LAPORAN PENYIASATAN PENGELUARAN PADI

Paddy Production Survey Report MALAYSIA

LUAR MUSIM 2015

Off Season

JABATAN PERTANIAN

LAPORAN PENYIASATAN PENGELUARAN PADI
Paddy Production Survey Report
MALAYSIA

LUAR MUSIM 2015
Off Season 2015

JABATAN PERTANIAN
SEMENANJUNG MALAYSIA
Department of Agriculture
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KATA PENGANTAR

Penerbitan Penyiasatan Pengeluaran Padi (PPP), Luar Musim 2015 kali ke 71 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 Mac 2015 hingga 31 Julai 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.

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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.

Mei 2016

PREFACE

This publication on Paddy Production Survey (PPS), Off Season 2015 is one of the several publications produced by the Department of Agriculture which provides a comprehensive information on paddy. This issue is the 71st in the series of PPS publications. The information refers to PPS for the period of paddy planting between 1st March 2015 to 31st July 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 Dryland 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 Division, the Paddy Division, the Soil Resource Management and Conservation 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.

May 2016

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DATA PENTING - MALAYSIA
Key Data - MALAYSIA

	2012	2013	2014[p]
PENDUDUK (juta) *POPULATION (million)*	**29.5**	**30.2**	**30.6**
PERANGKAAN PENTING (setiap 1,000 penduduk) *VITAL STATISTICS (per 1,000 population)*	**2012**	**2013**	**2014[p]**
Kadar Kelahiran Kasar *Crude Birth Rate*	**17.8**	**16.7**	**16.7**
Kadar Kematian Kasar *Crude Death Rate*	**4.7**	**4.7**	**4.8**
Kadar Pertambahan Semulajadi Kasar *Crude Rate of Natural Increase*	**12.9**	**12.0**	**12.0**
Kadar Mortaliti Bayi (setiap 1,000 kelahiran hidup) *Infant Mortality Rate (per 1,000 live births)*	**6.5**	**6.3**	**6.2**
KELUARAN NEGARA KASAR (KDNK) *GROSS NATIONAL PRODUCT (GDP)*	**2012**	**2013**	**2014[p]**
KDNK pada harga semasa (RM juta) *GDP at current prices (RM million)*	**941,237**	**1,018,614**	**1,106,466**
KDNK pada harga malar 2005 (RM juta) *GDP at constants 2005 prices (RM million)*	**751,471**	**955,080**	**1,012,506**
PERDAGANGAN LUAR NEGERI (RM juta) *EXTERNAL TRADE (RM million)*	**2012**	**2013**	**2014**
Jumlah Eksport *Total Exports*	**702.6**	**720.0**	**765.4**
Jumlah Import *Total Imports*	**606.7**	**648.7**	**682.9**
Imbangan Perdagangan *Balance of Trade*	**96.0**	**71.3**	**82.5**
KELUASAN BERTANAM BAGI TANAMAN-TANAMAN UTAMA ('000 hektar) *PLANTED AREA OF MAIN CROPS ('000 hectares)*	**2012**	**2013**	**2014**
Getah *Rubber*	**1,059.7**	**698.7[p]**	**701.4[p]**
Kelapa Sawit *Oil Palm*	**5,077.0**	**5,230.0**	**5,392.0**
Padi * *Paddy*	**684.5**	**671.7**	**679.2**
Koko *Cocoa*	**11.7**	**13.8**	**16.1**
GUNA TENAGA ('000) *EMPLOYMENT*	**2012**	**2013**	**2014**
Jumlah Tenaga Buruh *Total Labour Force*	**13,119.6**	**13,634.6**	**13,931.6**
Bekerja *Employed*	**12,723.2**	**13,210.0**	**13,532.1**
Menganggur *Unemployed*	**396.3**	**424.6**	**399.5**
Kadar Pengangguran (%) *Unemployment Rate (%)*	**3.0**	**3.1**	**2.9**

DATA PENTING - MALAYSIA
Key Data - MALAYSIA

	2012	2013	2014
PENGELUARAN KOMODITI PERTANIAN UTAMA *PRODUCTION OF MAIN AGRICULTURAL COMMODITIES*			
GETAH ASLI ('000 tan metrik) *NATURAL RUBBER ('000 tonnes)*			
Pengeluaran *Production*	**922.8**	**826.4**	**668.6**
MINYAK SAWIT MENTAH *CRUDE PALM OIL*			
Pengeluaran *Production*	**18,785.0**	**19,216.4**	**19,667.0**
BERAS ('000 tan metrik) *RICE ('000 tonnes)*			
Pengeluaran * *Production*	**1,675.0**	**1,677.4**	**1,834.8**
Import *Imports*	**1,006.0**	**886.8**	**920.6**
Eksport *Exports*	**0.9**	**10.8**	**36.4**

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 - LUAR MUSIM

Key Statistics of Paddy - Off Season

	2012	2013	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	**-**	**-**	**-**	**-**
Sarawak	**-**	**-**	**-**	**-**
Keluasan Bertanam Padi *Planted paddy areas*				
Malaysia	**254,363**	**246,319**	**263,054**	**265,931**
Semenanjung Malaysia *Peninsular Malaysia*	**243,043**	**236,044**	**249,940**	**255,176**
Kawasan jelapang padi *Granary areas*	**184,395**	**177,406**	**197,856**	**201,870**
Sabah	**10,857**	**9,851**	**12,830**	**10,448**
Sarawak	**463**	**424**	**284**	**307**
PURATA HASIL (KG/HEKTAR) *Average yield (kg/ha)*				
Malaysia	**4,493**	**4,756**	**4,823**	**4,702**
Semenanjung Malaysia *Peninsular Malaysia*	**4,567**	**4,847**	**4,894**	**4,771**
Kawasan jelapang padi *Granary areas*	**5,116**	**5,355**	**5,253**	**5,042**
Sabah	**2,949**	**2,657**	**3,490**	**3,104**
Sarawak	**1,839**	**3,175**	**1,971**	**1,646**
ANGGARAN PENGELUARAN PADI ('000 TAN METRIK) *Estimates of Paddy Production ('000 metric tonnes)*				
Malaysia	**1,142.9**	**1,171.5**	**1,268.6**	**1,250.5**
Semenanjung Malaysia *Peninsular Malaysia*	**1,110.0**	**1,144.0**	**1,223.3**	**1,217.5**
Kawasan jelapang padi *Granary areas*	**943.4**	**950.1**	**1,039.3**	**1,017.9**
Sabah	**32.0**	**26.2**	**44.8**	**32.4**
Sarawak	**0.9**	**1.3**	**0.6**	**0.5**
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 CL2**	**MR 263**	**MR 263**
Ketiga Popular *Third popular*	**MR 220 CL1**	**MR 220**	**MR 219**	**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*
-	**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.

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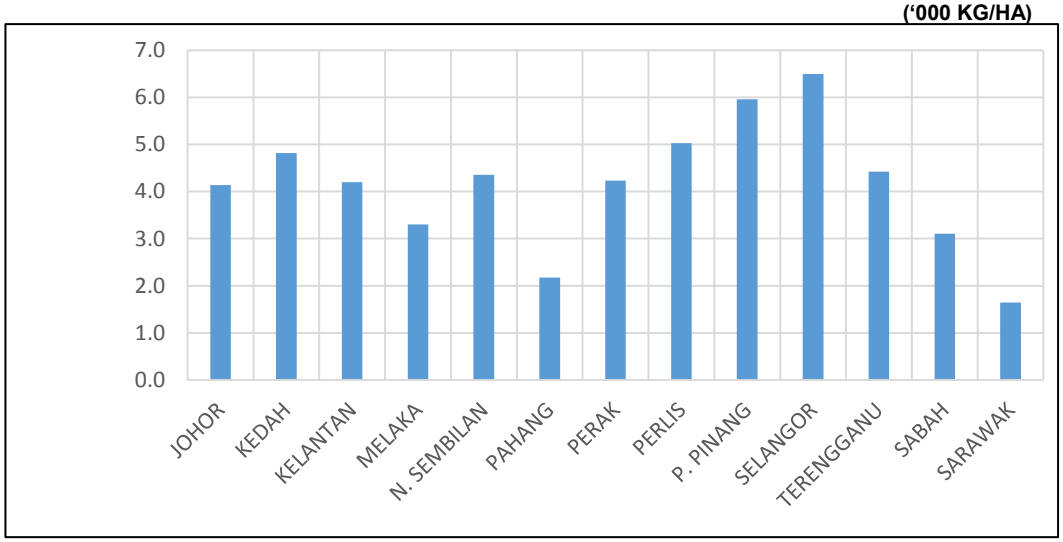
('000 KG/HA)



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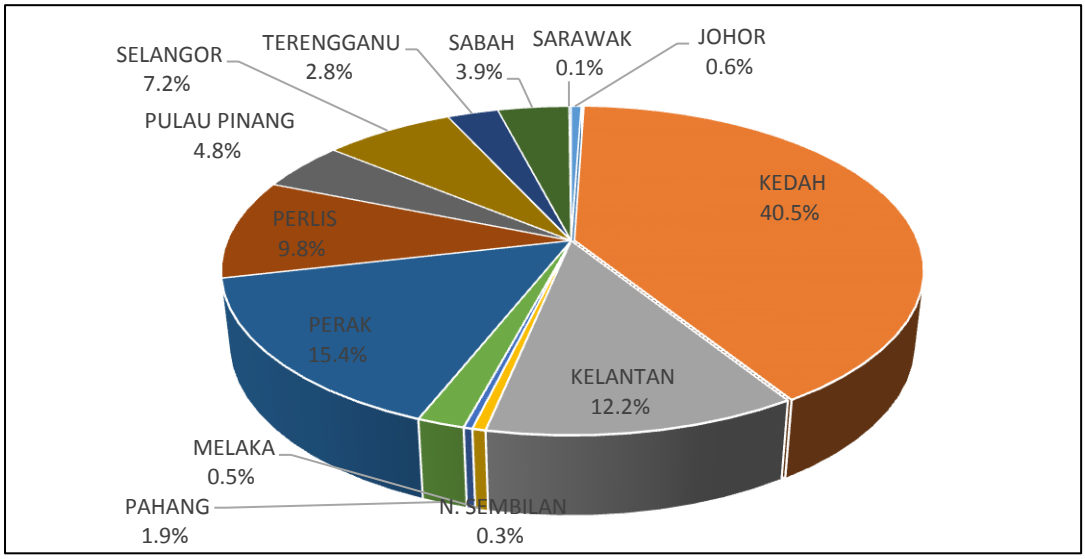

