.6	24	47.1	-	0.0
IADA PEKAN	45	-	-	2	4.4	-	-	3	6.7	25	55.6	15	33.3
IADA ROMPIN	12	-	-	-	-	-	-	4	33.3	7	58.3	1	8.3
JUMLAH *Total*	1,591	80	5.0	54	3.4	59	3.7	1,029	64.7	284	17.9	85	5.3

JADUAL C3: PURATA HASIL PADI MENGIKUT VARIETI PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table C3: Average yield of paddy by paddy variety, Peninsular Malaysia, Main Season 2014/2015

VARIETI PADI *Paddy variety*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	PURATA HASIL PADI *Average yield of paddy*			HASIL TERTINGGI *Maximum yield*			HASIL TERENDAH *Minimum yield*		
		BASAH *Wet* KG/HA *kg/ha*	KERING *Dried* KG/HA *kg/ha*	BERSIH *Cleaned* KG/HA *kg/ha*	BASAH *Wet* KG/HA *kg/ha*	KERING *Dried* KG/HA *kg/ha*	BERSIH *Cleaned* KG/HA *kg/ha*	BASAH *Wet* KG/HA *kg/ha*	KERING *Dried* KG/HA *kg/ha*	BERSIH *Cleaned* KG/HA *kg/ha*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
MR 220 CL2	1,286	5,288	4,659	4,384	11,646	10,260	9,655	979	863	812
MR 263	406	4,881	4,393	4,056	9,629	8,668	8,002	1,081	973	899
MR 219	188	4,934	4,399	4,113	8,900	7,934	7,419	1,661	1,481	1,384
MR 269	168	5,244	4,740	4,134	11,392	10,296	8,979	676	611	533
MR 220	119	5,191	4,626	4,221	9,158	8,162	7,447	1,150	1,025	935
MR 220 CL1	73	5,618	4,759	4,486	8,550	7,244	6,827	3,000	2,542	2,396
MRQ 76	19	4,839	4,203	3,790	7,115	6,179	5,573	1,170	1,016	916
MRQ 74	3	2,606	2,481	2,430	3,400	3,236	3,170	1,462	1,392	1,363
JUMLAH *Total*	2,262	-	-	-	-	-	-	-	-	-

JADUAL C4: KLASIFIKASI PURATA HASIL PADI BERSIH (SEHEKTAR) MENGIKUT VARIETI PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table C4: Classification of average yield of cleaned paddy (per hectare) by paddy variety, Peninsular Malaysia, Main Season 2014/2015

VARIETI PADI *Paddy variety*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	≤ 1.9 TAN *≤ 1.9 tonne*		2.0 - 3.9 TAN *2.0 - 3.9 tonnes*		4.0 - 5.9 TAN *4.0 - 5.9 tonnes*		6.0 - 7.9 TAN *6.0 - 7.9 tonnes*		≥ 8.0 TAN *≥ 8.0 tonnes*	
		BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
MR 220 CL2	1,286	11	0.9	337	26.2	848	65.9	74	5.8	16	1.2
MR 263	406	21	5.2	154	37.9	204	50.2	26	6.4	1	0.2
MR 219	188	8	4.3	72	38.3	93	49.5	15	8.0	-	-
MR 269	168	14	8.3	56	33.3	84	50.0	12	7.1	2	1.2
MR 220	119	9	7.6	33	27.7	60	50.4	17	14.3	-	-
MR 220 CL1	73	-	-	14	19.2	50	68.5	9	12.3	-	-
MRQ 76	19	3	15.8	5	26.3	11	57.9	-	-	-	-
MRQ 74	3	1	33.3	2	66.7	-	-	-	-	-	-
SEMUA JENIS ***All varieties***	2,262	67	3.0	673	29.8	1,350	59.7	153	6.8	19	0.8

JADUAL C5: KAEDAH MENANAM PADI MENGIKUT NEGERI DAN JENIS KAWASAN, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table C5: Paddy planting methods by state and area type, Peninsular Malaysia, Main Season 2014/2015

NEGERI *State*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*			BILANGAN SAMPEL MENGIKUT KAEDAH MENANAM PADI *Number of samples according to method of paddy planting*														
				MENCEDUNG MANUAL *Manual Transplant*			MENCEDUNG JENTERA *Transplanter*			TABUR TERUS BASAH *Broadcasting - puddled field*			TABUR TERUS KERING *Broadcasting - dry field*			TABUR TERUS DALAM AIR *Broadcasting- in water field*		
	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR PENG-AIRAN *Outside Irrigation Areas*	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR PENG-AIRAN *Outside Irrigation Areas*	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR PENG-AIRAN *Outside Irrigation Areas*	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR PENG-AIRAN *Outside Irrigation Areas*	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR PENG-AIRAN *Outside Irrigation Areas*	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR PENG-AIRAN *Outside Irrigation Areas*
(1)	-2	-3	(4)	-5	-6	-7	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
JOHOR	27	24	3	-	-	-	3	3	-	24	21	3	-	-	-	-	-	-
KEDAH	740	648	92	6	6	-	-	-	-	726	634	92	5	5	-	3	3	-
KELANTAN	480	402	78	-	-	-	1	1	-	399	324	75	6	6	-	74	71	3
MELAKA	38	24	14	-	-	-	-	-	-	38	24	14	-	-	-	-	-	-
N. SEMBILAN	30	30	-	-	-	-	-	-	-	30	30	-	-	-	-	-	-	-
PAHANG	81	81	-	-	-	-	-	-	-	60	60	-	21	21	-	-	-	-
PERAK	304	301	3	-	-	-	1	1	-	269	266	3	12	12	-	22	22	-
PERLIS	200	164	36	-	-	-	-	-	-	194	158	36	6	6	-	-	-	-
P. PINANG	111	111	-	-	-	-	-	-	-	71	71	-	-	-	-	40	40	-
SELANGOR	110	110	-	-	-	-	32	32	-	71	71	-	7	7	-	-	-	-
TERENGGANU	141	129	12	8	8	-	-	-	-	133	121	12	-	-	-	-	-	-
SEM. MALAYSIA *Pen. Malaysia*	2,262	2,024	238	14	14	-	37	37	-	2,015	1,780	235	57	57	-	139	136	3
%	100.0	89.5	10.5	0.6	0.6	-	1.6	1.6	-	89.1	78.7	10.4	2.5	2.5	-	6.1	6.0	0.1
SABAH	373	-	-	127	-	-	-	-	-	216	-	-	30	-	-	-	-	-

JADUAL C6: KAEDAH MENANAM PADI MENGIKUT KAWASAN JELAPANG PADI

DAN JENIS KAWASAN, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table C6: Paddy planting methods by granary area
and area type, Peninsular Malaysia, Main Season 2014/2015

JELAPANG PADI *Granary Area*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*			BILANGAN SAMPEL MENGIKUT KAEDAH MENANAM PADI *Number of samples according to method of paddy planting*														
				MENCEDUNG MANUAL *Manual Transplant*			MENCEDUNG JENTERA *Transplanter*			TABUR TERUS BASAH *Broadcasting - puddled field*			TABUR TERUS KERING *Broadcasting - dry field*			TABUR TERUS DALAM AIR *Broadcasting- in water field*		
	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR PENG-AIRAN *Outside Irrigation Areas*	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR PENG-AIRAN *Outside Irrigation Areas*	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR PENG-AIRAN *Outside Irrigation Areas*	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR PENG-AIRAN *Outside Irrigation Areas*	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR PENG-AIRAN *Outside Irrigation Areas*	KESE-LURU-HAN *Overall*	SKIM PENG-AIRAN *Irrigation scheme*	LUAR PENG-AIRAN *Outside Irrigation Areas*
(1)	-2	-3	-4	-5	-6	-7	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
MADA	675	675	-	6	6	-	-	-	-	669	669	-	-	-	-	-	-	-
KADA	273	273	-	-	-	-	1	1	-	201	201	-	-	-	-	71	71	-
IADA KERIAN	156	156	-	-	-	-	1	1	-	130	130	-	9	9	-	16	16	-
IADA BLS	110	110	-	-	-	-	32	32	-	71	71	-	7	7	-	-	-	-
IADA P. PINANG	111	111	-	-	-	-	-	-	-	71	71	-	-	-	-	40	40	-
IADA SEB PERAK	97	97	-	-	-	-	-	-	-	97	97	-	-	-	-	-	-	-
IADA KETARA	61	61	-	-	-	-	-	-	-	61	61	-	-	-	-	-	-	-
IADA KEM SEMERAK	51	51	-	-	-	-	-	-	-	51	51	-	-	-	-	-	-	-
IADA PEKAN	45	45	-	-	-	-	-	-	-	27	27	-	18	18	-	-	-	-
IADA ROMPIN	12	12	-	-	-	-	-	-	-	9	9	-	3	3	-	-	-	-
JUMLAH *Total*	1,591	1,591	-	6	6	-	34	34	-	1,387	1,387	-	37	37	-	127	127	-
%	100.0	100.0	-	0.4	0.4	-	2.1	2.1	-	87.2	87.2	-	2.3	2.3	-	8.0	8.0	-

JADUAL C7: KADAR PENGGUNAAN BENIH MENGIKUT KAEDAH MENANAM PADI DAN NEGERI, SEMENANJUNG MALAYSIA DAN SABAH, MUSIM UTAMA 2014/2015

Table C7: Seeding rate by methods of paddy planting and state, Peninsular Malaysia and Sabah, Main Season 2014/2015

NEGERI *State*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	BILANGAN DAN PERATUS SAMPEL YANG RESPON KEPADA KADAR PENGGUNAAN BENIH *Number and percentage of samples that responded to seeding rate*		KADAR PURATA PENGGUNAAN BENIH (KG/HA) *Average seeding rate (Kg/ha)*				
		BILANGAN *Number*	%	MENCEDUNG MANUAL *Manual Transplant*	MENCEDUNG JENTERA *Transplanter*	TABUR TERUS BASAH *Broadcasting - puddled field*	TABUR TERUS KERING *Broadcasting - dry field*	TABUR TERUS DALAM AIR *Broadcasting - in water field*
(1)	-2	-3	(4)	-5	-6	-7	-8	-9
JOHOR	27	27	100.0	-	72	119	-	-
KEDAH	740	740	100.0	74	-	137	101	140
KELANTAN	480	480	100.0	-	78	135	138	146
MELAKA	38	38	100.0	-	-	115	-	-
N. SEMBILAN	30	30	100.0	-	-	134	-	-
PAHANG	81	81	100.0	-	-	139	149	-
PERAK	304	304	100.0	-	75	147	156	136
PERLIS	200	200	100.0	-	-	137	139	-
PULAU PINANG	111	111	100.0	-	-	144	-	149
SELANGOR	110	110	100.0	-	73	141	145	-
TERENGGANU	141	141	100.0	60	-	133	-	-
SEM. MALAYSIA *Pen. Malaysia*	2,262	2,262	100.0	72	76	138	121	142
SABAH	373	373	100.0	78.8	-	116.7	129.6	-

JADUAL C8: KADAR PENGGUNAAN BENIH MENGIKUT KAEDAH MENANAM PADI DAN KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table C8: Seeding rate by methods of paddy planting and granary area, Peninsular Malaysia, Main Season 2014/2015

JELAPANG PADI *Granary Area*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	BILANGAN DAN PERATUS SAMPEL RESPON KEPADA KADAR PENGGUNAAN BENIH *Number and percentage of samples that responded to seeding rate*		KADAR PURATA PENGGUNAAN BENIH (KG/HA) *Average seeding rate (Kg/ha)*				
		BILANGAN *Number*	%	MENCEDUNG MANUAL *Manual Transplant*	MENCEDUNG JENTERA *Transplanter*	TABUR TERUS BASAH *Broadcasting - puddled field*	TABUR TERUS KERING *Broadcasting - dry field*	TABUR TERUS DALAM AIR *Broadcasting - in water field*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
MADA	675	675	100.0	74	-	140	-	-
KADA	273	273	100.0	-	78	146	-	148
IADA KERIAN	156	156	100.0	-	75	146	154	138
IADA BLS	110	110	100.0	-	73	141	145	-
IADA P. PINANG	111	111	100.0	-	-	144	-	149
IADA SEB PERAK	97	97	100.0	-	-	153	-	-
IADA KETARA	61	61	100.0	-	-	153	-	-
IADA KEM SEMERAK	51	51	100.0	-	-	137	-	-
IADA PEKAN	45	45	100.0	-	-	127	150	-
IADA ROMPIN	12	12	100.0	-	-	145	144	-
JUMLAH *Total*	1,591	1,591	100.0	74	76	143	112	145

JADUAL C9: PENGGUNAAN MEKANISASI MENGIKUT JENIS AKTIVITI DAN NEGERI, SEMENANJUNG MALAYSIA DAN SABAH, MUSIM UTAMA 2014/2015

Table C9: Mechanisation by type of activity and state, Peninsular Malaysia and Sabah, Main Season 2014/2015

NEGERI *State*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	BILANGAN DAN PERATUS SAMPEL MENGGUNA JENTERA *Number and percentage of samples using machines*											
		MENYEDIA SAWAH *Land Preparation*		MENCEDUNG JENTERA *Transplanter*		MENABUR BENIH *Sowing/Broadcasting*		MENABUR BAJA *Manuring*		MERACUN *Chemical Spraying*		MENUAI PADI *Harvesting*	
		BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
JOHOR	27	27	100.0	3	11.1	24	88.9	15	55.6	15	55.6	27	100.0
KEDAH	740	740	100.0	-	-	700	94.6	684	92.4	685	92.6	740	100.0
KELANTAN	480	480	100.0	1	0.2	330	68.8	282	58.8	378	78.8	480	100.0
MELAKA	38	38	100.0	-	-	38	100.0	36	94.7	36	94.7	38	100.0
N. SEMBILAN	30	30	100.0	-	-	30	100.0	30	100.0	30	100.0	30	100.0
PAHANG	81	81	100.0	-	-	81	100.0	81	100.0	81	100.0	81	100.0
PERAK	304	304	100.0	1	0.3	303	99.7	304	100.0	304	100.0	304	100.0
PERLIS	200	200	100.0	-	-	185	92.5	137	68.5	135	67.5	200	100.0
P. PINANG	111	111	100.0	-	-	108	97.3	108	97.3	111	100.0	111	100.0
SELANGOR	110	110	100.0	32	29.1	78	70.9	91	82.7	98	89.1	110	100.0
TERENGGANU	141	141	100.0	-	-	30	21.3	26	18.4	108	76.6	141	100.0
SEM. MALAYSIA *Pen. Malaysia*	2,262	2,262	100.0	37	1.6	1,907	84.3	1,794	79.3	1,981	87.6	2,262	100.0
SABAH	373	249	66.8	-	-	193	51.7	43	11.5	23	6.2	211	56.6

JADUAL C10: PENGGUNAAN MEKANISASI MENGIKUT JENIS AKTIVITI DAN KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table C10: Mechanisation by type of activity and granary area, Peninsular Malaysia, Main Season 2014/2015

JELAPANG PADI *Granary Area*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	BILANGAN DAN PERATUS SAMPEL MENGGUNA JENTERA *Number and percentage of samples using machines*											
		MENYEDIA SAWAH *Land Preparation*		MENCEDUNG JENTERA *Transplanter*		MENABUR BENIH *Sowing/Broadcasting*		MENABUR BAJA *Manuring*		MERACUN *Chemical Spraying*		MENUAI PADI *Harvesting*	
		BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
MADA	675	675	100.0	-	-	669	99.1	675	100.0	675	100.0	675	100.0
KADA	273	273	100.0	1	0.4	207	75.8	187	68.5	202	74.0	273	100.0
IADA KERIAN	156	156	100.0	1	0.6	155	99.4	156	100.0	156	100.0	156	100.0
IADA BLS	110	110	100.0	32	29.1	78	70.9	91	82.7	98	89.1	110	100.0
IADA P. PINANG	111	111	100.0	-	-	108	97.3	108	97.3	111	100.0	111	100.0
IADA SEB PERAK	97	97	100.0	-	-	97	100.0	97	100.0	97	100.0	97	100.0
IADA KETARA	61	61	100.0	-	-	36	59.0	36	59.0	61	100.0	61	100.0
IADA KEM SEMERAK	51	51	100.0	-	-	28	54.9	24	47.1	45	88.2	51	100.0
IADA PEKAN	45	45	100.0	-	-	45	100.0	45	100.0	45	100.0	45	100.0
IADA ROMPIN	12	12	100.0	-	-	12	100.0	12	100.0	12	100.0	12	100.0
JUMLAH *Total*	1,591	1,591	100.0	34	2.1	1,435	90.2	1,431	89.9	1,502	94.4	1,591	100.0

JADUAL C11: BILANGAN SAMPEL DAN PURATA HASIL PADI BASAH MENGIKUT VARIETI PADI, SABAH, MUSIM UTAMA 2014/2015

Table C11: Number of samples and average yield of wet paddy by paddy variety, Sabah, Main Season 2014/2015

VARIETI *Variety*	BILANGAN SAMPEL *Number of samples*	% DITANAM *Planted*	PURATA HASIL PADI BASAH (KG/HEKTAR) *Average yield of wet paddy (Kg/ha)*
(1)	(2)	(3)	(4)
TR 8	164	44.0	4,282
Tempatan	139	37.3	4,116
Sarawak	27	7.2	4,226
Padi Wangi	17	4.6	4,482
TR 7	12	3.2	5,350
TQR 2	5	1.3	4,880
MR 159	3	0.8	4,917
Bario	3	0.8	3,483
Cileung	2	0.5	4,050
TR 9	1	0.3	3,400
SABAH	373	100.0	4,234

JADUAL C12 : BILANGAN DAN PERATUS SAMPEL MENGGUNAKAN BAJA MENGIKUT JENIS DI KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table C12 : Number and percentage of samples using fertilizer by type granary area, Peninsular Malaysia, Main Season 2014/2015

JELAPANG PADI *Granary Area*	BILANGAN SAMPEL DI ANALISIS *Number of samples analysed*	BILANGAN DAN PERATUS SAMPEL MENGGUNAKAN BAJA MENGIKUT JENIS *Number and percentage of samples using fertilizer by type*																	
		*BAJA FOLIAR *Foliar fertilizer* BAJA ORGANIK/ *Organic fertilizer* 5: 5: 5		BAJA SEBATIAN *Complex fertilizer* 17.5:15.5:10 / 17:20:10				BAJA UREA *Urea fertilizer* 46% N				**BAJA NPK TAMBAHAN ***Additional NPK fertilizer* 17:3:20:2 MgO:1B:0.5Cu:0.2Zn				BAJA TAMBAHAN LAIN-LAIN *Others Additional fertilizer*			
		PEMBAJAAN *Fertilizer application*		PEMBAJAAN KALI PERTAMA *First application of fertilizer*		PEMBAJAAN KALI KEDUA *Second application of fertilizer*		PEMBAJAAN KALI PERTAMA *First application of fertilizer*		PEMBAJAAN KALI KEDUA *Second application of fertilizer*		PEMBAJAAN KALI PERTAMA *First application of fertilizer*		PEMBAJAAN KALI KEDUA *Second application of fertilizer*		PEMBAJAAN KALI PERTAMA *First application of fertilizer*		PEMBAJAAN KALI KEDUA *Second application of fertilizer*	
		Bil. *No.*	%	Bil. *No.*	%	Bil *No*	%	Bil. *No.*	%	Bil. *No.*	%	Bil. *No.*	%	Bil. *No.*	%	Bil. *No.*	%	Bil. *No.*	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
MADA	675	**99*	**14.67*	675	100.00	2	0.30	668	98.96	0	0.00	673	99.70	0	0.0	0	0.00	0	0.00
KADA	275	226	82.18	273	99.27	109	39.64	265	96.36	38	13.82	247	89.82	0	0.0	1 0	0.00	1 0	0.00
IADA KERIAN	147	**94*	**63.95*	51	34.69	64	43.54	146	99.32	47	31.97	144	97.96	12	8.2	5	3.40	0	0.00
IADA BLS	77	21	27.27	77	100.00	44	57.14	74	96.10	14	18.18	12	15.58	0	0.0	59	76.62	37	48.05
IADA P. PINANG	108	0	0	104	96.30	42	38.89	101	93.52	3	2.78	99	91.67	0	0.0	0	0.00	0	0.00
IADA SEB. PERAK	25	19	76.00	25	100.00	25	100.00	25	100.00	0	0.00	0	0.00	0	0.0	21	84.00	0	0.00
IADA KETARA	61	56	91.80	61	100.00	0	0.00	61	100.00	0	0.00	61	100.00	0	0.0	38	62.30	1	1.64
IADA KEMASIN SEMERAK	51	39	76.47	51	100.00	3	5.88	51	100.00	7	13.73	0	0.00	0	0.0	39	76.47	3	5.88
IADA PEKAN	45	45	100.00	45	100.00	19	42.22	45	100.00	4	8.89	0	0.00	0	0.0	27	60.00	8	17.78
IADA ROMPIN	12	5	41.67	12	100.00	12	100.00	12	100.00	12	100.00	0	0.00	0	0.0	2	16.67	0	0.00
JUMLAH *Total*	**1,476**	**Baja Organik** *Organic Fertilizer* Bil. **392**	% **80.16**	**Baja Foliar** *Foliar Fertilizer* Bil. **193**	% **23.48**	**1,374**	**93.09**	**320**	**21.68**	**1,448**	**98.10**	**125**	**8.47**	**1,236**	**83.74**	**12**	**0.81**	**192**	**13.01**	**50**	**3.39**

Nota/Note :

*Baja Foliar hanya dibekalkan kepada MADA dan IADA KERIAN manakala lain-lain Jelapang dibekalkan dengan Baja Organik 5:5:5.

**Only MADA and IADA KERIAN granary area supplied by Foliar fertilizer/Growth Enhancer while other supplied by organic fertilizer 5:5:5*

**Baja Tambahan yang dibeli oleh petani sendiri (cth: baja sebatian 12:12:17:2 / 13:13:21 dsb.)

***Additional fertilizer purchased by farmers (eg. compound fertilizer 12:12:17:2/ 13:13:21 etc.)*

Data yang diterbitkan dalam jadual ini dianalisis oleh Bahagian Pengurusan Tanah, Jabatan Pertanian, Semenanjung Malaysia.

The data reported in this table was analysed by Soil Management Division, Department of Agriculture, Semenanjung Malaysia.

JADUAL C13 : PURATA PENGGUNAAN BAJA MENGIKUT JENIS (kg/ha) DI KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table C13 : Average fertilizer usage by type (kg/ha) granary area, Peninsular Malaysia, Main Season 2014/2015

JELAPANG PADI *Granary Area*	BILANGAN SAMPEL DI ANALISIS *Number of samples analysed*	PURATA PENGGUNAAN BAJA (L/ha atau KG/HA) *Average fertilizer usage (L/ha or kg/ha)* *BAJA FOLIAR/ *Foliar fertilizer **BAJA ORGANIK/**Organic fertilizer 5: 5: 5 PEMBAJAAN SEBELUM PENANAMAN *Application of fertilizer*	PURATA PENGGUNAAN ***BAJA SEBATIAN (KG/HA) *Average ***Complex fertilizer usage (kg/ha)* 17.5:15.5:10 / 17:20:10		PURATA PENGGUNAAN ****BAJA UREA (KG/HA) *Average ****Urea fertilizer usage (kg/ha)* 46% N		PURATA PENGGUNAAN *****BAJA NPK TAMBAHAN (KG/HA) *Average *****additional NPK fertilizer usage (kg/ha)* 17:3:20:2 MgO:1B:0.5Cu:0.2Zn		PURATA PENGGUNAAN BAJA TAMBAHAN LAIN-LAIN (KG/HA) *Average others additional fertilizer usage (kg/ha)*	
			PEMBAJAAN KALI PERTAMA *First application of fertilizer*	PEMBAJAAN KALI KEDUA *Second application of fertilizer*	PEMBAJAAN KALI PERTAMA *First application of fertilizer*	PEMBAJAAN KALI KEDUA *Second application of fertilizer*	PEMBAJAAN KALI PERTAMA *First application of fertilizer*	PEMBAJAAN KALI KEDUA *Second application of fertilizer*	PEMBAJAAN KALI PERTAMA *First application of fertilizer*	PEMBAJAAN KALI KEDUA *Second application of fertilizer*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
MADA	675	**2.37*	210.62	122.18	68.79	0.00	176.25	0.00	0.00	0.00
KADA	275	*101.91*	206.77	123.01	92.35	83.10	132.25	0.00	0.00	0.00
IADA KERIAN	147	**5.10*	197.33	104.01	92.55	30.94	167.69	388.33	86.11	0.00
IADA BLS	77	*119.61*	226.78	130.96	111.62	131.74	100.07	0.00	157.75	136.62
IADA P. PINANG	108	*0.00*	190.18	96.91	78.90	47.56	142.30	0.00	0.00	0.00
IADA SEB. PERAK	25	*2032.81*	201.22	161.50	77.95	0.00	0.00	0.00	127.02	0.00
IADA KETARA	61	*132.08*	237.26	0.00	114.60	0.00	155.57	0.00	154.63	1.67
IADA KEMASIN SEMERAK	51	*122.51*	263.16	77.52	108.57	37.45	0.00	0.00	136.17	76.75
IADA PEKAN	45	*69.81*	127.87	114.33	93.61	45.78	0.00	0.00	109.99	102.73
IADA ROMPIN	12	*98.29*	228.77	158.95	76.05	32.19	0.00	0.00	136.17	76.75
PURATA *Average*	**1,476**	**Baja Organik** *Organic Fertilizer* **128.84** / **Baja Foliar** *Foliar Fertilizer* **7.47**	**209.00**	**121.04**	**91.50**	**58.39**	**145.69**	**388.33**	**121.31**	**79.44**

Nota/Note : *HLT = Hari Lepas Tabur*

DAS = Days After Sowing

**Baja Organik diberi sebanyak 100 kg/ha untuk ditabur pada 14 HLT

***Organic fertilizer given by 100 kg/ha at 14 DAS*

***Baja Sebatian 17.5:15.5:10 / 17:20:10 diberi sebanyak 140 kg/ha pada 15 HLT dan 100 kg/ha pada 55 HLT

****Complex fertilizer 17.5:15.5:10 / 17:20:10 given by 140 kg/ha at 15 DAS and 100 kg/ha at 55 DAS*

****Baja Urea yang disyorkan ialah 80 kg/ha pada peringkat beranak aktif (35 HLT)

*****Recommended Urea fertilizer 80 kg/ha at the active birth level (35 DAS)*

*****Baja NPK Tambahan 17:3:20:2 MgO:1B:0.5Cu:0.2Zn diberi sebanyak 100 kg/ha pada 55 HLT dan 50 kg/ha pada 75 HLT

******Additional NPK fertilizer 17:3:20:2 MgO:1B:0.5Cu:0.2Zn given by 100 kg/ha at 55 DAS and 50 kg/ha at 75 DAS*

Data yang diterbitkan dalam jadual ini dianalisis oleh Bahagian Pengurusan Tanah, Jabatan Pertanian, Semenanjung Malaysia.

The data reported in this table was analysed by Soil Management Division, Department of Agriculture, Peninsular Malaysia.

JADUAL C14 : PURATA MASA PEMBERIAN BAJA MENGIKUT JENIS (HLT) DI KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table C14 : Average time of fertilizer given by type (DAS) granary area, Peninsular Malaysia, Main Season 2014/2015

JELAPANG PADI *Granary Area*	BILANGAN SAMPEL DI ANALISIS *Number of samples analysed*	PURATA MASA PEMBERIAN BAJA ORGANIK (HLT) *Average timing of Organic fertilizer application (DAS)*	PURATA MASA PEMBERIAN ***BAJA SEBATIAN (HLT) *Average timing of ***Complex fertilizer application (DAS)*		PURATA MASA PEMBERIAN ****BAJA UREA (HLT) *Average timing of ****Urea fertilizer application (DAS)*		PURATA MASA PEMBERIAN *****BAJA NPK TAMBAHAN (HLT) *Average timing of *****additional NPK fertilizer application (DAS)*		PURATA MASA PEMBERIAN BAJA TAMBAHAN LAIN-LAIN (HLT) *Average timing of others additional fertilizer application (DAS)*	
		*BAJA FOLIAR/ *Foliar fertilizer	17.5:15.5:10 / 17:20:10		46% N		17:3:20:2 MgO:1B:0.5Cu:0.2Zn			
		**BAJA ORGANIK/ **Organic fertilizer 5: 5: 5 PEMBAJAAN SEBELUM PENANAMAN *Application of fertilizer*	PEMBAJAAN KALI PERTAMA *First application of fertilizer*	PEMBAJAAN KALI KEDUA *Second application of fertilizer*	PEMBAJAAN KALI PERTAMA *First application of fertilizer*	PEMBAJAAN KALI KEDUA *Second application of fertilizer*	PEMBAJAAN KALI PERTAMA *First application of fertilizer*	PEMBAJAAN KALI KEDUA *Second application of fertilizer*	PEMBAJAAN KALI PERTAMA *First application of fertilizer*	PEMBAJAAN KALI KEDUA *Second application of fertilizer*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
MADA	675	*45	18	45	33	-	61	-	-	-
KADA	275	-1	17	43	37	50	62	-	-	-
IADA KERIAN	147	*46	15	44	32	58	56	73	64	-
IADA BLS	77	12	23	42	22	41	37	-	48	66
IADA P. PINANG	108	-	18	36	35	37	56	-	-	-
IADA SEB. PERAK	25	-	14	50	31	-	-	-	72	-
IADA KETARA	61	4	19		36	-	53	-	57	75
IADA KEMASIN SEMERAI	51	-12	16	-	38	59	-	-	61	35
IADA PEKAN	45	-	37	67	-	-	-	-	55	60
IADA ROMPIN	12	-28	15	54	30	30	-	-	63	-
PURATA *Average*	**1,476**	**Baja Organik** *Organic Fertilizer* **-4** / **Baja Foliar** *Foliar Fertilizer* **45**	**19.19**	**47.67**	**32.58**	**45.59**	**54.17**	**72.50**	**59.98**	**59.17**

Nota/Note :

HLT = Hari Lepas Tabur

DAS = Days After Sowing

**Baja Organik diberi sebanyak 100 kg/ha untuk ditabur pada 14 HLT

***Organic fertilizer given by 100 kg/ha at 14 DAS*

***Baja Sebatian 17.5:15.5:10 / 17:20:10 diberi sebanyak 140 kg/ha pada 15 HLT dan 100 kg/ha pada 55 HLT

****Complex fertilizer 17.5:15.5:10 / 17:20:10 given by 140 kg/ha at 15 DAS and 100 kg/ha at 55 DAS*

****Baja Urea yang disyorkan ialah 80 kg/ha pada peringkat beranak aktif (35 HLT)

*****Recommended Urea fertilizer 80 kg/ha at the active birth level (35 DAS)*

*****Baja NPK Tambahan 17:3:20:2 MgO:1B:0.5Cu:0.2Zn diberi sebanyak 100 kg/ha pada 55 HLT dan 50 kg/ha pada 75 HLT

******Additional NPK fertilizer 17:3:20:2 MgO:1B:0.5Cu:0.2Zn given by 100 kg/ha at 55 DAS and 50 kg/ha at 75 DAS*

Data yang diterbitkan dalam jadual ini dianalisis oleh Bahagian Pengurusan Tanah, Jabatan Pertanian, Semenanjung Malaysia.