Catatan: Jumlah keluasan bertanam 265,931 ha
Note: Total planted area 265,931 ha

CARTA 3: PENGELUARAN PADI SAWAH MENGIKUT NEGERI, MALAYSIA, LUAR MUSIM 2015
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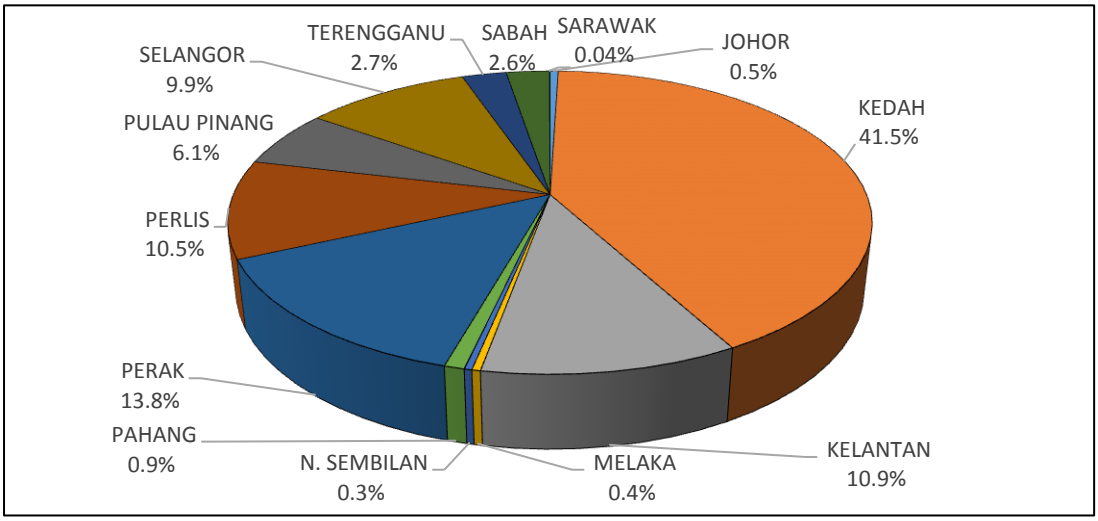

Catatan: Jumlah pengeluaran 1,250,478 tan metrik
Note: Total production 1,250,478 metric tonnes

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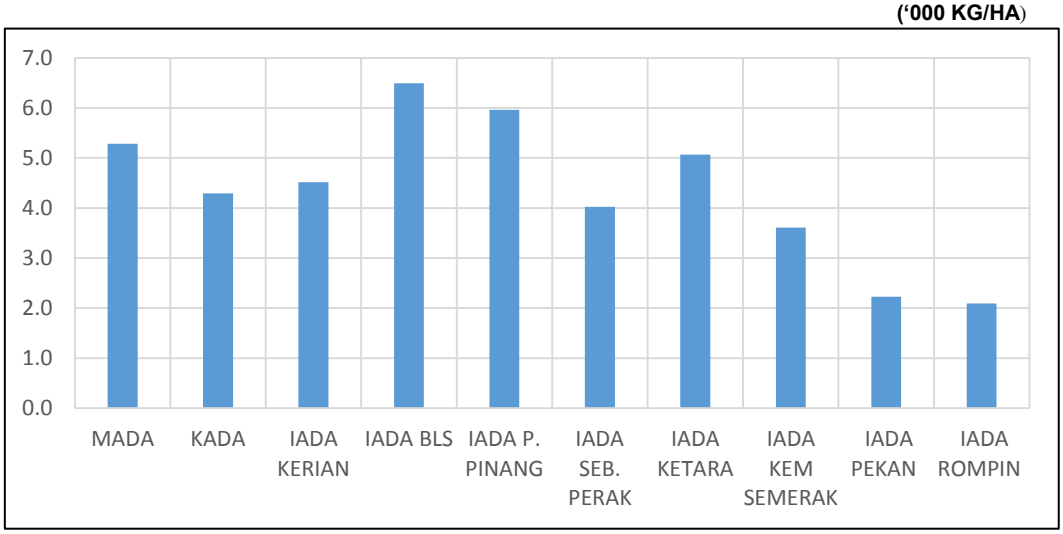
('000 KG/HA)



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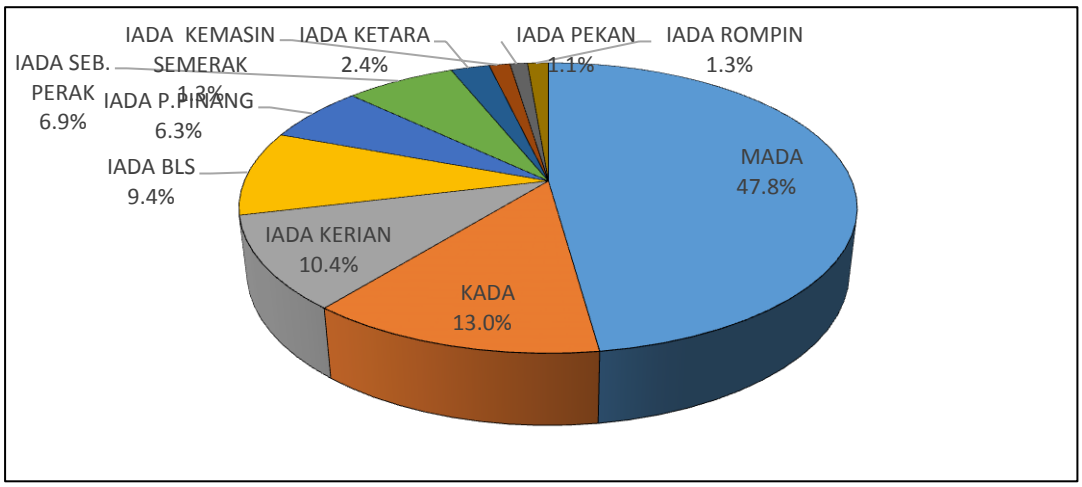

Catatan: Jumlah keluasan bertanam 201,870 ha

Note: Total planted area 201,870 ha

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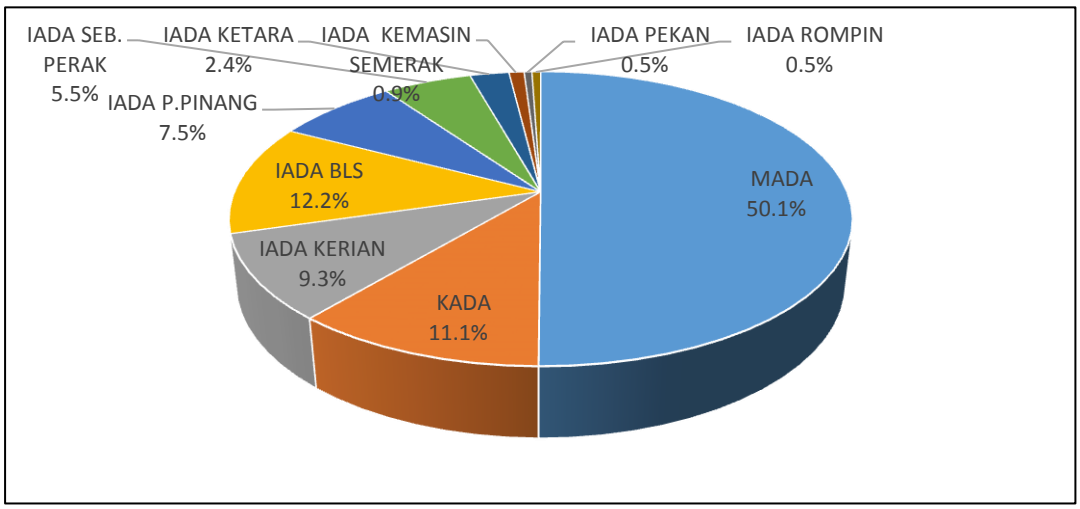


Catatan: Jumlah pengeluaran 1,017,910 tan metrik

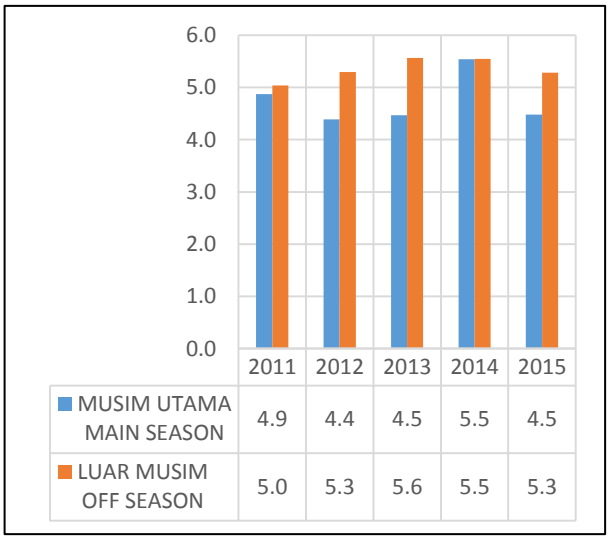
Note: Total production 1,017,910 metric tonnes