The data reported in this table was analysed by Soil Management Division, Department of Agriculture, Peninsular Malaysia.

JADUAL C15 : PURATA PENGGUNAAN NUTRIEN UTAMA MENGIKUT KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table 15 : Average major nutrients usage by granary area, Peninsular Malaysia, Main Season 2014/2015

JELAPANG PADI *Granary Area*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	PURATA PENGGUNAAN NUTRIEN UTAMA Average major nutrients usage		
		N NITROGEN *Nitrogen* (kg/ha)	P_2O_5 FOSFORUS *Phosphorous* (kg/ha)	K_2O KALIUM *Potassium* (kg/ha)
(1)	(2)	(3)	(4)	(5)
MADA	675	98.13	38.00	66.07
IADA KERIAN	275	115.96	47.41	59.88
IADA BLS	147	121.33	52.91	72.07
IADA P. PINANG	77	137.49	81.89	68.40
IADA SEBERANG PERAK	108	98.08	48.17	56.80
KADA	25	189.36	146.50	131.66
IADA KETARA	61	137.13	103.87	85.06
IADA KEMASIN SEMERAK	51	111.77	49.43	42.83
IADA PEKAN	45	90.25	37.23	37.58
IADA ROMPIN	12	121.15	64.55	43.02
JUMLAH *Total*	**1,476**	**122.06**	**67.00**	**66.34**

Nota/Note :

Data yang diterbitkan dalam jadual ini dianalisis oleh Bahagian Pengurusan Tanah, Jabatan Pertanian, Semenanjung Malaysia.

The data reported in this table was analysed by Soil Management Division, Department of Agriculture, Semenanjung Malaysia.

UJIAN PENGERINGAN

Driage Tests

JADUAL D1: SAMBUTAN UJIAN PENGERINGAN MENGIKUT NEGERI DAN STESEN PENGERINGAN, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table D1: Response of driage tests by state and driage station, Peninsular Malaysia, Main Season 2014/2015

NEGERI DAN STESEN *State and station*	BILANGAN SAMPEL DIRANCANG *Number of samples planned*	BILANGAN SAMPEL TIDAK BERTANAM/BUKAN LOT PADI/ TIADA SAMBUTAN DAN LAIN-LAIN *Number of samples not planted/ not paddy lot/non-response etc.*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	
			BILANGAN *Number*	%
(1)	(2)	(3)	(4)	(5)
JOHOR				
1. Ayer Hitam	18	0	18	100.0
KEDAH (L/MADA)				
2. Teluk Chengai	120	0	120	100.0
KELANTAN				
3. Lundang	256	0	256	100.0
MELAKA				
4. Pulau Gadong	25	0	25	100.0
N. SEMBILAN				
5. Sendayan	20	0	20	100.0
PAHANG				
6. Bukit Ubi	43	0	43	100.0
PERAK				
7. Titi Gantung	182	0	182	100.0
PERLIS				
8. Bukit Temiang	90	0	90	100.0
PULAU PINANG				
9. Bumbung Lima	72	0	72	100.0
SELANGOR				
10. Sungai Burung	110	0	110	100.0
TERENGGANU				
11. Ajil	95	0	95	100.0
MADA				
12. Ampang Jajar	160	0	160	100.0
SEM. MALAYSIA *Pen. Malaysia*	1,191	0	1,191	100.0
SABAH	228	56	172	75.4

JADUAL D2: UJIAN PENGERINGAN - BERAT SAMPEL PADI BASAH, PADI KERING DAN PADI BERSIH MENGIKUT NEGERI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table D2: Driage test - Sample weight of wet paddy, dried paddy and cleaned paddy by state, Peninsular Malaysia, Main Season 2014/2015

NEGERI *State*	BERAT SAMPEL PADI BASAH *Sample weight of wet paddy*		PURATA BERAT PADI KERING SEKITAR 14 % KWB (KG/SAMPEL) *Average weight of dried paddy at around 14% MC (kg/sample)*	PURATA BERAT PADI BERSIH (KG/SAMPEL) *Average weight of cleaned paddy (kg/sample)*			PERATUS HAMPA (DISTESEN) *Percentage of unfilled grain (at station)*
	SAMPEL *sample* (KG)	% KWB *% MC*		SEKITAR 14 % KWB *Around 14% MC*	% KWB *% MC*	DISESUAIKAN TEPAT 14 % KWB *Converted to exact 14% MC*	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
JOHOR	1.000	23.4	0.856	0.805	13.4	0.804	5.1
KEDAH	1.000	19.7	0.906	0.801	11.8	0.823	10.5
KELANTAN	1.000	15.1	0.944	0.847	11.7	0.871	9.7
MELAKA	1.000	21.2	0.880	0.836	12.0	0.856	4.4
N. SEMBILAN	1.000	18.6	0.842	0.818	11.4	0.828	2.4
PAHANG	1.000	24.4	0.864	0.794	12.7	0.806	7.0
PERAK	1.000	20.6	0.854	0.717	10.3	0.748	13.7
PERLIS	1.000	23.0	0.864	0.822	12.0	0.842	4.2
PULAU PINANG	1.000	22.9	0.873	0.803	9.5	0.845	7.0
SELANGOR	1.000	25.4	0.817	0.771	8.5	0.811	4.6
TERENGGANU	1.000	22.7	0.881	0.813	12.2	0.830	6.8
SEM. MALAYSIA *Pen. Malaysia*	1.000	20.4	0.884	0.798	11.1	0.824	8.6
SABAH	1.000	14.1	0.820	0.736	10.8	0.750	8.4

Catatan: **KWB** **Kelembapan Wap Basah**
Notes: *MC* *Moisture Content*

JADUAL D3: UJIAN PENGERINGAN - BERAT SAMPEL PADI BASAH, PADI KERING DAN PADI BERSIH MENGIKUT KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table D3: Driage tests - Sample weights of wet paddy, dried paddy and cleaned paddy by granary area, Peninsular Malaysia, Main Season 2014/2015

JELAPANG PADI *Granary area*	BERAT SAMPEL PADI BASAH *Sample weight of wet paddy*		PURATA BERAT PADI KERING SEKITAR 14 % KWB (KG/SAMPEL) *Average weight of dried paddy at around 14% MC (kg/sample)*	PURATA BERAT PADI BERSIH (KG/SAMPEL) *Average weight of cleaned paddy (kg/sample)*			PERATUS HAMPA (DISTESEN) *Percentage of unfilled grain (at station)*
	SAMPEL *Sample* (KG)	% KWB *% MC*		SEKITAR 14 % KWB *Around 14% MC*	% KWB *% MC*	DISESUAIKAN TEPAT 14 % KWB *Converted to exact 14% MC*	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
MADA	1.000	21.8	0.901	0.841	11.3	0.868	6.0
KADA	1.000	15.4	0.936	0.857	11.8	0.880	7.9
IADA KERIAN	1.000	23.6	0.858	0.769	9.4	0.810	8.9
IADA BLS	1.000	25.4	0.817	0.771	8.5	0.811	4.6
IADA P. PINANG	1.000	22.9	0.873	0.803	9.5	0.845	7.0
IADA SEB PERAK	1.000	21.0	0.844	0.691	10.7	0.713	15.3
IADA KETARA	1.000	21.0	0.896	0.826	12.3	0.842	7.0
IADA KEM SEMERAK	1.000	15.5	0.927	0.841	11.6	0.892	8.6
IADA PEKAN	1.000	24.7	0.869	0.775	12.7	0.787	9.4
IADA ROMPIN	1.000	22.8	0.896	0.860	12.7	0.872	3.6
KESELURUHAN *Overall*	1.000	21.3	0.881	0.804	10.6	0.835	7.7

Catatan: **KWB** **Kelembapan Wap Basah**
Notes: *MC* *Moisture Content*

JADUAL D4: UJIAN PENGERINGAN - BERAT SAMPEL PADI BASAH, PADI KERING DAN PADI BERSIH MENGIKUT VARIETI PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table D4: Driage tests - Sample weights of wet paddy, dried paddy and cleaned paddy by paddy variety, Peninsular Malaysia, Main Season 2013/2014

VARIETI PADI *Paddy variety*	BERAT SAMPEL PADI BASAH *Sample weight of wet paddy*		PURATA BERAT PADI KERING SEKITAR 14 % KWB (KG/SAMPEL) *Average weight of dried paddy at around 14% MC (kg/sample)*	PURATA BERAT PADI BERSIH (KG/SAMPEL) *Average weight of cleaned paddy (kg/sample)*			PERATUS HAMPA (DISTESEN) *Percentage of unfilled grain (at station)*
	SAMPEL *sample* (KG)	% KWB *% MC*		SEKITAR 14 % KWB *Around 14% MC*	% KWB *% MC*	DISESUAIKAN TEPAT 14 % KWB *Converted to exact 14% MC*	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
MR 220 CL2	1.000	21.0	0.881	0.803	11.0	0.829	7.8
MR 263	1.000	19.2	0.900	0.809	11.6	0.831	9.1
MR 219	1.000	19.7	0.892	0.810	11.8	0.834	8.2
MR 269	1.000	19.6	0.904	0.767	12.0	0.788	13.7
MR 220	1.000	19.8	0.891	0.787	11.2	0.813	10.4
MR 220 CL1	1.000	24.5	0.847	0.773	11.1	0.799	7.4
MRQ 76	1.000	13.5	0.952	0.907	11.6	0.932	4.5
MRQ 74	1.000	21.7	0.869	0.780	12.5	0.783	8.9

Catatan: **KWB Kelembapan Wap Basah**
Notes: *MC Moisture Content*

JADUAL D5: FAKTOR PENUKARAN DARIPADA PURATA HASIL PADI BASAH KEPADA PURATA HASIL PADI KERING DAN PURATA HASIL PADI BERSIH MENGIKUT KELAS PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Table D5: Conversion factor from average yield of wet paddy to average yield of dried paddy and average yield of cleaned paddy by paddy class, Peninsular Malaysia, Main Season 2014/2015

KELAS PADI *Paddy class*	FAKTOR PADI KERING *Factor for dried paddy*	FAKTOR PADI BERSIH *Factor for cleaned paddy*
(1)	(2)	(3)
(i) Semenanjung Malaysia *Peninsular Malaysia*		
a. Kelas Panjang *Long grain*	0.884	0.824
b. Kelas Sederhana *Medium grain*	-	-
(ii) Kawasan Jelapang Padi *Granary area*		
a. Kelas Panjang *Long grain*	0.881	0.835
b. Kelas Sederhana *Medium grain*	-	-

LAMPIRAN-LAMPIRAN

Appendices

LAMPIRAN 1
Appendix

KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH DAN PADI HUMA (TANAH TINGGI DAN TANAH RENDAH) MENGIKUT NEGERI , MALAYSIA, MUSIM UTAMA 2014/2015

Planted area, average yield of cleaned paddy and Paddy Production of Wetland Paddy and Dryland Paddy (upland and lowland) by State, MALAYSIA, Main Season 2014/2015

NEGERI *State*	PADI KESELURUHAN *Overall Paddy*			PADI SAWAH *Wetland Paddy*			PADI HUMA *Dryland Paddy*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	-5	-6	-7	(8)	(9)	(10)
JOHOR	1,540	3,926	6,046	1,540	3,926	6,046	-	-	-
KEDAH	107,276	4,063	435,862	107,276	4,063	435,862	-	-	-
KELANTAN	39,999	3,985	159,396	39,999	3,985	159,396	-	-	-
MELAKA	1,353	4,026	5,447	1,353	4,026	5,447	-	-	-
N.SEMBILAN	1,100	4,143	4,557	1,100	4,143	4,557	-	-	-
PAHANG	7,453	3,706	27,621	7,453	3,706	27,621	-	-	-
PERAK	40,822	4,170	170,228	40,822	4,170	170,228	-	-	-
PERLIS	26,029	4,468	116,298	26,029	4,468	116,298	-	-	-
P.PINANG	12,782	5,774	73,803	12,782	5,774	73,803	-	-	-
SELANGOR	19,057	6,117	116,572	19,057	6,117	116,572	-	-	-
TERENGGANU	8,838	5,220	46,134	8,838	5,220	46,134	-	-	-
SEM. MALAYSIA *Pen. Malaysia*	266,249	4,364	1,161,964	266,249	4,364	1,161,964	-	-	-
SABAH	28,239	3,086	87,142	22,134	3,521	77,928	6,105	1,509	9,214
SARAWAK	121,140	1,972	238,928	64,818	2,811	182,203	56,322	752	42,370
MALAYSIA	415,628	3,580	1,488,034	353,201	4,026	1,422,095	62,427	826	51,584

LAMPIRAN 2
Appendix

KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN KESELURUHAN PADI (PADI SAWAH DAN PADI HUMA) MENGIKUT NEGERI DAN MUSIM, MALAYSIA, 2014

Planted area, average yield of cleaned paddy and overall paddy production (Wetland Paddy and Dryland Paddy) by state and season, Malaysia, 2014

NEGERI *State*	SEMUA MUSIM 2014 *All Seasons 2014*			MUSIM UTAMA 2013/2014 *Main Season 2013/2014*			LUAR MUSIM 2014 *Off Season 2014*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	-5	-6	-7	(8)	(9)	(10)
JOHOR	2,976	4,321	12,859	1,555	4,493	6,987	1,421	4,132	5,872
KEDAH	212,401	4,878	1,036,180	106,329	4,809	511,336	106,072	4,948	524,844
KELANTAN	69,412	4,035	280,076	39,546	3,967	156,879	29,866	4,125	123,197
MELAKA	2,608	3,271	8,530	1,238	3,577	4,428	1,370	2,994	4,102
N.SEMBILAN	2,070	4,510	9,335	1,160	4,554	5,283	910	4,453	4,052
PAHANG	11,872	2,973	35,296	7,343	2,756	20,237	4,529	3,325	15,059
PERAK	81,503	4,330	352,930	40,961	4,383	179,532	40,542	4,277	173,398
PERLIS	52,088	5,116	266,506	26,059	5,058	131,806	26,029	5,175	134,700
P.PINANG	25,564	5,872	150,112	12,782	5,692	72,755	12,782	6,052	77,357
SELANGOR	37,842	6,403	242,320	18,925	6,247	118,224	18,917	6,560	124,096
TERENGGANU	16,045	4,895	78,535	8,543	4,911	41,955	7,502	4,876	36,580
SEM. MALAYSIA *Pen. Malaysia*	514,381	4,807	2,472,678	264,441	4,725	1,249,422	249,940	4,894	1,223,256
SABAH	41,387	3,388	140,226	28,633	3,344	95,740	12,754	3,488	44,486
SARAWAK	123,471	1,909	235,655	123,187	1,908	235,094	284	1,971	561
MALAYSIA	679,239	4,194	2,848,559	416,261	3,796	1,580,256	262,978	4,823	1,268,303

LAMPIRAN 3
Appendix

KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH MENGIKUT NEGERI DAN MUSIM, MALAYSIA, 2014
Planted area, average yield of cleaned paddy and production of Wetland Paddy by state and season, Malaysia, 2014

NEGERI *State*	SEMUA MUSIM 2014 *All Seasons 2014*			MUSIM UTAMA 2013/2014 *Main Season 2013/2014*			LUAR MUSIM 2014 *Off Season 2014*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
JOHOR	2,976	4,321	12,859	1,555	4,493	6,987	1,421	4,132	5,872
KEDAH	212,401	4,878	1,036,180	106,329	4,809	511,336	106,072	4,948	524,844
KELANTAN	69,412	4,035	280,076	39,546	3,967	156,879	29,866	4,125	123,197
MELAKA	2,608	3,271	8,530	1,238	3,577	4,428	1,370	2,994	4,102
N.SEMBILAN	2,070	4,510	9,335	1,160	4,554	5,283	910	4,453	4,052
PAHANG	11,872	2,973	35,296	7,343	2,756	20,237	4,529	3,325	15,059
PERAK	81,503	4,330	352,930	40,961	4,383	179,532	40,542	4,277	173,398
PERLIS	52,088	5,116	266,506	26,059	5,058	131,806	26,029	5,175	134,700
P.PINANG	25,564	5,872	150,112	12,782	5,692	72,755	12,782	6,052	77,357
SELANGOR	37,842	6,403	242,320	18,925	6,247	118,224	18,917	6,560	124,096
TERENGGANU	16,045	4,895	78,535	8,543	4,911	41,955	7,502	4,876	36,580
SEM. MALAYSIA *Pen. Malaysia*	514,381	4,807	2,472,678	264,441	4,725	1,249,422	249,940	4,894	1,223,256
SABAH	34,953	3,503	122,455	22,199	3,512	77,969	12,754	3,488	44,486
SARAWAK	66,373	2,898	192,359	66,089	2,848	188,221	284	1,971	561
MALAYSIA	615,707	4,527	2,787,492	352,729	4,297	1,515,612	262,978	4,823	1,268,303

LAMPIRAN 4
Appendix

KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN
PADI HUMA (TANAH TINGGI DAN TANAH RENDAH) MENGIKUT NEGERI DAN MUSIM, MALAYSIA, 2014
Planted area, average yield of cleaned paddy and production of
Dryland Paddy (upland and lowland) by state and season, Malaysia, 2014

NEGERI *State*	SEMUA MUSIM 2014 *All Seasons 2014*			MUSIM UTAMA 2013/2014 *Main Season 2013/2014*			LUAR MUSIM 2014 *Off Season 2014*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
JOHOR	-	-	-	-	-	-	-	-	-
KEDAH	-	-	-	-	-	-	-	-	-
KELANTAN	-	-	-	-	-	-	-	-	-
MELAKA	-	-	-	-	-	-	-	-	-
N.SEMBILAN	-	-	-	-	-	-	-	-	-
PAHANG	-	-	-	-	-	-	-	-	-
PERAK	-	-	-	-	-	-	-	-	-
PERLIS	-	-	-	-	-	-	-	-	-
P.PINANG	-	-	-	-	-	-	-	-	-
SELANGOR	-	-	-	-	-	-	-	-	-
TERENGGANU	-	-	-	-	-	-	-	-	-
SEM. MALAYSIA *Pen. Malaysia*	-	-	-	-	-	-	-	-	-
SABAH	6,434	2,762	17,771	6,434	2,762	17,771	-	-	-
SARAWAK	57,098	758	43,296	57,098	758	43,296	-	-	-
MALAYSIA	63,532	961	61,067	63,532	961	61,067	-	-	-

LAMPIRAN 5
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH
DAN PENGELUARAN KESELURUHAN PADI (PADI SAWAH DAN PADI HUMA), MALAYSIA, 2005 - 2015
Time series data - Planted area, average yield of cleaned paddy
and overall paddy production (Wetland Paddy and Dryland Paddy), Malaysia, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	666,766	3,471	2,314,205	417,119	3,182	1,327,467	249,647	3,953	986,738
2006	676,034	3,236	2,187,519	419,468	2,799	1,174,229	256,566	3,949	1,013,290
2007	676,111	3,514	2,375,604	415,791	3,172	1,318,972	260,320	4,059	1,056,632
2008	656,602	3,584	2,353,032	399,614	3,250	1,298,815	256,988	4,102	1,054,217
2009	674,928	3,720	2,511,043	412,401	3,366	1,388,177	262,527	4,277	1,122,865
2010	677,884	3,636	2,464,831	416,881	3,381	1,409,660	261,003	4,043	1,055,171
2011	687,940	3,748	2,578,519	421,269	3,356	1,413,962	266,671	4,367	1,164,557
2012	684,545	3,797	2,599,382	430,182	3,386	1,456,520	254,363	4,493	1,142,862
2013	671,679	3,876	2,603,654	425,360	3,367	1,432,116	246,319	4,756	1,171,538
2014	679,239	4,194	2,848,559	416,261	3,796	1,580,256	262,978	4,823	1,268,303
2015	-	-	-	415,628	3,580	1,488,034	-	-	-

LAMPIRAN 6
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH, MALAYSIA, 2005 - 2015
Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy, Malaysia, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	595,889	3,788	2,257,017	346,242	3,669	1,270,279	249,647	3,953	986,738
2006	607,047	3,511	2,131,101	350,481	3,189	1,117,811	256,566	3,949	1,013,290
2007	605,943	3,821	2,315,480	345,623	3,642	1,258,848	260,320	4,059	1,056,632
2008	595,935	3,868	2,304,935	338,947	3,690	1,250,718	256,988	4,102	1,054,217
2009	608,525	4,031	2,453,186	345,998	3,845	1,330,320	262,527	4,277	1,122,865
2010	608,937	3,944	2,401,665	347,934	3,870	1,346,493	261,003	4,043	1,055,171
2011	617,028	4,077	2,515,689	350,357	3,856	1,351,132	266,671	4,367	1,164,557
2012	613,801	4,136	2,538,574	359,438	3,883	1,395,712	254,363	4,493	1,142,862
2013	603,904	4,210	2,542,517	357,585	3,834	1,370,979	246,319	4,756	1,171,538
2013	615,707	4,527	2,787,492	352,729	4,297	1,515,612	262,978	4,823	1,268,303
2015	-	-	-	353,201	4,026	1,422,095	-	-	-

LAMPIRAN 7
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI HUMA (TANAH TINGGI DAN TANAH RENDAH), MALAYSIA, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Dryland Paddy (upland and lowland), Malaysia, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	70,877	807	57,187	70,877	807	57,187	-	-	-
2006	68,987	818	56,418	68,987	818	56,418	-	-	-
2007	70,168	857	60,125	70,168	857	60,125	-	-	-
2008	60,667	793	48,097	60,667	793	48,097	-	-	-
2009	66,403	871	57,857	66,403	871	57,857	-	-	-
2010	68,947	916	63,166	68,947	916	63,166	-	-	-
2011	70,912	886	62,830	70,912	886	62,830	-	-	-
2012	70,744	860	60,808	70,744	860	60,808	-	-	-
2013	67,775	902	61,137	67,775	902	61,137	-	-	-
2014	63,532	961	61,067	63,532	961	61,067	-	-	-
2015	62,427	826	51,584	62,427	826	51,584	-	-	-

LAMPIRAN 8
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI HUMA (TANAH TINGGI DAN TANAH RENDAH), SABAH, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Dryland Paddy (upland and lowland), Sabah, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	4,819	1,153	5,556	4,819	1,153	5,556	-	-	-
2006	3,809	1,824	6,948	3,809	1,824	6,948	-	-	-
2007	5,467	2,027	11,082	5,467	2,027	11,082	-	-	-
2008	3,468	2,109	7,314	3,468	2,109	7,314	-	-	-
2009	5,758	2,433	14,011	5,758	2,433	14,011	-	-	-
2010	7,990	2,374	18,968	7,990	2,374	18,968	-	-	-
2011	6,710	2,285	15,328	6,710	2,285	15,328	-	-	-
2012	6,926	1,897	13,142	6,926	1,897	13,142	-	-	-
2013	5,954	2,277	13,554	5,954	2,277	13,554			
2014	6,434	2,762	17,771	6,434	2,762	17,771	-	-	-
2015	6,105	1,509	9,214	6,105	1,509	9,214	-	-	-

LAMPIRAN 9
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI HUMA (TANAH TINGGI DAN TANAH RENDAH), SARAWAK, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Dryland Paddy (upland and lowland), Sarawak, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	66,058	782	51,657	66,058	782	51,657	-	-	-
2006	65,178	759	49,470	65,178	759	49,470	-	-	-
2007	64,701	758	49,043	64,701	758	49,043	-	-	-
2008	57,199	713	40,783	57,199	713	40,783	-	-	-
2009	60,645	723	43,846	60,645	723	43,846	-	-	-
2010	60,957	725	44,194	60,957	725	44,194	-	-	-
2011	64,202	740	47,502	64,202	740	47,502	-	-	-
2012	63,818	747	47,666	63,818	747	47,666	-	-	-
2013	61,821	770	47,583	61,821	770	47,583			
2014	57,098	758	43,296	57,098	758	43,296	-	-	-
2015	56,322	752	42,370	56,322	752	42,370	-	-	-

LAMPIRAN 10
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI UNTUK KESELURUHAN KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and paddy production for overall granary area, Peninsular Malaysia, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	384,112	4,132	1,587,298	191,964	4,045	776,571	192,148	4,219	810,727
2006	387,312	3,771	1,460,473	194,806	3,328	648,365	192,506	4,219	812,108
2007	386,592	4,207	1,626,449	193,776	4,138	801,824	192,816	4,277	824,625
2008	384,145	4,249	1,632,407	193,198	4,086	789,428	190,947	4,415	842,980
2009	391,625	4,646	1,819,406	197,279	4,609	909,282	194,346	4,683	910,124
2010	387,160	4,540	1,757,575	195,955	4,541	889,847	191,205	4,538	867,728
2011	389,544	4,773	1,859,362	194,785	4,639	903,674	194,759	4,907	955,688
2012	381,553	4,866	1,856,476	197,158	4,631	913,110	184,395	5,116	943,366
2013	369,273	5,002	1,847,208	191,867	4,676	897,137	177,406	5,355	950,071
2014	400,733	5,212	2,088,449	202,877	5,171	1,049,157	197,856	5,253	1,039,292
2015	-	-	-	204,178	4,687	957,084	-	-	-

LAMPIRAN 11
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, MADA, 2005 - 2015
Time series data - Planted area, average yield of cleaned paddy and paddy production for granary area, MADA, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	192,787	4,567	880,379	96,377	4,308	415,238	96,410	4,825	465,141
2006	192,820	3,893	750,552	96,410	3,017	290,869	96,410	4,768	459,683
2007	192,968	4,532	874,550	96,410	4,403	424,493	96,558	4,661	450,057
2008	193,105	4,598	887,992	96,558	4,462	430,842	96,547	4,735	457,150
2009	193,095	5,055	976,192	96,547	5,073	489,783	96,548	5,038	486,409
2010	193,104	4,725	912,321	96,548	4,593	443,445	96,556	4,856	468,876
2011	193,020	4,955	956,417	96,494	4,871	470,022	96,526	5,039	486,395
2012	191,843	4,843	929,070	95,950	4,390	421,221	95,893	5,296	507,849
2013	187,413	5,026	941,889	92,047	4,466	411,082	95,366	5,566	530,807
2014	190,127	5,539	1,053,116	94,779	5,536	524,697	95,348	5,542	528,419
2015	-	-	-	95,349	4,480	427,164	-	-	-

LAMPIRAN 12
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, KADA, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and paddy production for granary area, KADA, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	48,852	3,528	172,350	22,722	3,549	80,634	26,130	3,510	91,716
2006	50,851	3,559	180,976	25,075	3,600	90,270	25,776	3,519	90,706
2007	52,414	3,599	188,645	25,634	3,593	92,103	26,780	3,605	96,542
2008	49,929	3,586	179,048	24,470	3,558	87,064	25,459	3,613	91,983
2009	55,921	3,754	209,950	28,137	3,738	105,176	27,784	3,771	104,773
2010	50,615	3,974	201,135	26,544	4,204	111,591	24,071	3,720	89,544
2011	53,024	4,096	217,210	25,447	4,098	104,282	27,577	4,095	112,928
2012	45,855	4,196	192,399	27,450	4,543	124,705	18,405	3,678	67,694
2013	38,641	4,136	159,800	26,279	4,267	112,132	12,362	3,856	47,668
2014	50,268	4,297	216,000	25,129	4,406	110,718	25,139	4,188	105,282
2015	-	-	-	25,332	4,597	116,451	-	-	-

LAMPIRAN 13
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, IADA KERIAN, 2005 - 2015
Time series data - Planted area, average yield of cleaned paddy and paddy production for granary area, IADA KERIAN, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	54,482	2,955	161,016	27,212	2,917	79,388	27,270	2,993	81,628
2006	54,144	2,963	160,432	27,156	2,881	78,227	26,988	3,046	82,205
2007	52,852	3,320	175,482	25,920	3,303	85,610	26,932	3,337	89,872
2008	53,917	3,148	169,753	27,071	3,010	81,484	26,846	3,288	88,270
2009	53,722	3,483	187,117	26,846	3,386	90,901	26,876	3,580	96,216
2010	53,188	3,282	174,563	26,594	3,424	91,058	26,594	3,140	83,505
2011	53,188	3,686	196,051	26,594	3,256	86,590	26,594	4,116	109,461
2012	53,158	4,380	232,836	26,564	4,243	112,711	26,594	4,517	120,125
2013	41,955	4,495	188,586	20,983	4,335	90,961	20,972	4,655	97,625
2104	41,944	4,514	189,356	20,972	4,396	92,193	20,972	4,633	97,163
2015	-	-	-	20,972	4,500	94,374	-	-	-

LAMPIRAN 14
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, IADA BLS, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and paddy production for granary area, IADA BLS, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	36,518	4,814	175,784	18,292	5,242	95,884	18,226	4,384	79,900
2006	36,754	4,717	173,376	18,399	4,877	89,732	18,355	4,557	83,644
2007	36,516	5,042	184,115	18,340	4,942	90,636	18,176	5,143	93,479
2008	36,602	4,761	174,247	18,301	4,542	83,127	18,301	4,979	91,121
2009	37,258	5,439	202,633	18,729	5,465	102,354	18,529	5,412	100,279
2010	37,472	5,612	210,292	18,729	5,708	106,905	18,743	5,516	103,386
2011	37,460	5,908	221,295	18,729	5,763	107,935	18,731	6,052	113,360
2012	37,835	5,989	226,580	18,901	5,825	110,098	18,934	6,152	116,482
2013	37,833	6,280	237,594	18,899	6,198	117,136	18,934	6,362	120,458
2014	37,842	6,403	242,320	18,925	6,247	118,224	18,917	6,560	124,096
2015	-	-	-	19,057	6,117	116,572	-	-	-