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

Chart 7: Average yield of Wetland Paddy by granary area and season, Peninsular Malaysia, 2011 - 2015

MADA

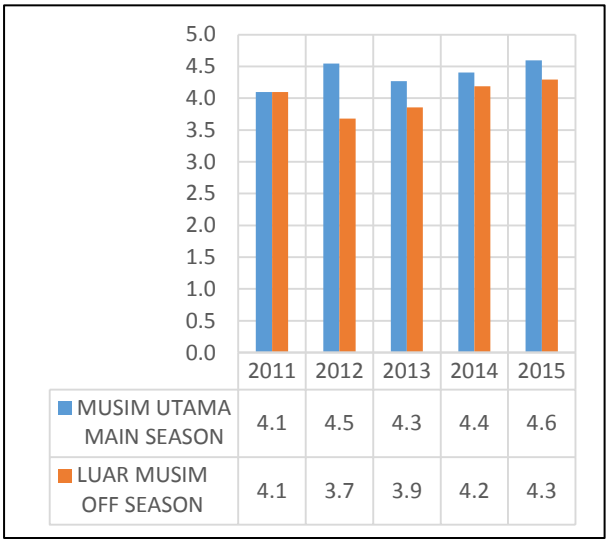
('000 KG/HA)



	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	5.3

KADA

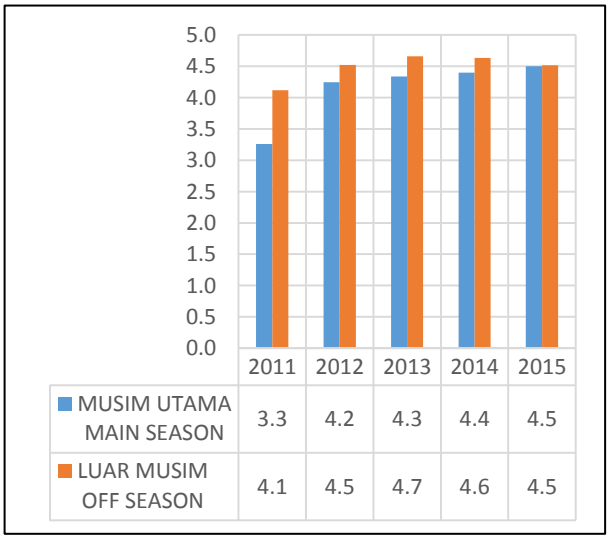
('000 KG/HA)



	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	4.3

IADA KERIAN

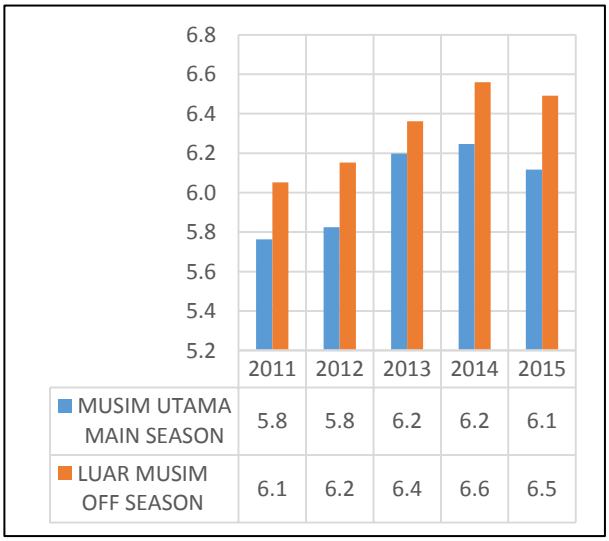
('000 KG/HA)



	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	4.5

IADA BARAT LAUT SELANGOR

('000 KG/HA)



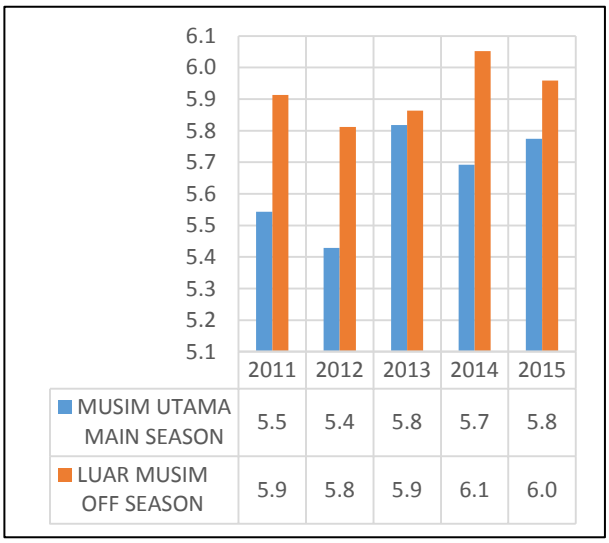
	2011	2012	2013	2014	2015
MUSIM UTAMA MAIN SEASON	5.8	5.8	6.2	6.2	6.1
LUAR MUSIM OFF SEASON	6.1	6.2	6.4	6.6	6.5

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

Chart 7: Average yield of Wetland Paddy by granary area and season, Peninsular Malaysia, 2011 – 2015 (cont'd.)

IADA P. PINANG

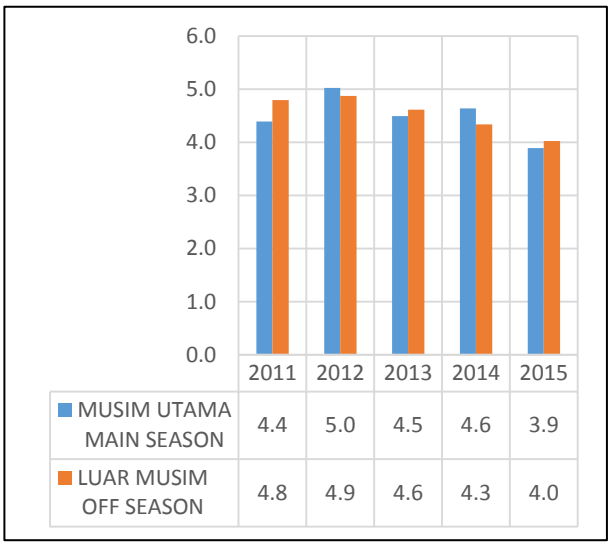
('000 KG/HA)



	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	6.0

IADA SEBERANG PERAK

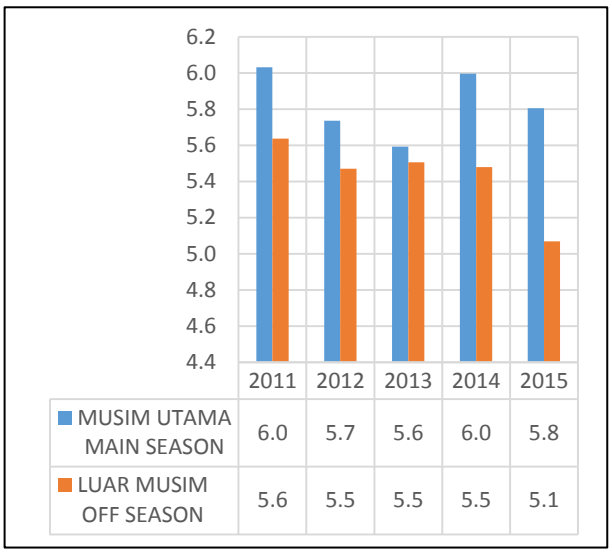
('000 KG/HA)



	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	4.0

IADA KETARA

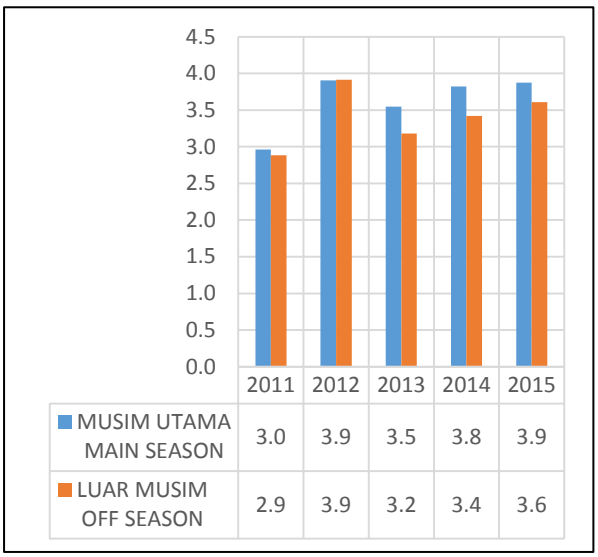
('000 KG/HA)



	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	5.1

IADA KEMASIN SEMERAK

('000 KG/HA)



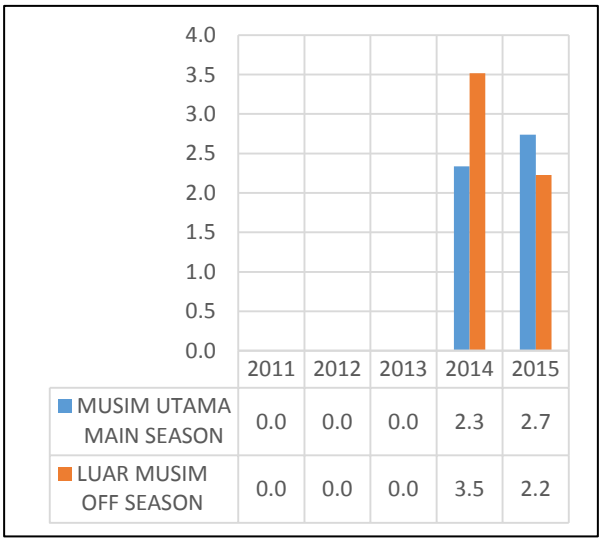
	2011	2012	2013	2014	2015
MUSIM UTAMA MAIN SEASON	3.0	3.9	3.5	3.8	3.9
LUAR MUSIM OFF SEASON	2.9	3.9	3.2	3.4	3.6

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

Chart 7: Average yield of Wetland Paddy by granary area and season, Peninsular Malaysia, 2011 – 2015 (cont'd.)