LAMPIRAN 15
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, IADA P. Pinang, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and paddy production for granary area, IADA P. Pinang, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	20,473	4,216	86,315	10,210	4,114	42,005	10,263	4,317	44,310
2006	20,610	4,719	97,248	10,305	4,882	50,309	10,305	4,555	46,939
2007	20,610	4,854	100,041	10,305	5,002	51,546	10,305	4,706	48,495
2008	20,610	4,776	98,436	10,305	4,328	44,603	10,305	5,224	53,833
2009	20,610	5,206	107,285	10,305	5,063	52,174	10,305	5,348	55,111
2010	20,610	5,589	115,189	10,305	5,507	56,750	10,305	5,671	58,440
2011	20,610	5,728	118,054	10,305	5,543	57,121	10,305	5,913	60,933
2012	20,610	5,621	115,839	10,305	5,429	55,946	10,305	5,812	59,893
2013	20,610	5,841	120,383	10,305	5,818	59,954	10,305	5,864	60,429
2014	25,564	5,872	150,112	12,782	5,692	72,755	12,782	6,052	77,357
2015	-	-	-	12,782	5,774	73,803	-	-	-

LAMPIRAN 16
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, IADA SEBERANG PERAK, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and paddy production for granary area, IADA Seberang Perak, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	15,901	3,450	54,861	7,950	3,312	26,327	7,951	3,589	28,534
2006	15,902	2,749	43,709	7,951	2,510	19,960	7,951	2,987	23,750
2007	15,901	2,972	47,258	7,951	3,022	24,028	7,950	2,922	23,230
2008	14,543	4,268	62,076	7,272	3,601	26,186	7,271	4,936	35,890
2009	15,221	4,618	70,294	7,272	4,225	30,724	7,949	4,978	39,570
2010	16,185	4,375	70,814	7,952	4,709	37,446	8,233	4,053	33,368
2011	16,466	4,592	75,612	8,233	4,390	36,143	8,233	4,794	39,469
2012	16,465	4,948	81,461	8,232	5,021	41,333	8,233	4,874	40,128
2013	27,686	4,552	126,027	13,843	4,491	62,169	13,843	4,613	63,858
2014	27,594	4,484	123,733	13,803	4,634	63,963	13,791	4,334	59,770
2015	-	-	-	13,831	3,888	53,775	-	-	-

LAMPIRAN 17
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, IADA KETARA, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and paddy production for granary area, IADA KETARA, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	10,272	3,965	40,733	5,162	4,582	23,653	5,110	3,342	17,080
2006	10,076	3,709	37,371	5,156	3,412	17,592	4,920	4,020	19,778
2007	9,846	4,337	42,707	4,923	4,818	23,719	4,923	3,857	18,988
2008	9,846	4,682	46,097	4,923	5,231	25,751	4,923	4,133	20,347
2009	9,846	4,985	49,082	4,923	5,167	25,437	4,923	4,803	23,645
2010	9,846	5,354	52,711	4,923	5,596	27,549	4,923	5,111	25,161
2011	9,799	5,834	57,163	4,876	6,032	29,412	4,923	5,637	27,751
2012	9,799	5,604	54,910	4,923	5,735	28,233	4,876	5,471	26,677
2013	9,752	5,549	54,114	4,876	5,592	27,267	4,876	5,506	26,847
2014	9,752	5,738	55,956	4,876	5,996	29,236	4,876	5,480	26,720
2015	-	-	-	4,876	5,805	28,305	-	-	-

LAMPIRAN 18
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH
DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, IADA KEMASIN SEMERAK, 2005 - 2015
Time series data - Planted area, average yield of cleaned paddy
and paddy production for granary area, IADA Kemasin Semerak, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	4,827	3,286	15,860	4,039	3,328	13,441	788	3,070	2,419
2006	6,155	2,731	16,809	4,354	2,620	11,406	1,801	3,000	5,403
2007	5,485	2,489	13,651	4,293	2,257	9,689	1,192	3,324	3,962
2008	5,593	2,639	14,757	4,298	2,413	10,371	1,295	3,387	4,386
2009	5,952	2,831	16,853	4,520	2,817	12,733	1,432	2,877	4,120
2010	6,140	3,347	20,550	4,360	3,464	15,103	1,780	3,060	5,447
2011	5,977	2,938	17,560	4,107	2,963	12,169	1,870	2,883	5,391
2012	5,988	3,905	23,381	4,833	3,903	18,863	1,155	3,912	4,518
2013	5,383	3,495	18,815	4,635	3,546	16,436	748	3,180	2,379
2014	6,512	3,715	24,194	4,763	3,823	18,209	1,749	3,422	5,985
2015	-	-	-	4,835	3,874	18,731	-	-	-

LAMPIRAN 19
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, IADA PEKAN, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and paddy production for granary area, IADA PEKAN, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005									
2006									
2007									
2008									
2009									
2010									
2011									
2012									
2013									
2014	6,030	2,671	16,107	4,323	2,338	10,107	1,707	3,515	6,000
2015	-	-	-	4,561	2,737	12,483	-	-	-

LAMPIRAN 20
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI UNTUK KAWASAN JELAPANG PADI, IADA ROMPIN, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and paddy production for granary area, IADA ROMPIN, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005									
2006									
2007									
2008									
2009									
2010									
2011									
2012									
2013									
2014	5,100	3,442	17,555	2,525	3,586	9,055	2,575	3,301	8,500
2015	-	-	-	2,583	5,972	15,426	-	-	-

LAMPIRAN 21
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH, SEMENANJUNG MALAYSIA, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy, Peninsular Malaysia, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	499,488	3,880	1,938,015	260,125	3,857	1,003,302	239,363	3,905	934,713
2006	510,289	3,554	1,813,637	262,847	3,173	834,014	247,442	3,959	979,623
2007	511,489	3,972	2,031,456	261,862	3,866	1,012,358	249,627	4,082	1,019,098
2008	503,290	4,000	2,013,142	258,102	3,890	1,004,071	245,188	4,115	1,009,070
2009	515,657	4,254	2,193,640	265,427	4,198	1,114,285	250,230	4,313	1,079,355
2010	512,610	4,102	2,102,645	263,732	4,165	1,098,400	248,878	4,035	1,004,245
2011	517,586	4,257	2,203,597	262,387	4,089	1,072,965	255,199	4,430	1,130,632
2012	510,606	4,369	2,230,937	267,563	4,189	1,120,944	243,043	4,567	1,109,993
2013	498,805	4,478	2,233,835	262,761	4,148	1,089,814	236,044	4,847	1,144,021
2014	514,381	4,807	2,472,678	264,441	4,725	1,249,422	249,940	4,894	1,223,256
2015	-	-	-	266,249	4,364	1,161,964	-	-	-

LAMPIRAN 22
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH BAGI NEGERI JOHOR, 2005 - 2015
Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy for State of Johor, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	2,885	3,139	9,057	1,455	3,743	5,446	1,430	2,525	3,611
2006	2,405	2,386	5,738	1,057	3,290	3,478	1,348	1,677	2,261
2007	2,639	3,495	9,222	1,349	3,704	4,997	1,290	3,275	4,225
2008	2,154	3,773	8,128	1,344	3,642	4,894	810	3,992	3,234
2009	2,561	3,772	9,659	1,228	4,084	5,015	1,333	3,484	4,644
2010	2,918	3,847	11,225	1,481	3,762	5,572	1,437	3,934	5,653
2011	3,022	3,798	11,477	1,494	3,755	5,610	1,528	3,839	5,867
2012	2,934	3,954	11,600	1,431	3,803	5,442	1,503	4,097	6,158
2013	2,960	4,527	13,400	1,525	3,955	6,031	1,435	5,135	7,369
2014	2,976	4,321	12,859	1,555	4,493	6,987	1,421	4,132	5,872
2015	-	-	-	1,540	3,926	6,046	-	-	-

LAMPIRAN 23
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH BAGI NEGERI KEDAH, 2005 - 2015
Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy for State of Kedah, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	210,036	4,194	880,976	106,632	4,060	432,926	103,404	4,333	448,050
2006	210,824	3,683	776,490	107,034	2,923	312,860	103,790	4,467	463,630
2007	211,644	4,306	911,295	105,577	4,180	441,312	106,067	4,431	469,983
2008	211,044	4,110	867,335	106,049	4,035	427,931	104,995	4,185	439,404
2009	213,895	4,318	923,666	108,359	4,267	462,368	105,536	4,371	461,298
2010	213,193	3,920	835,630	106,087	3,921	415,967	107,106	3,918	419,663
2011	215,930	4,068	878,430	108,693	3,876	421,294	107,237	4,263	457,136
2012	213,378	4,013	856,245	106,753	3,695	394,452	106,625	4,331	461,793
2013	210,327	4,228	889,167	104,205	3,669	382,328	106,122	4,776	506,839
2014	212,401	4,878	1,036,180	106,329	4,809	511,336	106,072	4,948	524,844
2015	-	-	-	107,276	4,063	435,862	-	-	-

LAMPIRAN 24
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH BAGI NEGERI KELANTAN, 2005 - 2015
Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy for State of Kelantan, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	66,411	3,424	227,387	38,089	3,383	128,855	28,322	3,479	98,532
2006	72,268	3,299	238,433	40,959	3,285	134,550	31,309	3,318	103,883
2007	73,514	3,393	249,440	41,864	3,341	139,868	31,650	3,462	109,572
2008	68,598	3,387	232,309	39,545	3,297	130,391	29,053	3,508	101,918
2009	74,842	3,545	265,289	42,821	3,510	150,302	32,021	3,591	114,987
2010	70,964	3,823	271,300	42,616	3,915	166,842	28,348	3,685	104,458
2011	70,939	3,846	272,805	38,536	3,736	143,970	32,403	3,976	128,835
2012	63,714	3,929	250,308	41,728	4,077	170,125	21,986	3,647	80,183
2013	56,280	3,825	215,255	40,746	3,833	156,179	15,534	3,803	59,076
2014	69,412	4,035	280,076	39,546	3,967	156,879	29,866	4,125	123,197
2015	-	-	-	39,999	3,985	159,396	-	-	-

LAMPIRAN 25
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH BAGI NEGERI MELAKA, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy for State of Melaka, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	1,095	2,795	3,060	481	3,088	1,485	614	2,565	1,575
2006	1,769	4,884	8,640	1,052	4,893	5,147	717	4,872	3,493
2007	2,032	3,556	7,225	1,341	3,757	5,038	691	3,165	2,187
2008	1,731	2,402	4,158	442	3,406	1,506	1,289	2,058	2,653
2009	2,126	2,611	5,550	943	3,831	3,613	1,183	1,638	1,938
2010	2,156	2,352	5,071	1,010	2,605	2,631	1,146	2,129	2,440
2011	2,228	3,369	7,505	1,014	3,636	3,687	1,214	3,145	3,818
2012	2,556	2,999	7,665	1,296	2,604	3,375	1,260	3,405	4,290
2013	2,783	3,578	9,957	1,424	4,048	5,764	1,359	3,085	4,193
2014	2,608	3,271	8,530	1,238	3,577	4,428	1,370	2,994	4,102
2015	-	-	-	1,353	4,026	5,447	-	-	-

LAMPIRAN 26
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH BAGI NEGERI SEMBILAN, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy for State of Negeri Sembilan, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	1,684	4,107	6,916	1,030	2,891	2,978	654	6,021	3,938
2006	1,495	4,591	6,864	888	3,959	3,516	607	5,515	3,348
2007	1,105	4,607	5,091	701	4,357	3,054	404	5,041	2,037
2008	1,196	4,546	5,437	624	4,180	2,609	572	4,944	2,828
2009	1,974	3,693	7,289	1,021	3,740	3,819	953	3,642	3,471
2010	2,203	4,008	8,830	1,036	4,608	4,774	1,167	3,476	4,056
2011	2,016	3,198	6,447	946	3,248	3,073	1,070	3,154	3,374
2012	2,126	3,981	8,463	1,391	3,896	5,419	735	4,142	3,044
2013	1,986	4,242	8,425	1,062	4,426	4,700	924	4,031	3,725
2014	2,070	4,510	9,335	1,160	4,554	5,283	910	4,453	4,052
2015	-	-	-	1,100	4,143	4,557	-	-	-

LAMPIRAN 27
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH BAGI NEGERI PAHANG, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy for State of Pahang, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	6,561	3,420	22,440	4,220	3,042	12,837	2,341	4,102	9,603
2006	7,762	2,871	22,282	3,964	2,510	9,950	3,798	3,247	12,332
2007	7,415	3,058	22,672	3,936	2,855	11,237	3,479	3,287	11,435
2008	6,331	3,378	21,384	3,339	3,756	12,543	2,992	2,955	8,841
2009	7,442	4,042	30,084	4,404	4,678	20,602	3,038	3,121	9,482
2010	7,467	3,390	25,312	3,737	4,478	16,734	3,730	2,300	8,578
2011	8,351	3,246	27,110	3,438	3,541	12,174	4,913	3,040	14,936
2012	10,487	3,299	34,594	6,606	3,271	21,608	3,881	3,346	12,986
2013	10,357	3,039	31,471	5,955	2,688	16,007	4,402	3,513	15,464
2014	11,872	2,973	35,296	7,343	2,756	20,237	4,529	3,325	15,059
2015	-	-	-	7,453	3,706	27,621	-	-	-

LAMPIRAN 28
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH BAGI NEGERI PERAK, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy for State of Perak, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	82,085	2,996	245,964	41,184	2,983	122,852	40,901	3,010	123,112
2006	82,286	2,843	233,923	41,394	2,893	119,753	40,892	2,792	114,170
2007	81,027	3,197	259,082	39,973	3,162	126,395	41,054	3,232	132,687
2008	80,724	3,472	280,237	40,508	3,298	133,609	40,216	3,646	146,628
2009	81,188	3,832	311,150	40,296	3,700	149,095	40,892	3,963	162,055
2010	81,489	3,616	294,705	40,750	3,798	154,769	40,739	3,435	139,936
2011	82,150	3,937	323,445	41,129	3,628	149,216	41,021	4,247	174,229
2012	82,142	4,483	368,237	41,105	4,404	181,026	41,037	4,562	187,211
2013	81,636	4,411	360,135	41,030	4,312	176,921	40,606	4,512	183,214
2014	81,503	4,330	352,930	40,961	4,383	179,532	40,542	4,277	173,398
2015	-	-	-	40,822	4,170	170,228	-	-	-

LAMPIRAN 29
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH BAGI NEGERI PERLIS, 2005 - 2015
Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy for State of Perlis, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	49,203	4,054	199,487	26,088	4,169	108,761	23,115	3,925	90,726
2006	51,905	3,286	170,542	25,809	2,441	63,000	26,096	4,121	107,542
2007	52,188	3,794	198,024	26,098	3,443	89,855	26,090	4,146	108,169
2008	52,180	4,468	233,144	26,090	4,386	114,435	26,090	4,550	118,710
2009	52,120	4,522	235,682	26,079	4,398	114,695	26,041	4,646	120,986
2010	51,988	4,287	222,884	26,076	4,332	112,961	25,912	4,242	109,923
2011	52,075	4,468	232,674	26,008	4,336	112,771	26,067	4,600	119,903
2012	52,111	4,740	246,982	26,052	4,478	116,661	26,059	5,001	130,321
2013	52,085	4,828	251,449	26,031	4,459	116,072	26,054	5,196	135,377
2014	52,088	5,116	266,506	26,059	5,058	131,806	26,029	5,175	134,700
2015	-	-	-	26,029	4,468	116,298	-	-	-

LAMPIRAN 30
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH BAGI NEGERI PULAU PINANG, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy for State of Pulau Pinang, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	25,344	4,178	105,897	12,643	4,223	53,391	12,701	4,134	52,506
2006	25,564	4,478	114,488	12,782	4,582	58,567	12,782	4,375	55,921
2007	25,513	4,715	120,285	12,782	4,802	61,379	12,731	4,627	58,906
2008	25,564	4,697	120,075	12,782	4,394	56,165	12,782	5,000	63,910
2009	25,564	5,205	133,048	12,782	5,111	65,329	12,782	5,298	67,719
2010	25,564	5,572	142,434	12,782	5,421	69,291	12,782	5,722	73,143
2011	25,564	5,657	144,613	12,782	5,503	70,339	12,782	5,811	74,274
2012	25,564	5,584	142,762	12,782	5,426	69,355	12,782	5,743	73,407
2013	25,564	5,677	145,127	12,782	5,582	71,349	12,782	5,772	73,778
2014	25,564	5,872	150,112	12,782	5,692	72,755	12,782	6,052	77,357
2015	-	-	-	12,782	5,774	73,803	-	-	-

LAMPIRAN 31
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH BAGI NEGERI SELANGOR, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy for State of Selangor, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	37,180	4,810	178,846	18,623	5,239	97,566	18,557	4,380	81,280
2006	37,473	4,718	176,794	18,727	4,886	91,500	18,746	4,550	85,294
2007	37,135	5,034	186,951	18,670	4,921	91,875	18,465	5,149	95,076
2008	37,221	4,767	177,444	18,631	4,549	84,755	18,590	4,986	92,690
2009	37,258	5,439	202,633	18,729	5,465	102,354	18,529	5,412	100,279
2010	37,472	5,612	210,292	18,729	5,708	106,905	18,743	5,516	103,386
2011	37,460	5,908	221,295	18,729	5,763	107,935	18,731	6,052	113,360
2012	37,835	5,989	226,580	18,901	5,825	110,098	18,934	6,152	116,482
2013	37,833	6,280	237,594	18,899	6,198	117,136	18,934	6,362	120,458
2014	37,842	6,403	242,320	18,925	6,247	118,224	18,917	6,560	124,096
2015	-	-	-	19,057	6,117	116,572	-	-	-

LAMPIRAN 32
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH BAGI NEGERI TERENGGANU, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy for State of Terengganu, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	17,004	3,409	57,971	9,680	3,728	36,087	7,324	2,988	21,884
2006	16,538	3,608	59,671	9,181	3,444	31,619	7,357	3,813	28,052
2007	17,277	3,603	62,253	9,571	3,911	37,432	7,706	3,221	24,821
2008	16,547	3,837	63,490	8,748	4,028	35,235	7,799	3,623	28,256
2009	16,687	4,170	69,590	8,765	4,232	37,093	7,922	4,102	32,496
2010	17,196	4,359	74,962	9,428	4,450	41,955	7,768	4,249	33,007
2011	17,851	4,358	77,796	9,618	4,460	42,896	8,233	4,239	34,900
2012	17,759	4,364	77,501	9,518	4,558	43,383	8,241	4,140	34,118
2013	16,994	4,228	71,855	9,102	4,101	37,327	7,892	4,375	34,528
2014	16,045	4,895	78,535	8,543	4,911	41,955	7,502	4,876	36,580
2015	-	-	-	8,838	5,220	46,134	-	-	-

LAMPIRAN 33
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI PADI SAWAH (LUAR JELAPANG), SEMENANJUNG MALAYSIA, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy (Outside Granary Area), Peninsular Malaysia, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	115,376	3,190	368,004	68,161	3,278	223,432	47,215	3,062	144,572
2006	122,977	2,986	367,215	68,041	2,693	183,234	54,936	3,349	183,981
2007	124,897	3,534	441,428	68,086	3,704	252,191	56,811	3,331	189,237
2008	119,145	3,231	384,953	64,904	3,274	212,477	54,241	3,180	172,476
2009	124,032	3,578	443,751	68,148	3,771	257,001	55,884	3,342	186,750
2010	125,450	3,247	407,285	67,777	3,402	230,570	57,673	3,064	176,715
2011	128,042	3,648	467,074	67,602	3,784	255,813	60,440	3,495	211,261
2012	129,053	3,494	450,934	70,405	3,448	242,762	58,648	3,550	208,172
2013	129,532	3,483	451,169	70,894	3,310	234,685	58,638	3,692	216,484
2014	113,648	3,864	439,189	61,564	3,810	234,530	52,084	3,929	204,659
2015	-	-	-	62,071	3,750	232,782	-	-	-

LAMPIRAN 34
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI JOHOR, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy (Outside Granary Area) for State of Johor, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	2,885	3,139	9,057	1,455	3,743	5,446	1,430	2,525	3,611
2006	2,405	2,386	5,739	1,057	3,290	3,478	1,348	1,677	2,261
2007	2,559	3,488	8,925	1,269	3,704	4,700	1,290	3,275	4,225
2008	2,154	3,773	8,128	1,344	3,642	4,894	810	3,992	3,234
2009	2,561	3,772	9,659	1,228	4,084	5,015	1,333	3,484	4,644
2010	2,918	3,847	11,224	1,481	3,762	5,572	1,437	3,934	5,653
2011	3,022	3,798	11,477	1,494	3,755	5,610	1,528	3,839	5,867
2012	2,934	3,953	11,600	1,431	3,803	5,442	1,503	4,097	6,158
2013	2,960	4,527	13,400	1,525	3,955	6,031	1,435	5,135	7,369
2014	2,976	4,321	12,859	1,555	4,493	6,987	1,421	4,132	5,872
2015	-	-	-	1,540	3,926	6,046	-	-	-

LAMPIRAN 35
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI KEDAH, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy (Outside Granary Area) for State of Kedah, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	54,617	3,238	176,869	28,939	3,370	97,524	25,678	3,090	79,345
2006	55,372	2,953	163,529	29,308	2,331	68,317	26,064	3,653	95,212
2007	56,036	3,367	188,670	27,851	3,460	96,364	28,185	3,275	92,306
2008	55,291	3,268	180,701	28,167	3,231	91,002	27,124	3,307	89,699
2009	58,152	3,336	193,976	30,488	3,300	100,610	27,664	3,375	93,366
2010	57,441	2,716	155,999	28,215	2,662	75,108	29,226	2,768	80,891
2011	60,262	3,549	213,859	30,875	3,876	119,672	29,387	3,205	94,187
2012	58,864	3,151	185,503	29,464	3,112	91,692	29,400	3,191	93,811
2013	60,217	3,218	193,760	30,798	3,098	95,412	29,419	3,343	98,348
2014	59,580	3,840	228,789	30,218	3,808	115,070	29,362	3,873	113,719
2015	-	-	-	30,565	3,682	112,540	-	-	-

LAMPIRAN 36
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI KELANTAN, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy (Outside Granary Area) for State of Kelantan, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	12,732	3,357	42,742	11,328	3,177	35,989	1,404	4,810	6,753
2006	15,262	2,747	41,929	11,530	2,826	32,584	3,732	2,504	9,345
2007	15,615	2,708	42,289	11,937	2,871	34,271	3,678	2,180	8,018
2008	13,076	2,553	33,384	10,777	2,738	29,510	2,299	1,685	3,874
2009	12,969	2,638	34,213	10,164	3,041	30,909	2,805	1,178	3,304
2010	14,209	3,298	46,863	11,712	3,315	38,825	2,497	3,219	8,038
2011	11,938	2,547	30,405	8,982	2,407	21,620	2,956	2,972	8,785
2012	11,871	2,925	34,727	9,445	2,894	27,334	2,426	3,047	7,393
2013	12,256	3,080	37,747	9,832	2,889	28,405	2,424	3,854	9,342
2014	12,632	3,188	40,277	9,654	2,945	28,431	2,978	3,978	11,846
2015	-	-	-	9,832	2,613	25,691	-	-	-

LAMPIRAN 37
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI MELAKA, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy (Outside Granary Area) for State of Melaka, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	1,095	2,795	3,060	481	3,088	1,485	614	2,565	1,575
2006	1,769	4,884	8,640	1,052	4,893	5,147	717	4,872	3,493
2007	2,032	4,285	8,708	1,341	4,863	6,521	691	3,165	2,187
2008	1,731	2,402	4,158	442	3,406	1,506	1,289	2,058	2,653
2009	2,126	2,611	5,550	943	3,831	3,613	1,183	1,638	1,938
2010	2,156	2,352	5,071	1,010	2,605	2,631	1,146	2,129	2,440
2011	2,228	3,369	7,505	1,014	3,636	3,687	1,214	3,145	3,818
2012	2,556	2,999	7,665	1,296	2,604	3,375	1,260	3,405	4,290
2013	2,783	3,578	9,957	1,424	4,048	5,764	1,359	3,085	4,193
2014	2,608	3,271	8,530	1,238	3,577	4,428	1,370	2,994	4,102
2015	-	-	-	1,353	4,026	5,447	-	-	-

LAMPIRAN 38
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI SEMBILAN, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy (Outside Granary Area) for State of Negeri Sembilan, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	1,684	4,107	6,916	1,030	2,891	2,978	654	6,021	3,938
2006	1,495	4,591	6,864	888	3,959	3,516	607	5,515	3,348
2007	1,105	4,607	5,091	701	4,357	3,054	404	5,041	2,037
2008	1,196	4,546	5,437	624	4,180	2,609	572	4,944	2,828
2009	1,974	3,693	7,289	1,021	3,740	3,819	953	3,642	3,471
2010	2,203	4,008	8,830	1,036	4,608	4,774	1,167	3,476	4,056
2011	2,016	3,198	6,447	946	3,248	3,073	1,070	3,154	3,374
2012	2,126	3,981	8,463	1,391	3,896	5,419	735	4,142	3,044
2013	1,986	4,242	8,425	1,062	4,426	4,700	924	4,031	3,725
2014	2,070	4,510	9,335	1,160	4,554	5,283	910	4,453	4,052
2015	-	-	-	1,100	4,143	4,557	-	-	-

LAMPIRAN 39
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI PAHANG, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy (Outside Granary Area) for State of Pahang, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	6,561	3,420	22,440	4,220	3,042	12,837	2,341	4,102	9,603
2006	7,762	2,871	22,282	3,964	2,510	9,950	3,798	3,247	12,332
2007	7,415	3,058	22,672	3,936	2,855	11,237	3,479	3,287	11,435
2008	6,331	3,378	21,384	3,339	3,756	12,543	2,992	2,955	8,841
2009	7,442	4,042	30,084	4,404	4,678	20,602	3,038	3,121	9,482
2010	7,467	3,390	25,312	3,737	4,478	16,734	3,730	2,300	8,578
2011	8,351	3,246	27,110	3,438	3,541	12,174	4,913	3,040	14,936
2012	10,487	3,299	34,594	6,606	3,271	21,608	3,881	3,346	12,986
2013	10,357	3,039	31,471	5,955	2,688	16,007	4,402	3,513	15,464
2014	742	3,260	2,419	495	2,920	1,445	247	3,943	974
2015	-	-	-	309	3,753	1,160	-	-	-

LAMPIRAN 40
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI PERAK, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy (Outside Granary Area) for State of Perak, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	11,702	2,581	30,204	6,022	2,836	17,078	5,680	2,311	13,126
2006	12,240	2,817	34,482	6,287	2,841	17,861	5,953	2,792	16,621
2007	12,274	3,208	39,379	6,102	3,162	19,295	6,172	3,254	20,084
2008	12,264	3,521	43,179	6,165	3,759	23,174	6,099	3,280	20,005
2009	12,245	4,698	57,527	6,178	4,862	30,037	6,067	4,531	27,490
2010	12,116	4,427	53,642	6,204	4,616	28,638	5,912	4,230	25,005
2011	12,496	4,703	58,773	6,302	4,717	29,727	6,194	4,689	29,046
2012	12,519	4,509	56,442	6,309	4,510	28,454	6,210	4,507	27,988
2013	11,995	4,247	50,942	6,204	4,050	25,126	5,791	4,458	25,816
2014	11,965	4,278	51,189	6,186	4,455	27,559	5,779	4,089	23,630
2015	-	-	-	6,019	4,435	26,694	-	-	-

LAMPIRAN 41
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI PERLIS, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy (Outside Granary Area) for State of Perlis, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	11,835	3,124	36,971	7,404	3,204	23,722	4,431	2,990	13,249
2006	14,537	2,723	39,579	7,125	2,482	17,684	7,412	2,954	21,895
2007	14,828	2,506	37,159	7,414	2,162	16,029	7,414	2,850	21,130
2008	14,828	3,015	44,708	7,414	3,077	22,814	7,414	2,953	21,894
2009	14,768	3,736	55,169	7,403	4,398	32,558	7,365	3,070	22,611
2010	14,636	3,131	45,829	7,400	3,448	25,515	7,236	2,807	20,314
2011	14,723	3,643	53,642	7,332	3,589	26,315	7,391	3,697	27,327
2012	14,782	4,086	60,392	7,391	4,089	30,222	7,391	4,082	30,170
2013	14,782	4,202	62,113	7,391	4,234	31,293	7,391	4,170	30,820
2014	14,782	4,224	62,446	7,391	4,244	31,367	7,391	4,205	31,079
2015	-	-	-	7,391	4,392	32,461	-	-	-

LAMPIRAN 42
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI PULAU PINANG, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy (Outside Granary Area) for State of Pulau Pinang, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	4,871	3,452	16,817	2,433	4,577	11,136	2,438	2,330	5,681
2006	4,954	3,644	18,053	2,477	3,729	9,237	2,477	3,559	8,816
2007	4,903	4,873	23,892	2,477	4,582	11,350	2,426	5,170	12,542
2008	4,954	4,439	21,990	2,477	4,680	11,593	2,477	4,197	10,397
2009	4,954	5,273	26,121	2,477	5,482	13,579	2,477	5,063	12,542
2010	4,954	5,330	26,404	2,477	5,138	12,726	2,477	5,522	13,678
2011	4,954	5,449	26,997	2,477	5,162	12,786	2,477	5,737	14,211
2012	4,954	5,651	27,993	2,477	5,714	14,154	2,477	5,587	13,839
2013	4,954	4,973	24,638	2,477	4,676	11,582	2,477	5,271	13,056
2014	-	-	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-	-	-