IADA PEKAN

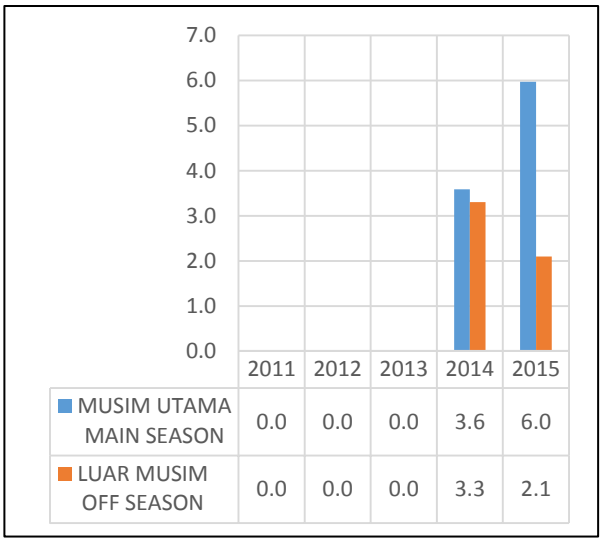
('000 KG/HA)



	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	2.2

IADA ROMPIN

('000 KG/HA)

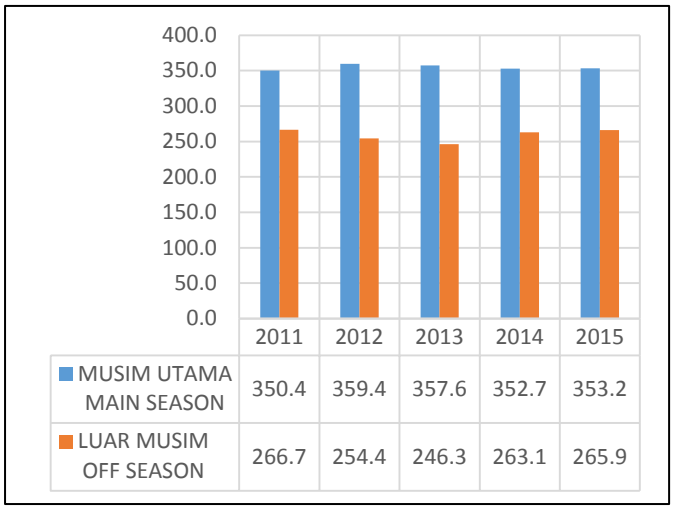


	2011	2012	2013	2014	2015
MUSIM UTAMA MAIN SEASON	0.0	0.0	0.0	3.6	6.0
LUAR MUSIM OFF SEASON	0.0	0.0	0.0	3.3	2.1

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

Chart 8:Planted area of Wetland Paddy by season, Malaysia, 2011 - 2015

('000 HA)

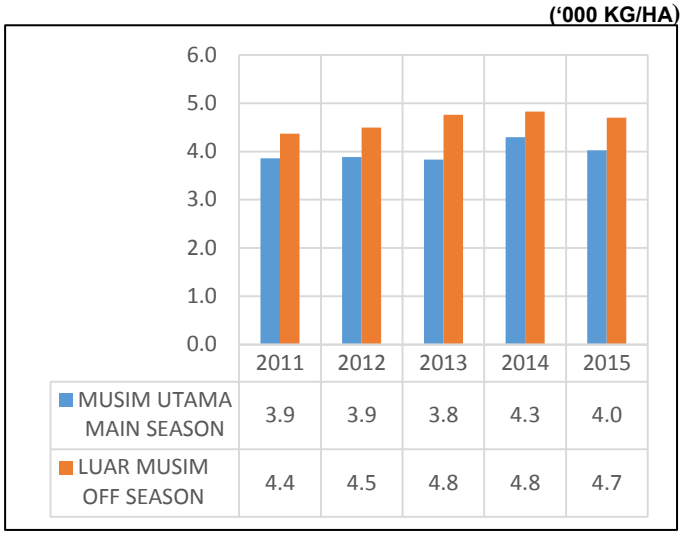


	2011	2012	2013	2014	2015
MUSIM UTAMA MAIN SEASON	350.4	359.4	357.6	352.7	353.2
LUAR MUSIM OFF SEASON	266.7	254.4	246.3	263.1	265.9

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

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

('000 KG/HA)

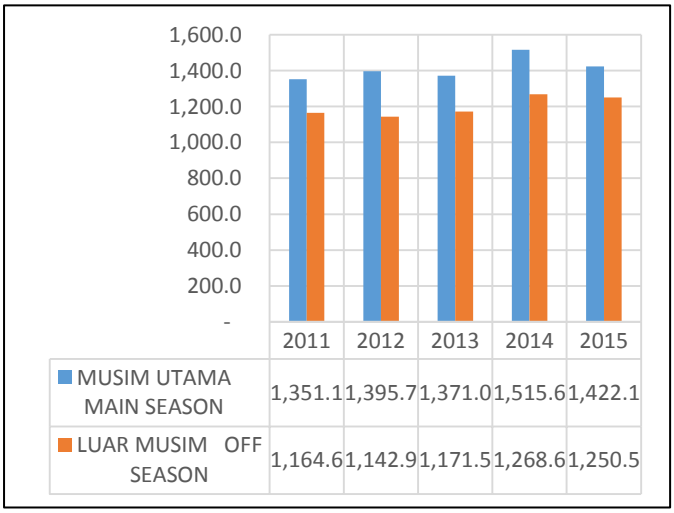


	2011	2012	2013	2014	2015
MUSIM UTAMA MAIN SEASON	3.9	3.9	3.8	4.3	4.0
LUAR MUSIM OFF SEASON	4.4	4.5	4.8	4.8	4.7

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

Chart 10: Production of Wetland Paddy by season, Malaysia, 2011 - 2015

('000 TAN METRIK/*Metric Tonnes*)



	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	1,250.5

CATATAN

NOTES

JABATAN PERTANIAN

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 97)
   (b) Kawasan jelapang padi mengguna faktor di Jadual D3 (ruangan 4 dan 7, muka surat 98)
   (c) Varieti padi mengguna faktor di Jadual D4 (ruangan 4 dan 7, muka surat 99)
   (d) Kelas padi mengguna faktor di Jadual D5 (muka surat 100)

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 di bawah 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 (column 4 and 7, page 97)
(b) Garanary areas use factors listed in Table D3 (column 4 and 7, page 98)
(c) Paddy varieties use factors listed in Table D4 (column 4 and 7, page 99)
(d) Paddy class uses factors listed in Table D5 (page 100)

3. Data for I.A.D.A. P. Pinang included those of Sections 27 and 28 in the district of Seberang Perai Selatan, Pulau Pinang.

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, Luar Musim 2015
Reported planted in Peninsular Malaysia, Off Season 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	MR 220 CL1	2010	Panjang Long
4	MR 220 CL2	2010	Panjang *Long*
5	MR 253	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, Luar Musim 2015
Reported not planted in Peninsular Malaysia, Off Season 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 *Long*

(B) Dilaporkan tidak bertanam di Semenanjung Malaysia, Luar Musim 2015
Reported not planted in Peninsular Malaysia, Off Season 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	**MRQ 74**	**2005**	**Panjang** ***Long***
28	**MR 232**	**2006**	**Panjang** ***Long***
29	**MARDI 284**	**2015**	**Panjang** ***Long***

OBJEKTIF, LIPUTAN, SKOP DAN METODOLOGI

JABATAN PERTANIAN

OBJEKTIF, LIPUTAN, SKOP DAN METODOLOGI

1. OBJEKTIF

Objektif utama Penyiasatan Pengeluaran Padi (PPP) ialah untuk mengutip data padi dengan menggunakan kaedah pensampelan kebarangkalian bagi mendapatkan anggaran hasil, keluasan bertanam dan pengeluaran padi untuk setiap musim. Anggaran ini dikeluarkan di peringkat daerah, negeri dan 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 1 Ogos bagi sesuatu tahun hingga 28 / 29 Februari tahun berikutnya dan Laporan **Luar Musim** meliputi tempoh tanaman padi antara 1 Mac hingga 31 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 IADA 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 lapan kawasan jelapang padi di Malaysia, iaitu, MADA, KADA, IADA Kerian, IADA BLS, IADA P. Pinang, IADA Seberang Perak, IADA KETARA dan IADA Kemasin Semerak.

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 LUAR MUSIM 2015

JABATAN PERTANIAN

LAPORAN PENYIASATAN PENGELUARAN PADI
LUAR MUSIM 2015

1. PENDAHULUAN

Laporan ini memberi keputusan keseluruhan tentang Penyiasatan Pengeluaran Padi (PPP), Luar Musim 2015 bagi padi yang ditanam di Malaysia. Luar Musim 2014 merujuk kepada tempoh padi yang ditanam antara 1 Mac 2015 hingga 31 Julai 2015.

2. KADAR SAMBUTAN

2.1 Penyiasatan Hasil

Kadar sambutan untuk Penyiasatan Hasil yang dijalankan di Semenanjung Malaysia bagi Luar Musim 2015 adalah 100.0%. Bilangan sampel yang dijalankan bagi Luar Musim 2015 adalah sebanyak 2,262 lot, diterima untuk dibuat analisis. Bagi negeri Sabah, kadar sambutan adalah 100.0% iaitu sebanyak 102 sampel manakala sampel diterima untuk dibuat analisis adalah sebanyak 99 sampel. (**Jadual A1 – m. surat 43**).

Kadar sambutan di kawasan jelapang padi adalah 100% yang mana kesemua 1,591 sampel boleh dibuat analisis. (**Jadual A2 – m. surat 44**).

2.2 Penyiasatan Keluasan Aktiviti Tanaman Padi

Mulai Luar Musim 1998, Penyiasatan Keluasan Aktiviti Tanaman Padi telah dibuat secara bancian bulanan ke atas semua Unit KeluasanTiruan (UKT) yang aktif bertanam di Semenanjung Malaysia. Pada musim ini, bilangan UKT yang dibanci adalah 351 bagi kawasan pengairan dan 109 bagi kawasan luar pengairan. Jabatan Pertanian Negeri Sabah dan Sarawak berkenaan melapor keluasan bertanam mengikut kaedah masing-masing. (**Jadual B5 – m. surat 61**).

Jadual 1: Sampel Dirancang Dan Yang Beri Sambutan Mengikut Luar Musim, Semenanjung Malaysia, 2010 – 2015 (Penyiasatan Hasil)

Luar Musim	Bil. Sampel Dirancang	Sambutan	
		Bilangan	Peratusan
2010	2,262	2,262	100
2011	2,265	2,265	100
2012	2,270	2,261	99
2013	2,211	2,211	100
2014	2,279	2,279	100
2015	2,262	2,262	100

3. PERSEMBAHAN DATA

Mulai Luar Musim 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**. Walau bagaimanapun, data terperinci berkaitan amalan kultura dan lain-lain maklumat yang ditunjukkan di Jadual A1 hingga Jadual D5 hanya merujuk kepada **Padi Sawah** sahaja.

Purata hasil padi dilaporkan dalam tiga bentuk, iaitu, purata hasil padi basah, purata hasil padi kering dan purata hasil padi bersih. Jawatankuasa PPP Peringkat Kebangsaan memutuskan, data purata hasil padi yang disebut dalam laporan ini dan permohonan dari mana-mana agensi bagi data hasil adalah merujuk kepada **padi bersih** sahaja.

Untuk meningkatkan lagi kegunaan laporan ini, data siri masa bagi sepuluh tahun yang lalu turut disertakan sebagai Lampiran (**Lampiran 7 – m. surat 107 hingga Lampiran 48 – m. surat 148**).

4. KEPUTUSAN PENYIASATAN PENGELUARAN PADI

4.1 Keseluruhan Hasil Padi

Purata hasil padi bagi seluruh negara untuk Luar Musim 2015 adalah 4,702 kg/ha. Ia menurun 2.5 peratus berbanding dengan Luar Musim 2014, iaitu, 4,823 kg/ha. Keseluruhan keluasan bertanam padi ialah 265,931 ha, meningkat sebanyak 1.1 peratus daripada keluasan bertanam padi seluas 262,978 ha pada Luar Musim 2014 (**Jadual 2 – m. surat 13**).

Semenanjung Malaysia, purata hasil padi untuk Luar Musim 2015 adalah 4,771 kg/ha dengan keluasan bertanam 255,176 ha berbanding dengan 4,894 kg/ha dan keluasan bertanam 249,940 ha pada Luar Musim 2014 **(Jadual 2 – m. surat 13**).

Anggaran pengeluaran padi bagi semua negeri pada musim ini ialah 1.250 juta tan metrik. Pengeluaran dari Semenanjung Malaysia menyumbang sebanyak 97.3 peratus (1.218 juta tan metrik) daripada pengeluaran padi negara (**Jadual 2 – m. surat 13**), manakala sumbangan daripada kawasan jelapang padi adalah sebanyak 81.4 peratus atau 1.018 juta tan metrik daripada jumlah pengeluaran padi di Semenanjung Malaysia (**Jadual B16 – m. surat 78**).

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 Luar Musim 2015 ialah 4,702 kg/ha dengan keluasan bertanam 265,931 ha berbanding 4,823 kg/ha dengan keluasan bertanam 262,978 ha pada Luar Musim 2014 (**Jadual 2 – m. surat 13**).

4.2.1 Padi Sawah Di Semenanjung Malaysia

Pada peringkat Semenanjung Malaysia, purata hasil Padi Sawah adalah 4,771 kg/ha dengan keluasan bertanam 255,176 ha. Ini merupakan 96.0 peratus daripada jumlah keluasan bertanam padi di Malaysia (**Jadual 2 – m. surat 13**). Jumlah keluasan pasel padi yang didaftarkan adalah 291,086 ha yang mana 87.6 peratus daripadanya telah ditanam padi musim ini (**Jadual B5 – m. surat 61**).

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

Kawasan	Luar Musim 2015			Luar Musim 2014			Luar Musim 2013		
	Hasil (kg/ha)	Keluasan (ha)	Pengeluaran (tan)	Hasil (kg/ha)	Keluasan (ha)	Pengeluaran (tan)	Hasil (kg/ha)	Keluasan (ha)	Pengeluaran (tan)
Sem. Malaysia	4,771	255,176	1,217,543	4,894	249,940	1,223,256	4,847	236,044	1,144,021
Sabah	3,104	10,448	32,429	3,488	12,754	44,486	2,657	9,851	26,171
Sarawak	1,646	307	506	1,971	284	561	3,175	424	1,346
Malaysia	4,702	265,931	1,250,478	4,823	262,978	1,268,303	4,756	246,319	1,175,538

Analisis taburan hasil menunjukkan 1,501 atau 66.4 peratus daripada keseluruhan sampel memperoleh purata hasil melebihi 4 tan/ha. Daripada jumlah ini, 213 sampel memperoleh purata hasil melebihi 6 tan/ha (**Jadual B14 – m. surat 76**).

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 233,700 ha dengan purata hasil 4,842 kg/ha manakala kawasan luar skim pengairan pula mencatatkan keluasan bertanam sebanyak 21,476 ha dengan purata hasil 3,757 kg/ha (**Jadual B1 – m. surat 45 dan Jadual B5 – m. surat 61**).

Analisis purata hasil padi peringkat negeri (Semenanjung Malaysia) menunjukkan peningkatan di negeri Johor, Kelantan, Melaka, berbanding Luar Musim 2014 yang lepas (**Jadual 3 – m. surat 14)**.

Negeri Selangor mencatatkan purata hasil yang paling tinggi iaitu sebanyak 6,492 kg/ha dengan keluasan bertanam 19,057 ha. Ini diikuti Pulau Pinang yang memperoleh purata hasil sebanyak 5,959 kg/ha dengan keluasan bertanam 12,782 ha manakala negeri yang mencatat purata hasil yang paling rendah pada musim ini adalah Pahang dengan 2,173 kg/ha dan keluasan bertanam 1,381 ha (**Jadual 3 – m. surat 14)**.

4.2.2 Padi Sawah Di Sabah dan Sarawak

Purata hasil Padi Sawah di negeri Sabah bagi Luar Musim 2015 ialah 3,104 kg/ha, menurun 11.0 peratus berbanding 3,488 kg/ha yang dicatat pada Luar Musim 2014. Keluasan bertanam padi pada musim ini ialah 10,448 ha, menurun 18.1 peratus berbanding Luar Musim yang lepas (**Jadual 3 – m. surat 14**).

Bagi negeri Sarawak, purata hasil Padi Sawah ialah 1,646 kg/ha, menurun 16.5 peratus berbanding purata hasil sebanyak 1,971 kg/ha pada musim yang sama tahun 2014. Keluasan bertanam padi ialah 307 ha, meningkat 8.10 peratus berbanding 284 ha pada tahun 2014 (**Jadual 3 – m. surat 14**).

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

Negeri	Luar Musim 2015		Luar Musim 2014		Luar Musim 2013	
	Hasil (Kg/Ha)	Keluasan (Ha)	Hasil (Kg/Ha)	Keluasan (Ha)	Hasil (Kg/Ha)	Keluasan (Ha)
JOHOR	4,139	1,470	4,132	1,421	5,135	1,435
KEDAH	4,816	107,789	4,948	106,072	4,776	106,122
KELANTAN	4,199	32,390	4,125	29,866	3,803	15,534
MELAKA	3,300	1,381	2,994	1,370	3,085	1,359
N. SEMBILAN	4,354	917	4,453	910	4,031	924
PAHANG	2,173	4,957	3,325	4,529	3,513	4,402
PERAK	4,232	40,892	4,277	40,542	4,512	40,606
PERLIS	5,026	26,043	5,175	26,029	5,196	26,054
P. PINANG	5,959	12,782	6,052	12,782	5,772	12,782
SELANGOR	6,492	19,057	6,560	18,917	6,362	18,934
TERENGGANU	4,426	7,498	4,876	7,502	4,375	7,892
SEM. MALAYSIA	4,771	255,176	4,894	249,940	4,847	236,044
SABAH	3,104	10,448	3,488	12,754	2,657	9,851
SARAWAK	1,646	307	1,971	284	3,175	424
MALAYSIA	**4,702**	**265,931**	**4,823**	**262,978**	**4,756**	**246,319**

4.2.3 Padi Sawah Di Kawasan Jelapang Padi

Purata hasil Padi Sawah di sepuluh kawasan jelapang padi pada musim ini ialah 5,042 kg/ha, menurun sebanyak 4.0 peratus berbanding 5,253 kg/ha pada Luar Musim 2014. Jumlah keluasan bertanam padi dalam kawasan jelapang padi adalah 201,870 ha yang merupakan 79.1 peratus daripada keseluruhan keluasan bertanam padi pada Luar Musim 2015 di Semenanjung Malaysia. Keluasan musim ini meningkat sebanyak 2.0 peratus berbanding 197,856 ha yang bertanam padi pada Luar Musim 2014. Purata hasil tertinggi dicatat di IADA Barat Laut Selangor iaitu sebanyak 6,492 kg/ha. (**Jadual 3 – m. surat 14 dan Jadual 4 – m. surat 15**).