LAMPIRAN 43
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI SELANGOR, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy (Outside Granary Area) for State of Selangor, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	662	3,909	2,588	331	4,605	1,524	331	3,213	1,064
2006	719	4,178	3,004	328	5,053	1,657	391	3,444	1,347
2007	619	4,963	3,072	330	4,125	1,361	289	5,920	1,711
2008	619	4,971	3,077	330	4,217	1,392	289	5,833	1,686
2009	-	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-	-
2011	-	-	-	-	-	-	-	-	-
2012	-	-	-	-	-	-	-	-	-
2013	-	-	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-	-	-

LAMPIRAN 44
Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI TERENGGANU, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy (Outside Granary Area) for State of Terengganu, 2005 - 2015

TAHUN *Year*	SEMUA MUSIM *All Seasons*			MUSIM UTAMA *Main Season*			LUAR MUSIM *Off Season*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned Paddy (Kg/Hectare)*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	6,732	2,987	20,110	4,518	2,987	13,495	2,214	2,988	6,615
2006	6,462	3,576	23,110	4,025	3,433	13,818	2,437	3,813	9,292
2007	7,431	2,978	22,126	4,648	3,501	16,273	2,783	2,103	5,853
2008	6,701	2,807	18,807	3,825	2,991	11,441	2,876	2,561	7,366
2009	6,841	3,532	24,163	3,842	4,232	16,259	2,999	2,635	7,904
2010	7,350	3,824	28,109	4,505	4,450	20,047	2,845	2,834	8,061
2011	8,052	3,832	30,859	4,742	4,460	21,149	3,310	2,934	9,710
2012	7,960	2,959	23,556	4,595	3,278	15,062	3,365	2,524	8,494
2013	7,242	2,584	18,716	4,226	2,453	10,365	3,016	2,769	8,351
2014	6,293	3,710	23,345	3,667	3,807	13,960	2,626	3,574	9,385
2015	-	-	-	3,962	4,590	18,186	-	-	-

LAMPIRAN 45
Appendix

DATA SIRI MASA - KELUASAN PASEL DAN KELUASAN BERTANAM PADI SAWAH (HEKTAR)
MENGIKUT NEGERI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2005 - 2015
Time series data - Parcel and planted areas for Wetland Paddy (hectare)
by state, Peninsular Malaysia, Main Season 2005 - 2015

NEGERI *State*	JOHOR		KEDAH		KELANTAN		MELAKA		NEGERI SEMBILAN		PAHANG		PERAK		PERLIS		PULAU PINANG		SELANGOR		TERENG-GANU		JUMLAH *Total*	
	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
2004/2005	2,171	1,455	116,263	106,632	63,390	38,089	4,051	481	2,140	1,030	6,976	4,220	44,862	41,184	26,172	26,088	12,782	12,643	19,019	18,623	23,120	9,680	320,910	260,125
2005/2006	2,171	1,057	116,263	107,034	63,390	40,959	4,051	1,052	2,104	888	6,976	3,964	44,862	41,394	26,172	25,809	12,782	12,782	19,019	18,727	23,120	9,181	320,910	262,847
2006/2007	2,171	1,349	116,263	105,577	63,390	41,864	4,051	1,341	2,104	701	6,976	3,936	44,862	39,973	26,182	26,098	12,782	12,782	19,019	18,670	23,120	9,571	320,920	261,862
2007/2008	2,171	1,344	116,355	106,049	63,390	39,545	4,051	442	2,104	624	6,976	3,339	44,862	40,508	26,090	26,090	12,782	12,782	19,019	18,631	23,120	8,748	320,920	258,102
2008/2009	2,171	1,228	116,571	108,359	63,390	42,821	4,051	943	2,104	1,021	6,976	4,404	44,862	40,296	26,090	26,079	12,782	12,782	18,814	18,729	23,120	8,765	320,931	265,427
2009/2010	2,171	1,481	116,571	106,087	63,390	42,616	4,051	1,010	2,104	1,036	6,976	3,737	44,862	40,750	26,090	26,076	12,782	12,782	18,814	18,729	23,120	9,428	320,931	263,732
2010/2011	1,911	1,494	112,858	108,693	47,907	38,536	3,827	1,014	2,150	946	8,048	3,438	43,276	41,129	26,090	26,008	12,782	12,782	19,021	18,729	14,630	9,618	292,500	262,387
2011/2012	1,911	1,431	112,858	106,753	47,907	41,728	3,827	1,296	2,150	1,391	8,048	6,606	43,276	41,105	26,090	26,052	12,782	12,782	19,021	18,901	14,630	9,518	292,500	267,563
2012/2013	1,931	1,525	112,858	104,205	47,837	40,746	3,800	1,424	2,062	1,062	8,675	5,955	43,276	41,030	26,090	26,031	12,782	12,782	19,021	18,899	11,550	9,102	289,882	262,761
2013/2014	1,931	1,555	112,858	106,329	47,837	39,546	3,800	1,238	2,062	1,160	8,675	7,343	43,276	40,961	26,090	26,059	12,782	12,782	19,021	18,925	11,550	8,543	289,882	264,441
2014/2015	1,960	1,540	112,858	107,276	47,843	39,999	3,414	1,353	2,062	1,100	9,135	7,453	43,079	40,822	26,090	26,029	12,782	12,782	19,057	19,057	12,806	8,838	291,086	266,249

LAMPIRAN 46
Appendix

DATA SIRI MASA - KELUASAN PASEL DAN KELUASAN BERTANAM PADI SAWAH (HEKTAR)
MENGIKUT KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2005 - 2015
Time series data - Parcel and planted areas for Wetland Paddy (hectare)
by granary area, Peninsular Malaysia, Main Season 2005 - 2015

JELAPANG PADI *Granary Area*	MADA		KADA		IADA KERIAN		IADA BLS		IADA P. PINANG		IADA SEBERANG PERAK		IADA KETARA		IADA KEMASIN SEMERAK		IADA PEKAN		IADA ROMPIN		JUMLAH *Total*	
	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*	LUAS PASEL *Parcel Area*	LUAS TANAM *Planted Area*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
2004/2005	96,558	96,377	32,167	22,722	28,781	27,212	18,482	18,292	10,305	10,210	8,529	7,951	5,110	5,162	5,220	4,039	-	-	-	-	205,152	191,964
2005/2006	96,558	96,410	32,167	25,075	27,829	27,156	18,482	18,399	10,305	10,305	8,529	7,951	5,156	5,156	5,220	4,354	-	-	-	-	204,246	194,806
2006/2007	96,558	96,410	32,167	25,634	27,829	25,920	18,482	18,340	10,305	10,305	8,529	7,951	5,156	4,923	5,220	4,293	-	-	-	-	204,246	193,776
2007/2008	96,558	96,558	32,167	24,470	27,829	27,071	18,482	18,301	10,305	10,305	8,529	7,272	5,156	4,923	5,220	4,298	-	-	-	-	204,246	193,198
2008/2009	96,558	96,547	32,167	28,137	27,829	26,846	18,814	18,729	10,305	10,305	8,529	7,272	5,156	4,923	5,220	4,520	-	-	-	-	204,578	197,279
2009/2010	96,558	96,548	32,167	26,544	27,829	26,594	18,814	18,729	10,305	10,305	8,529	7,952	5,156	4,923	5,220	4,360	-	-	-	-	204,578	195,955
2010/2011	96,558	96,494	29,450	25,447	26,719	26,594	19,021	18,729	10,305	10,305	8,529	8,233	4,923	4,876	5,047	4,107	-	-	-	-	200,552	194,785
2011/2012	96,558	95,950	29,450	27,450	26,719	26,564	19,021	18,901	10,305	10,305	8,529	8,232	4,923	4,923	5,047	4,833	-	-	-	-	200,552	197,158
2012/2013	96,558	92,047	29,450	26,279	21,108	20,983	19,021	18,899	10,305	10,305	14,140	13,843	4,876	4,876	5,047	4,635	-	-	-	-	200,505	191,867
2013/2014	96,558	94,779	29,450	25,129	21,108	20,972	19,021	18,925	12,782	12,782	14,140	13,803	4,876	4,876	5,047	4,763	4,940	4,323	2,920	2,525	210,842	202,877
2014/2015	96,558	95,349	29,450	25,332	21,108	20,972	19,057	19,057	12,782	12,782	14,140	13,831	4,876	4,876	5,053	4,835	5,322	4,561	2,920	2,583	211,266	204,178

LAMPIRAN 47
Appendix

PENGGUNAAN VARIETI PADI MENGIKUT MUSIM UTAMA, SEMENANJUNG MALAYSIA, 2011 - 2015

Usage of paddy varieties by Main Season, Peninsular Malaysia, 2011 - 2015

MUSIM UTAMA 2010/2011 *Main Season 2010/2011*			MUSIM UTAMA 2011/2012 *Main Season 2011/2012*			MUSIM UTAMA 2012/2013 *Main Season 2012/2013*			MUSIM UTAMA 2013/2014 *Main Season 2013/2014*			MUSIM UTAMA 2014/2015 *Main Season 2014/2015*		
Varieti *Variety*	Bilangan *Number*	%	Varieti *Variety*	Bilangan *Number*	%	Varieti *Variety*	Bilangan *Number*	%	Varieti *Variety*	Bilangan *Number*	%	Varieti *Variety*	Bilangan *Number*	%
(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(10)	(11)	(12)	(13)	(14)	(15)
MR 219	2,058	91.1	MR 219	1,968	87.5	MR 219	1,334	60.7	MR 220 CL2	960	42.1	MR 220 CL2	1,286	56.9
MR 220	186	8.2	MR 220	180	8.0	MR 220	412	18.7	MR 219	627	27.5	MR 263	406	17.9
MR 84	9	0.4	MR 220 CL1	71	3.2	MR 220 CL1	290	13.2	MR 263	413	18.1	MR 219	188	8.3
MR 276	2	0.1	MR 84	11	0.5	MR 220 CL2	59	2.7	MR 220	162	7.1	MR 269	168	7.4
MR 232	2	0.1	MR 276	6	0.3	MR 263	51	2.3	MR 269	51	2.2	MR 220	119	5.3
MR 185	1	0.0	MR 220 CL2	6	0.3	MR 253	37	1.7	MR 220 CL1	46	2.0	MR 220 CL1	73	3.2
-	-	-	MR 253	6	0.3	MR 84	11	0.5	MRQ 76	15	0.7	MRQ 76	19	0.8
-	-	-	MR 185	2	0.1	MR 276	3	0.1	MR 253	5	0.2	MRQ 74	3	0.1
-	-	-	-	-	-	MR 211	2	0.1	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAIN-LAIN *Others*	-	-	LAIN-LAIN Others	-	-	LAIN-LAIN Others	-	-	LAIN-LAIN Others	-	-	LAIN-LAIN *Others*	-	-
JUMLAH *Total*	2,258	100	JUMLAH *Total*	2,250	100	JUMLAH *Total*	2,199	100	JUMLAH *Total*	2,199	100	JUMLAH *Total*	2,262	100

LAMPIRAN 48
Appendix

ALIRAN FAKTOR PADI KERING DAN PADI BERSIH SERTA PERATUS HAMPA MENGIKUT NEGERI DAN MUSIM UTAMA, MALAYSIA, 2012 - 2015
Trend factors of dried paddy and cleaned paddy and percentage of unfilled grain by state and Main Season, Malaysia, 2012 - 2015

Negeri *State*	MUSIM UTAMA 2011/2012 *Main Season 2011/2012*				MUSIM UTAMA 2012/2013 *Main Season 2012/2013*				MUSIM UTAMA 2013/2014 *Main Season 2013/2014*				MUSIM UTAMA 2014/2015 *Main Season 2014/2015*			
	Bilangan sampel dibuat analisis *Number of samples analysed*	Faktor padi kering *Factor of dried paddy*	Faktor padi bersih tepat 14 % KWB *Factor of cleaned paddy at 14% MC*	Hampa *Unfilled grain* %	Bilangan sampel dibuat analisis *Number of samples analysed*	Faktor padi kering *Factor of dried paddy*	Faktor padi bersih tepat 14 % KWB *Factor of cleaned paddy at 14% MC*	Hampa *Unfilled grain* %	Bilangan sampel dibuat analisis *Number of samples analysed*	Faktor padi kering *Factor of dried paddy*	Faktor padi bersih tepat 14 % KWB *Factor of cleaned paddy at 14% MC*	Hampa *Unfilled grain* %	Bilangan sampel dibuat analisis *Number of samples analysed*	Faktor padi kering *Factor of dried paddy*	Faktor padi bersih tepat 14 % KWB *Factor of cleaned paddy at 14% MC*	Hampa *Unfilled grain* %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
JOHOR	14	0.928	0.822	10.7	18	0.911	0.850	7.0	18	0.854	0.808	5.4	18	0.856	0.804	5.1
KEDAH	248	0.920	0.777	16.1	230	0.874	0.859	3.7	240	0.869	0.807	8.5	240	0.906	0.823	10.5
KELANTAN	264	0.919	0.896	4.4	260	0.903	0.880	1.7	264	0.919	0.897	7.4	256	0.944	0.871	9.7
MELAKA	17	0.861	0.809	6.0	24	0.839	0.807	4.9	25	0.871	0.819	6.0	25	0.880	0.856	4.4
N. SEMBILAN	20	0.871	0.859	4.0	20	0.873	0.863	3.6	20	0.881	0.877	2.9	20	0.842	0.828	2.4
PAHANG	34	0.837	0.768	8.8	26	0.830	0.748	9.2	58	0.878	0.864	3.3	43	0.864	0.806	7.0
PERAK	184	0.858	0.792	8.3	184	0.844	0.780	9.6	184	0.854	0.801	8.3	182	0.854	0.748	13.7
PERLIS	90	0.858	0.836	4.1	90	0.864	0.840	4.3	90	0.851	0.833	3.6	90	0.864	0.842	4.2
P. PINANG	70	0.874	0.819	6.6	72	0.843	0.841	3.6	72	0.855	0.852	3.1	72	0.873	0.845	7.0
SELANGOR	108	0.883	0.825	3.4	110	0.888	0.852	9.3	110	0.874	0.856	3.9	110	0.817	0.811	4.6
TERENGGANU	119	0.884	0.834	6.2	85	0.772	0.714	7.6	92	0.879	0.833	6.4	95	0.881	0.830	6.8
SEM. MALAYSIA *Pen. Malaysia*	1,168	0.891	0.826	7.9	1,119	0.865	0.833	5.6	1,173	0.878	0.846	6.2	1151	0.884	0.824	8.6
SABAH	149	0.947	0.862	9.4	149	0.962	0.889	8.4	128	0.818	0.832	12.2	228	0.820	0.750	8.43
SARAWAK	203	0.959	0.898	6.1	216	0.940	0.881	5.9	216	0.940	0.881	5.9	216	0.940	0.881	5.9

Catatan: **KWB** **Kelembapan Wap Basah**
Notes: *MC* *Moisture Content*

LAMPIRAN 49
Appendix

ALIRAN FAKTOR PADI KERING DAN PADI BERSIH SERTA PERATUS HAMPA
MENGIKUT KAWASAN JELAPANG PADI DAN MUSIM UTAMA, SEMENANJUNG MALAYSIA, 2012 - 2015
Trend factors of dried paddy and cleaned paddy and percentage of unfilled grain
by granary area and Main Season, Peninsular Malaysia, 2012 - 2015