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

Jelapang Padi	Luar Musim 2015		Luar Musim 2014		Luar Musim 2013	
	Hasil (Kg/Ha)	Keluasan (Ha)	Hasil (Kg/Ha)	Keluasan (Ha)	Hasil (Kg/Ha)	Keluasan (Ha)
MADA	5,283	96,054	5,542	95,348	5,566	95,366
KADA	4,292	26,343	4,188	25,139	3,856	12,362
IADA KERIAN	4,515	20,972	4,633	20,972	4,655	20,972
IADA BLS	6,492	19,057	6,560	18,917	6,362	18,934
IADA P.PINANG	5,959	12,782	6,052	12,782	5,864	10,305
IADA SEBERANG PERAK	4,024	13,866	4,334	13,791	4,613	13,843
IADA KETARA	5,069	4,876	5,480	4,876	5,506	4,876
IADA KEM SEMERAK	3,610	2,633	3,422	1,749	3,180	748
IADA PEKAN	2,227	2,202	3,515	1,707	-	-
IADA ROMPIN	2,094	2,635	3,301	2,575	-	-
Jumlah	**5,042**	**201,870**	**5,253**	**197,856**	**5,355**	**177,406**

Analisis jadual taburan hasil menunjukkan 1,306 atau 82.1 peratus daripada jumlah sampel di kawasan jelapang padi mempunyai purata hasil lebih daripada 4 tan sehektar yang mana 189 sampel memperoleh purata hasil melebihi 6 tan sehektar (**Jadual B15 – m. surat 77**).

Dua daripada kawasan jelapang padi mencatatkan peningkatan purata hasil padi berbanding dengan Luar Musim 2014 manakala enam kawasan jelapang padi mengalami penurunan purata hasil berbanding Luar Musim 2014. (**Jadual 4 – m. surat 15**).

Berikut adalah ulasan bagi setiap kawasan jelapang padi:-

i. MADA

Purata hasil padi di MADA ialah 5,283 kg/ha menurun 4.7 peratus berbanding 5,542 kg/ha pada Luar Musim 2014 yang lepas (**Jadual 4 – m. surat 15**). Sebanyak 662 atau 98.1 peratus daripada 675 sampel di MADA menunjukkan purata hasil lebih daripada 4 tan sehektar dan daripada jumlah ini 68 sampel memperoleh purata hasil 6-8 tan/ha (**Jadual B15 – m. surat 77**). Keluasan bertanam padi pada musim ini adalah 96,504 ha meningkat 1.2 peratus berbanding 95,348 ha pada Luar Musim 2014 yang lepas (**Jadual 4 – m. surat 15**).

ii. KADA

KADA mempunyai purata hasil padi sebanyak 4,292 kg/ha meningkat sebanyak 2.5 peratus berbanding dengan Luar Musim 2014 (**Jadual 4 m. surat 15**). Analisis taburan purata hasil menunjukkan 173 sampel atau 63.4 peratus memperoleh purata hasil melebihi 4 tan/ha dan daripada jumlah ini, 3 sampel memperoleh purata hasil melebihi 6 tan/ha (**Jadual B15 – m. surat 77**). Keluasan bertanam padi meningkat sebanyak 4.8 peratus kepada 26,343 ha berbanding dengan Luar Musim 2014 lepas, iaitu seluas 25,139 ha (**Jadual 4–m.surat 15**).

iii. IADA Kerian

Purata hasil padi di kawasan IADA Kerian adalah 4,515 kg/ha, menurun 2.5 peratus berbanding dengan purata hasil Luar Musim 2014 sebanyak 4,633 kg/ha (**Jadual 4 – m. surat 15**). Analisis taburan purata hasil menunjukkan 136 atau 87.2 peratus daripada sampelnya memperoleh purata hasil melebihi 4 tan/ha dan daripada jumlah ini, 3 sampel mencapai purata hasil melebihi 6 tan/ha (**Jadual B15 – m. surat 77**). Keluasan bertanam padi musim ini ialah kekal 20,972 ha sepertimana Luar Musim 2014 (**Jadual 4 – m. surat 15**).

iv. IADA BLS

IADA BLS memperoleh purata hasil padi sebanyak 6,492 kg/ha, menurun 1.0 peratus berbanding 6,560 kg/ha pada Luar Musim yang lepas (**Jadual 4 m.**

surat 15). Terdapat 109 atau 99.1 peratus daripada sampel dalam projek ini yang memperoleh purata hasil melebihi 4 tan/ha. Daripada jumlah ini, 54 sampel mencapai purata hasil 6-8 tan/ha dan 18 sampel memperoleh purata hasil melebihi 8 tan/ha (**Jadual B15 – m. surat 77**). Keluasan bertanam padi ialah 19,057 ha, meningkat 0.7 peratus berbanding Luar Musim 2014 iaitu 18,917 ha (**Jadual 4 – m. surat 15**).

v. IADA P. Pinang

IADA P. Pinang memperoleh purata hasil sebanyak 5,959 kg/ha, menurun 1.5 peratus berbanding 6,052 kg/ha yang diperoleh pada Luar Musim yang lepas (**Jadual 4 – m. surat 15**). Taburan purata hasil menunjukkan 109 atau 98.2 peratus daripada sampel mempunyai purata hasil lebih daripada 4 tan/ha dan daripada jumlah ini, 30 sampel memperoleh purata hasil 6-8 tan/ha dan 4 sampel memperoleh purata hasil melebihi 8 tan/ha (**Jadual B15 – m. surat 77**). Keluasan bertanam padi musim ini adalah meningkat kepada 12,782 ha sama seperti Luar Musim 2014 (**Jadual 4 - m. surat 15**).

vi. IADA Seberang Perak

IADA Seberang Perak mencapai purata hasil padi sebanyak 4,024 kg/ha pada musim ini, menurun sebanyak 7.2 peratus berbanding dengan purata hasil sebanyak 4,334 kg/ha pada Luar Musim 2014 (**Jadual 4 – m. surat 15**). Daripada taburan purata hasil, didapati 35 sampel mempunyai purata hasil melebihi 4 tan/ha dan 62 sampel mempunyai purata hasil di bawah 4 tan/ha. (**Jadual B15 – m. surat 77**). Jumlah keluasan bertanam padi musim ini ialah 13,866 ha, meningkat 0.5 peratus berbanding 13,791 ha pada Luar Musim 2014 (**Jadual 4 - m. surat 15**).

Kawasan bertanam padi di projek ini dibahagikan kepada blok, iaitu, Blok Awam dan Blok FELCRA. Purata hasil padi yang diperoleh daripada Blok Awam ialah 4,509 kg/ha dengan keluasan bertanam 3,021 ha manakala purata hasil di Blok FELCRA ialah 4,428 kg/ha dengan keluasan bertanam 5,219 ha (**Jadual B12 – m. surat 74**).

vii. IADA KETARA

IADA KETARA telah mengeluarkan purata hasil padi sebanyak 5,069 kg/ha, menurun 7.5 peratus berbanding purata hasil 5,480 kg/ha pada Luar Musim yang lalu (**Jadual 4 – m. surat 15**). Daripada sampel yang dikaji, 58 atau 95.1 peratus telah memperoleh purata hasil lebih 4 tan/ha. Daripada jumlah ini, 9 sampel mencapai purata hasil melebihi 6 tan/ha (**Jadual B15 – m. surat 77**). Keluasan bertanam padi musim ini ialah 4,876 ha. (**Jadual 4 – m. surat 15**).

viii. IADA Kemasin Semerak

IADA Kemasin Semerak telah mengeluarkan purata hasil padi sebanyak 3,610 kg/ha meningkat 5.5 peratus berbanding 3,422 kg/ha pada Luar Musim 2014 **(Jadual 4 – m. surat 15)**. Jadual taburan hasil menunjukkan hanya 20 sampel memperoleh purata hasil melebihi 4 tan/ha **(Jadual B15 – m. surat 77)**. Jumlah keluasan yang bertanam padi ialah 2,633 ha meningkat 50.5 peratus daripada 1,749 ha yang ditanam pada Luar Musim 2014 **(Jadual 4 – m. surat 15)**.

ix. IADA Pekan

Purata hasil padi di IADA Pekan ialah 2,227 kg/ha menurun 36.6 peratus berbanding 3,515 kg/ha pada Luar Musim 2014 yang lepas (**Jadual 4 – m. surat 15**). Sebanyak 3 atau 6.7 peratus daripada 45 sampel menunjukkan purata hasil lebih daripada 4 tan sehektar (**Jadual B15 – m. surat 77**). Keluasan bertanam padi pada musim ini adalah 2,202 ha meningkat 29.0 peratus berbanding 1,707 ha pada Luar Musim 2014 yang lepas (**Jadual 4 – m. surat 15**).

x. IADA Rompin

Purata hasil padi di IADA Rompin ialah 2,094 kg/ha menurun 36.6 peratus berbanding 3,301 kg/ha pada Luar Musim 2014 yang lepas (**Jadual 4 – m. surat 15**). Sebanyak 1 atau 8.3 peratus daripada 12 sampel menunjukkan purata hasil lebih daripada 4 tan sehektar (**Jadual B15 – m. surat 77**). Keluasan bertanam padi pada musim ini adalah 2,575 ha meningkat 2.3 peratus berbanding 3,301 ha pada Luar Musim 2014 (**Jadual 4 – m. surat**

15).

4.3 Padi Huma

Padi Huma meliputi padi yang ditanam di tanah tinggi dan tanah rendah. Padi ini tidak ditanam pada Luar Musim.

5. KADAR PENGGUNAAN BENIH

Kadar purata penggunaan benih padi di Semenanjung Malaysia mengikut pelbagai kaedah menanam ialah 82 kg/ha untuk mencedung manual, 99 kg/ha untuk jentera menanam (transplanter), 135 kg/ha untuk tabur terus (sawah basah), 131 kg/ha untuk tabur terus (sawah kering) dan 150 kg/ha untuk tabur terus dalam air (**Jadual C7 – m. surat 91**).

Di kawasan jelapang padi, kadar purata penggunaan benih mengikut kaedah menanam ialah 74 kg/ha untuk mencedung manual, 101 kg/ha jentera menanam (transplanter), 142 kg/ha untuk tabur terus (sawah basah), 140 kg/ha untuk tabur terus (sawah kering) dan 148 kg/ha untuk tabur terus dalam air (**Jadual C8 – m. surat 92**).

6. TABURAN DAN POTENSI HASIL VARIETI PADI

Di Semenanjung Malaysia, tiga varieti padi yang kerap kali ditanam pada musim ini iaitu, MR 220 CL2 (58.8%), MR 263 (20.7%) dan MR 219 (9.8%). Lain-lain varieti juga ditanam oleh pesawah tetapi dalam peratusan yang sangat kecil (**Jadual C1 – m. surat 83**).

Di kawasan jelapang padi, varieti MR 220 CL2 melebihi varieti-varieti lain iaitu 72.6% diikuti dengan varieti MR 263 (19.7%) dan MR 269 (3.3%) (**Jadual C2 – m. surat 85**).

Dari (**Jadual C3 – m. surat 87**), daripada lapan jenis padi yang biasa ditanam, purata hasil bersih bagi MR 220 CL2 pada musim ini adalah 4,662 kg/ha manakala MR 263 telah mengeluarkan purata hasil sebanyak 4,102 kg/ha. Hasil tertinggi yang dicapai oleh MR 220 CL2 dan MR 263 adalah masing-masing sebanyak 10,520 kg/ha dan 8,261 kg/ha.

7. PENGGUNAAN MEKANISASI

Mengenai kegunaan mekanisasi untuk aktiviti tanaman padi di Semenanjung Malaysia, sebanyak 100.0 peratus sampel mengguna mekanisasi dalam penyediaan sawah, 1.8 peratus untuk jentera menanam (transplanter), 89.4 peratus untuk menabur benih, 83.6 peratus untuk menabur baja, 89.2 peratus untuk meracun dan 99.9 peratus untuk menuai padi (**Jadual C9 – m. surat 93**).

Di kawasan jelapang padi, penggunaan mekanisasi adalah lebih luas, iaitu, 100.0 peratus untuk penyediaan sawah, 2.2 peratus untuk jentera menanam (transplanter), 89.9 peratus untuk menabur benih, 89.9 peratus untuk menabur baja, 93.8 peratus untuk meracun dan 100.0 peratus untuk menuai padi. (**Jadual C10 – m. surat 94**).

8. KEPUTUSAN UJIAN PENGERINGAN

8.1 Kadar Sambutan

Sejumlah 1,092 sampel telah dirancangkan untuk ujian pengeringan di Semenanjung Malaysia pada Luar Musim ini. Kadar sampel padi adalah 100% atau 1,092 sampel boleh dibuat analisis berbanding 1,174 sampel (99.4%) pada Luar Musim 2014. Ujian pengeringan yang dilakukan di stesen-stesen pengeringan adalah penting kerana keputusan-keputusan tersebut akan menentukan asas penukaran faktor padi kering dan padi bersih yang akan digunakan dalam anggaran hasil (**Jadual D1 – m.surat 96**).

8.2 Faktor-Faktor Padi Kering dan Padi Bersih serta Peratusan Hampa

i. Semenanjung Malaysia

Satu sampel padi seberat 1,000 gm diambil daripada 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 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 0.871 dan 0.809 (**Jadual D2 – m. surat 97**).

Bagi kawasan jelapang padi, purata berat padi kering dan purata berat padi bersih masing-masing adalah sebanyak 0.870 dan 0.814 (**Jadual D3 – m. surat 98**). Aliran faktor-faktor padi kering dan padi bersih mengikut negeri dan kawasan jelapang padi masing-masing ditunjukkan pada **Lampiran 50 dan Lampiran 51 - m. surat 150 dan 151.**

Keseluruhan peratusan hampa musim ini ialah 8.7 peratus berbanding dengan Luar Musim yang lalu sebanyak 7.6 peratus (**Lampiran 50 – m. surat 150**). Bagi kawasan jelapang padi, keseluruhan peratusan hampa adalah 8.5 peratus musim ini berbanding 6.7 peratus pada Luar Musim 2014 (**Lampiran 51 – m. surat 151**).

ii. Sabah

Bagi negeri Sabah, faktor padi kering dan bersih adalah 0.931 dan 0.815. Peratusan hampa ialah 12.8%. (**Lampiran 50 – m. surat 150**).

iii. Sarawak

Bagi negeri Sarawak, faktor-faktor padi kering dan padi bersih yang diperoleh adalah 0.940 dan 0.881. Peratusan hampa ialah 5.9 peratus (**Lampiran 50 – m. surat 150**).

TERJEMAHAN

Translation

JABATAN PERTANIAN

Objectives, Coverage, Scope and Methodology

JABATAN PERTANIAN

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 gunnys 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 IADA 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 samplesand 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 eight granary areas in Malaysia, namely, MADA, KADA, IADA Kerian, IADA BLS, IADA P. Pinang, IADA Seberang Perak, IADA KETARA and IADA Kemasin Semerak.

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 2015 refers to the Main Season 2014/2015 and the Off Season 2015. 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

Off Season 2015

JABATAN PERTANIAN

PADDY PRODUCTION SURVEY REPORT
OFF SEASON 2015

1. INTRODUCTION

This report gives an overall result of the Paddy Production Survey (PPS), Off Season 2015 for paddy planted in Malaysia. The Off Season 2015 refers to the period of paddy planting between 1st March 2015 to 31st July 2015.

2. RESPONSE RATE

2.1 Yield Survey

*The response rate of the Yield sample carried out in Peninsular Malaysia during the Off Season 2015 was 100.0%. The number of sample lots during the season was 2,262 samples that responded could be analysed. For the state of Sabah, the response rate was 97% (99 samples) out of a total of 102 samples that responded could be analysed (**Table A1 - page 43**).*

*For the granary areas, the response rate was 100% which all 1,591 samples could be analysed this season (**Table A2 – page 44**).*

2.2 Paddy Cultivation Activity Area Survey

*From the Off Season 1998, Paddy Cultivation Activity Area Survey is carried out on a monthly census basis for all active Artificial Area Units (AAUs) in Peninsular Malaysia. During this season, the number of AAUs conducted for the census is 351 for areas with irrigation and 109 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 (**Table B5 – page 61**).*

Table 1: Samples Planned and Responded By Off Season, Peninsular Malaysia, 2010 - 2015 (Yield Survey)

Off Season	No. of Samples Planned	Responded	
		Number	Percentage
2010	*2,262*	*2,262*	*100*
2011	*2,265*	*2,265*	*100*
2012	*2,270*	*2,261*	*99*
2013	*2,211*	*2,211*	*100*
2014	*2,279*	*2,279*	*100*
2015	*2,262*	*2,262*	*100*

3. DATA PRESENTATION

Since the Off Season of 1994, several changes were made in the data contents presented in which data on Dryland Paddy had also been incorporated. These tables include data on yield, area planted 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 refer to* ***Wetland Paddy*** *only.*

The average yield of paddy is normally reported in three forms, that is, 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, 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 for the previous ten years are also included as Appendices (****Appendix 7 – page 107 to Appendix 48 – page 148****).*

4. RESULTS OF PADDY PRODUCTION SURVEY

4.1 Overall Yield of Paddy

*The average yield of paddy at national level for the Off Season 2015 was 4,702 kg/ha. This is an decreased by 2.5 percent compared to 4,823 kg/ha during the Off Season 2014. The overall planted paddy area was 265,931 ha, increase of 1.1 percent from 262,978 ha planted during the Off Season 2014 (**Table 2 – page 34**).*

*At Peninsular Malaysia's level, for the Off Season 2015, the average yield of paddy was 4,771 kg/ha with a planted area of 255,176 ha compared to 4,894 kg/ha planted on 249,940 ha during the Off Season 2014 (**Table 2 – page 34**).*

*The estimated paddy production for all states during the season was 1.250 million metric tonnes. The production from Peninsular Malaysia contributed 97.3 percent (1.218 million metric tonnes) to the overall national paddy production (**Table 2 – page 34**) while the contribution by the granary areas was 81.4 percent or 1.017 million metric tonnes of the total paddy production in Peninsular Malaysia **(Table B16 – page 78**).*

4.2 *Wetland Paddy*

*This is the primary paddy type planted in Malaysia. It comprises of different paddy varieties. The overall average yield of Wetland Paddy during the Off Season 2015 was 4,702 kg/ha with 265,931 ha planted area compared to 4,823 kg/ha with planted area of 262,978 ha in the same period of 2014 (**Table 2 – page 34**).*