JELAPANG PADI *Granary Area*	MUSIM UTAMA 2011/2012 *Main Season 2011/2012*				MUSIM UTAMA 2012/2013 *Main Season 2012/2013*				MUSIM UTAMA 2013/2014 *Main Season 2013/2014*				MUSIM UTAMA 2014/2015 *Main Season 2014/2015*			
	Bilangan sampel dibuat analisis *Number of samples analysed*	Faktor padi kering *Factor of dried paddy*	Faktor padi bersih tepat 14 % KWB *Factor of cleaned paddy at 14% MC*	Hampa *Unfilled grain* %	Bilangan sampel dibuat analisis *Number of samples analysed*	Faktor padi kering *Factor of dried paddy*	Faktor padi bersih tepat 14 % KWB *Factor of cleaned paddy at 14% MC*	Hampa *Unfilled grain* %	Bilangan sampel dibuat analisis *Number of samples analysed*	Faktor padi kering *Factor of dried paddy*	Faktor padi bersih tepat 14 % KWB *Factor of cleaned paddy at 14% MC*	Hampa *Unfilled grain* %	Bilangan sampel dibuat analisis *Number of samples analysed*	Faktor padi kering *Factor of dried paddy*	Faktor padi bersih tepat 14 % KWB *Factor of cleaned paddy at 14% MC*	Hampa *Unfilled grain* %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
MADA	160	0.905	0.853	7.5	160	0.885	0.848	6.1	160	0.880	0.858	4.8	160	0.901	0.868	6.0
KADA	118	0.948	0.911	5.5	118	0.900	0.887	1.5	118	0.927	0.901	4.9	118	0.936	0.880	7.9
IADA KERIAN	105	0.860	0.787	8.9	78	0.834	0.820	5.7	78	0.857	0.846	5.1	78	0.858	0.810	8.9
IADA BLS	108	0.883	0.825	3.4	110	0.888	0.852	9.3	110	0.874	0.856	3.9	110	0.817	0.811	4.6
IADA P PINANG	46	0.870	0.822	5.8	46	0.845	0.844	3.6	72	0.855	0.852	3.1	72	0.873	0.845	7.0
IADA SEB. PERAK	43	0.849	0.833	3.3	70	0.857	0.777	9.7	70	0.853	0.792	8.0	70	0.844	0.713	15.3
IADA KETARA	42	0.878	0.832	5.8	42	0.866	0.811	7.4	43	0.911	0.870	5.8	43	0.896	0.842	7.0
IADA KEM. SEMERAK	34	0.932	0.877	7.7	32	0.899	0.876	1.8	34	0.906	0.898	5.0	34	0.927	0.892	8.6
IADA PEKAN	-	-	-	-	-	-	-	-	40	0.885	0.873	3.1	19	0.869	0.787	9.4
IADA ROMPIN	-	-	-	-	-	-	-	-	6	0.902	0.891	2.5	8	0.896	0.872	3.6
KESELURUHAN *Overall*	656	0.895	0.845	6.2	656	0.876	0.843	6.5	731	0.883	0.860	4.8	712	0.881	0.835	7.7

Catatan: **KWB Kelembapan Wap Basah**
Notes: *MC Moisture Content*

LAMPIRAN 50
Appendix

INSIDEN SERANGAN PENYAKIT DAN PEROSAK, BENCANA, RUMPAI SERTA PADI REBAH DI LOKASI PERSAMPELAN, MENGIKUT NEGERI, SEMENANJUNG MALAYSIA DAN SABAH, MUSIM UTAMA 2014/2015

Location of sample Incidents of Pest and diseases, Disaster, Weeds and Lodge by state, Peninsular Malaysia and Sabah, Main Season 2014/2015

NEGERI *State*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	FAKTOR YANG MENJEJASKAN HASIL PADI *Factor of yield paddy affected*																	
		SERANGAN PENYAKIT DAN PEROSAK *Pests and diseases*								BENCANA *Disaster*				RUMPAI *Weeds*		PADI REBAH *Lodge*		LAIN-LAIN *Others*	
		SERANGGA *Insects*		BINATANG *Animals*		PENYAKIT *Diseases*		SIPUT GONDANG EMAS *Golden Apple Snail*		KEMARAU *Drought*		BANJIR *Flood*							
		BIL. *No.*	%	BIL. *No.*	%	BIL. *No.*	%	BIL. *No.*	%	BIL. *No.*	%	BIL. *No.*	%	BIL. *No.*	%	BIL. *No.*	%	BIL. *No.*	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
JOHOR	27	12	-	-	-	13	48.1	-	-	6	22.2	-	-	6	22.2	-	-	-	-
KEDAH	740	469	63.4	206	27.8	308	41.6	114	15.4	54	7.3	25	3.4	129	17.4	203	27.4	22	3.0
KELANTAN	480	197	41.0	178	37.1	79	16.5	32	6.7	241	50.2	76	15.8	212	44.2	15	3.1	9	1.9
MELAKA	38	18	47.4	26	68.4	14	36.8	-	-	8	21.1	6	15.8	20	52.6	-	-	-	-
N.SEMBILAN	30	9	30.0	9	30.0	15	50.0	-	-	3	10.0	-	-	17	56.7	-	-	6	20.0
PAHANG	81	21	25.9	36	44.4	16	19.8	3	3.7	13	16.0	21	25.9	42	51.9	2	2.5	-	-
PERAK	304	197	64.8	114	37.5	166	54.6	-	-	6	2.0	9	3.0	167	54.9	12	3.9	15	4.9
PERLIS	200	79	39.5	6	3.0	81	40.5	-	-	6	3.0	3	1.5	45	22.5	28	14.0	-	-
P. PINANG	111	44	39.6	15	13.5	51	45.9	-	-	3	2.7	1	0.9	10	9.0	27	24.3	3	2.7
SELANGOR	110	64	58.2	16	14.5	30	27.3	-	-	6	5.5	-	-	40	36.4	4	3.6	-	-
TERENGGANU	141	92	65.2	54	38.3	14	9.9	-	-	23	16.3	14	9.9	87	61.7	6	4.3	-	-
SEM. MALAYSIA *Pen. Malaysia*	2,262	1,202	53.1	660	29.2	787	34.8	149	6.6	369	16.3	155	6.9	775	34.3	297	13.1	55	2.4
SABAH	373	208	55.8	204	54.7	8	2.1	44	11.8	78	20.9	64	17.2	97	26.0	89	23.9	19	5.1

LAMPIRAN 51
Appendix

INSIDEN SERANGAN PENYAKIT DAN PEROSAK, BENCANA, RUMPAI SERTA PADI REBAH DI LOKASI PERSAMPELAN, MENGIKUT KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, MUSIM UTAMA 2014/2015

Location of sample Incidents of Pest and diseases, Disaster, Weeds and Lodge by granary area, Peninsular Malaysia, Main Season 2014/2015

JELAPANG PADI *Granary area*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	FAKTOR YANG MENJEJASKAN HASIL PADI *Factor of yield paddy affected*																	
		SERANGAN PENYAKIT DAN PEROSAK *Pests and diseases*								BENCANA *Disaster*				RUMPAI *Weeds*		PADI REBAH *Lodge*		LAIN-LAIN *Others*	
		SERANGGA *Insects*		BINATANG *Animals*		PENYAKIT *Diseases*		SIPUT GONDANG EMAS *Golden Apple Snail*		KEMARAU *Drought*		BANJIR *Flood*							
		BIL. *No.*	%	BIL. *No.*	%	BIL. *No.*	%	BIL. *No.*	%	BIL. *No.*	%	BIL. *No.*	%	BIL. *No.*	%	BIL. *No.*	%	BIL. *No.*	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
MADA	675	292	43.3	67	9.9	607	89.9	114	16.9	65	9.6	13	1.9	16	2.4	57	8.4	3	0.4
KADA	273	108	39.6	153	56.0	42	15.4	26	9.5	142	52.0	1	0.4	120	44.0	9	3.3	-	-
IADA KERIAN	156	108	69.2	69	44.2	81	51.9	-	-	-	-	-	-	98	62.8	10	6.4	14	9.0
IADA BLS	110	64	58.2	16	14.5	30	27.3	-	-	6	5.5	-	-	40	36.4	4	3.6	-	-
IADA P. PINANG	111	44	39.6	15	13.5	51	45.9	-	-	3	2.7	1	0.9	10	9.0	27	24.3	3	2.7
IADA SEB. PERAK	97	77	79.4	36	37.1	65	67.0	-	-	-	-	-	-	54	55.7	-	-	1	1.0
IADA KETARA	61	36	59.0	36	59.0	-	-	-	-	-	-	-	-	36	59.0	-	-	-	-
IADA KEM. SEMERAK	51	35	68.6	16	31.4	16	31.4	6	11.8	15	29.4	3	5.9	38	74.5	3	5.9	-	-
IADA PEKAN	45	15	33.3	36	80.0	9	20.0	-	-	10	22.2	18	40.0	18	40.0	-	-	-	-
IADA ROMPIN	12	3	25.0	-	-	4	33.3	3	25	-	-	-	-	12	100.0	-	-	-	-
JUMLAH *Total*	1,591	782	49.2	444	27.9	905	56.9	149	9.4	241	15.1	36	2.3	442	27.8	110	6.9	21	1.3

AHLI JAWATANKUASA PELAKSANAAN PENYIASATAN PENGELUARAN PADI (PPP) PERINGKAT KEBANGSAAN

Members of the Implementation Committee on Paddy Production Survey (PPS) at National Level

Ahli Jawatankuasa Pelaksanaan Penyiasatan Pengeluaran Padi (PPP) Peringkat Kebangsaan

Pengerusi: Jabatan Pertanian

Ahli-Ahli:

1. Kementerian Pertanian & Industri Asas Tani
   - i) Bahagian Pengairan dan Saliran Pertanian
   - ii) Bahagian Dasar dan Perancangan Strategik
   - iii) Bahagian Industri Padi dan Beras

2. Jabatan Pertanian
   - i) Bahagian Perancangan, Teknologi Maklumat & Komunikasi
   - ii) Bahagian Padi, Tanaman Industri dan Florikultur
   - iii) Bahagian Pengurusan dan Pemuliharaan Sumber Tanah
   - iv) Bahagian Biosekuriti Tumbuhan
   - v) Bahagian Pengembangan Pertanian dan Industri Asas Tani
   - vi) Bahagian Kejuruteraan Pertanian
   - vii) Bahagian Kawalan Kualiti Tanaman

3. Pengerusi, J/Kuasa Pelaksanaan PPP Peringkat Negeri
   - i) Johor
   - ii) Kedah
   - iii) Kelantan
   - iv) Melaka
   - v) Negeri Sembilan
   - vi) Pahang
   - vii) Perak
   - viii) Perlis
   - ix) Pulau Pinang
   - x) Selangor
   - xi) Terengganu
   - xii) Sabah
   - xiii) Sarawak

4. Lembaga Kemajuan Pertanian Muda (MADA)
5. Lembaga Kemajuan Pertanian Kemubu (KADA)
6. Kawasan Pembangunan Pertanian Bersepadu (IADA) Kerian
7. Kawasan Pembangunan Pertanian Bersepadu (IADA) Barat Laut Selangor
8. Kawasan Pembangunan Pertanian Bersepadu (IADA) Terengganu Utara
9. Kawasan Pembangunan Pertanian Bersepadu (IADA) Kemasin Semerak
10. Kawasan Pembangunan Pertanian Bersepadu (IADA) Pulau Pinang
11. Kawasan Pembangunan Pertanian Bersepadu (IADA) Seberang Perak
12. Kawasan Pembangunan Pertanian Bersepadu (IADA) Rompin
13. Kawasan Pembangunan Pertanian Bersepadu (IADA) Pekan
14. Jabatan Perangkaan Malaysia
15. Institut Penyelidikan dan Kemajuan Pertanian Malaysia (MARDI)
16. Lembaga Pertubuhan Peladang (LPP)
17. Syarikat Padi Beras Nasional Berhad
18. Lembaga Penyatuan dan Pemulihan Tanah Persekutuan (FELCRA)

Urusetia:

Unit Perangkaan
Seksyen Teknologi Maklumat dan Perangkaan Pertanian
Bahagian Perancangan, Teknologi Maklumat & Komunikasi
Jabatan Pertanian
Wisma Tani, Lot 4G2, Presint 4
62624 PUTRAJAYA
Telefon: 03-8870 3000 samb. 3021, 3123, 3080 Faks: 03-8888 4775
E-mel: chongsk@doa.gov.my; syamaizar@doa.gov.my; zailie@doa.gov.my

Members of the Implementation Committee on Paddy Production Survey (PPS) at National Level

Chairman: *Department of Agriculture*

Members:

1. *Ministry of Agriculture & Agro-based Industry*
   - *i) Agriculture Drainage and Irrigation Division*
   - *ii) Strategic Planning and Policy Division*
   - *iii) Paddy and Rice Industry Division*

2. *Department of Agriculture*
   - *i) Planning, Information Technology & Communications Division*
   - *ii) Paddy, Industrial Crops and Floriculture Division*
   - *iii) Soil Resource Management and Conservation Division*
   - *iv) Plant Biosecurity Division*
   - *v) Agriculture Extension and Agro Based Industry Division*
   - *vi) Agricultural Engineering Division*
   - *vii) Crop Quality Control Division*

3. *Chairman, Implementation Committee on PPS at state level*
   - *i) Johor*
   - *ii) Kedah*
   - *iii) Kelantan*
   - *iv) Melaka*
   - *v) Negeri Sembilan*
   - *vi) Pahang*
   - *vii) Perak*
   - *viii) Perlis*
   - *ix) Pulau Pinang*
   - *x) Selangor*
   - *xi) Terengganu*
   - *xii) Sabah*
   - *xiii) Sarawak*

4. *Muda Agricultural Development Authority (MADA)*
5. *Kemubu Agricultural Development Authority (KADA)*
6. *Kerian Integrated Agricultural Development Area (IADA)*
7. *Barat Laut Selangor Integrated Agricultural Development Area (IADA)*
8. *Northern Terengganu Integrated Agricultural Development Area (IADA)*
9. *Kemasin Semerak Integrated Agricultural Development Area (IADA)*
10. *Penang Integrated Agricultural Development Area (IADA)*
11. *Seberang Perak Integrated Agricultural Development Area (IADA)*
12. *Rompin Integrated Agricultural Development Area (IADA)*
13. *Pekan Integrated Agricultural Development Area (IADA)*
14. *Department of Statistics, Malaysia*
15. *Malaysian Agricultural Research and Development Institute (MARDI)*
16. *Farmers Organisation Authority*
17. *Syarikat Padi Beras Nasional Berhad*
18. *Federal Land Consolidation and Rehabilitation Authority (FELCRA)*

Secretariat: *Statistics Unit*
Information Technolgy dan Agricultural Statistics Sections
Planning, Information Technology & Communications Division
Department of Agriculture
Wisma Tani, Lot 4G2, Presint 4
62624 PUTRAJAYA
Telephone: 03-8870 3000 ext. 3021, 3123, 3080 Faxs: 03-8888 4775
E-mail: *chongsk@doa.gov.my; syamaizar@doa.gov.my; zailie@doa.gov.my*