4.2.1 Wetland Paddy in Peninsular Malaysia

*The average yield of Wetland Paddy was 4,771 kg/ha with planted area of 255,176 ha. This accounted 96.0 percent of the total planted paddy area in Malaysia (**Table 2 – page 34**). The total paddy parcel area registered for Peninsular Malaysia was 291,086 ha of which 87.6 percent was planted during this season (**Table B5 – page 61**).*

Table 2: Average Yield, Planted Area and Paddy Production of Wetland Paddy by Region and Off Season, Malaysia, 2013 - 2015

Kawasan	*Off Season 2015*			*Off Season 2014*			*Off Season 2013*		
	Yield (Kg/Ha)	*Area (Ha)*	*Production (Metric Tonnes)*	*Yield (Kg/Ha)*	*Area (Ha)*	*Production (Metric Tonnes)*	*Yield (Kg/Ha)*	*Area (Ha)*	*Production (Metric Tonnes)*
Sem. Malaysia	**4,771**	**255,176**	**1,217,543**	**4,894**	**249,940**	**1,223,256**	**4,847**	**236,044**	**1,144,021**
Sabah	**3,104**	**10,448**	**32,429**	**3,488**	**12,754**	**44,486**	**2,657**	**9,851**	**26,171**
Sarawak	**1,646**	**307**	**506**	**1,971**	**284**	**561**	**3,175**	**424**	**1,346**
Malaysia	**4,702**	**265,931**	**1,250,478**	**4,823**	**262,978**	**1,268,303**	**4,756**	**246,319**	**1,175,538**

*An analysis of the yield distribution reveals that 1,501 or 66.4 percent of the total samples show an average yield of more than 4 tonnes/ha. Of this, 213 samples had an average yield of more than 6 tonnes/ha (**Table B14 – page 76**).*

*In Peninsular Malaysia, Wetland Paddy is being cultivated in two types of paddy fields, those inside the irrigation schemes and those outside the irrigation schemes. During this season, 233,700 ha inside the irrigation schemes were planted giving an average yield of 4,842 kg/ha while 21,476 ha were planted outside the irrigation schemes with an average yield of 3,757 kg/ha (**Table B1 – page 45 and Table B5 – page 61**).*

*An analysis of the states' average yield of paddy (Peninsular Malaysia) shows that three states had a higher average yield than the Off Season 2014 (**Table 3 – page 35**).*

*The state of Selangor recorded the highest average yield of 6,492 kg/ha with a planted hectareage of 19,057 ha. This is followed by the state of Penang with an average yield of 5,959 kg/ha on a planted area of 12,782 ha while the state with the lowest average yield during this season was Pahang 2,173 kg/ha and a planted area of 1,381 ha (**Table 3 – page 35**).*

4.2.2 Wetland Paddy in Sabah and Sarawak

*The average yield of Wetland Paddy in Sabah for the Off Season 2015 was 3,104 kg/ha, decreased by 11.0 percent compared to 3,488 kg/ha recorded in the same period 2014. Planted area during the season was 10,448 ha, decreased by 18.1 percent when compared to the previous Off Season (**Table 3 – page 35**).*

*For the state of Sarawak, the average yield of Wetland Paddy was 1,646 kg/ha, an decreased by 16.5 percent compared to the average yield of 1,971 kg/ha during the same period of 2014. The planted area was 307 ha, increase of 8.10 percent compared to 284 ha in the year 2014 (**Table 3 – page 35**).*

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

State	Off Season 2015		Off Season 2014		Off Season 2013	
	Yield (Kg/Ha)	Area (Ha)	Yield (Kg/Ha)	Area (Ha)	Yield (Kg/Ha)	Area (Ha)
JOHOR	4,139	1,470	4,132	1,421	5,135	1,435
KEDAH	4,816	107,789	4,948	106,072	4,776	106,122
KELANTAN	4,199	32,390	4,125	29,866	3,803	15,534
MELAKA	3,300	1,381	2,994	1,370	3,085	1,359
N. SEMBILAN	4,354	917	4,453	910	4,031	924
PAHANG	2,173	4,957	3,325	4,529	3,513	4,402
PERAK	4,232	40,892	4,277	40,542	4,512	40,606
PERLIS	5,026	26,043	5,175	26,029	5,196	26,054
P. PINANG	5,959	12,782	6,052	12,782	5,772	12,782
SELANGOR	6,492	19,057	6,560	18,917	6,362	18,934
TERENGGANU	4,426	7,498	4,876	7,502	4,375	7,892
SEM. MALAYSIA	4,771	255,176	4,894	249,940	4,847	236,044
SABAH	3,104	10,448	3,488	12,754	2,657	9,851
SARAWAK	1,646	307	1,971	284	3,175	424
MALAYSIA	**4,702**	**265,931**	**4,823**	**262,978**	**4,756**	**246,319**

4.2.3 Wetland Paddy in the granary areas

*The average yield of Wetland Paddy in the eight granary areas was 5,042 kg/ha, decreased by 4.0 percent compared to the average yield of 5,253 kg/ha Off Season 2014. A total of 201,870 ha in the granary areas were planted with paddy, accounting for 79.1 percent of the total paddy hectareage planted in Peninsular Malaysia during the Off Season 2015. This season's total hectareage increase by 2.0 percent when compared to 197,856 ha planted in the previous Off Season 2014. IADA Barat Laut Selangor had highers average yield that was 6,492 kg/ha. (**Table 3 – page 35 and Table 4 – page 36**).*

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

Granary Area	Off Season 2015		Off Season 2014		Off Season 2013	
	Yield (Kg/Ha)	Area (Ha)	Yield (Kg/Ha)	Area (Ha)	Yield (Kg/Ha)	Area (Ha)
MADA	5,283	96,054	5,542	95,348	5,566	95,366
KADA	4,292	26,343	4,188	25,139	3,856	12,362
IADA KERIAN	4,515	20,972	4,633	20,972	4,655	20,972
IADA BLS	6,492	19,057	6,560	18,917	6,362	18,934
IADA P.PINANG	5,959	12,782	6,052	12,782	5,864	10,305
IADA SEBERANG PERAK	4,024	13,866	4,334	13,791	4,613	13,843
IADA KETARA	5,069	4,876	5,480	4,876	5,506	4,876
IADA KEM SEMERAK	3,610	2,633	3,422	1,749	3,180	748
IADA PEKAN	2,227	2,202	3,515	1,707	-	-
IADA ROMPIN	2,094	2,635	3,301	2,575	-	-
Jumlah	**5,042**	**201,870**	**5,253**	**197,856**	**5,355**	**177,406**

*An analysis of the yield distribution table reveals that 1,306 or 82.1 percent of the total samples in the granary areas had an average yield of more than 4 tonnes/ha and of this, 189 samples had obtained an average yield of more than 6 tonnes/ha (**Table B15 – page 77**).*

*KADA and IADA Kemasin Semerak had recorded a higher average yield of paddy when compared to the Off Season 2014 (**Table 4 – page 36**).*
The following are comments for each of the granary areas:-

i. MADA

*The average yield of paddy in MADA was 5,283 kg/ha, decreased by 4.7 percent when compared to the previous Off Season 2014 (**Table 4 – page 36**). A total of 662 or 98.1 percent of the samples in MADA had shown an average yield of more than 4 tonnes/ha and of this, 68 samples had an average yield of 6 – 8 tonnes/ha (**Table B15 – page 77**). Area planted during the season was 96,504 ha compared to 95,348ha during the previous Off Season 2014 **(Table 4 – page 36**).*

ii. KADA

*KADA had an average yield of 4,292 kg/ha of paddy, an increase of 2.5 percent when compared to the Off Season 2014 (**Table 4 – page 36**). The average yield distribution analysis shows that 173 samples (63.4%) had an average yield of more than 4 tonnes/ha and of this, 3 samples had an average yield of more than 6 tonnes/ha **(Table B15 – page 77**). The area planted with paddy, an increase of 4.8 percent to 26,343 ha when compared to the previous Off Season 2014 figure of 25,139 ha (**Table 4 – page 36**).*

iii. IADA Kerian

*The average yield of paddy in IADA Kerian was 4,515 kg/ha, decreased by 2.5 percent when compared to 4,633 kg/ha of the previous Off Season 2014 (**Table 4 – page 36**). An analysis of the average yield distribution shows that 136 or 87.2 percent of the samples had an average yield of more than 4 tonnes/ha and of this, 3 sample had an average yield of more than 6 tonnes/ha **(Table B15 – page 77**).The planted area during the season was 20,972 ha, same figure as the previous Off Season 2014 (**Table 4 – page 36**).*

iv. IADA BLS

IADA BLS had an average yield of 6,492 kg/ha of paddy, decreased by 1.0

*percent when compared to 6,560 kg/ha of the previous Off Season (**Table 4 – page 36**). It was found that 109 or 99.1 percent of the samples in the project had an average yield of more than 4 tonnes/ha and of this, 54 samples had an average yield of 6 - 8 tonnes/ha and 18 samples had an average of more than 8 tonnes/ha (**Table B15 – page 77**). The area planted with paddy was 19,057 ha, an increase of 0.7 percent compared to 18,917 ha of the previous Off Season 2014 (**Table 4 – page 36**).*

v. IADA P. Pinang

*IADA P. Pinang had an average yield of 5,959 kg/ha of paddy, decreased by 1.5 percent this season compared to 6,052 kg/ha achieved during the previous Off Season (**Table 4 – page 36**). The average yield distribution reveals that 109 or 98.2 percent of the samples had an average yield of more than 4 tonnes/ha and of this, 30 samples had an average yield of 6 – 8 tonnes/ha and 4 samples had more than 8 tonnes/ha (**Table B15 – page 77**). The planted area this season was 12,782 ha, same figure as the previous Off Season 2014 (**Table 4 – page 36**).*

vi. IADA Seberang Perak

*IADA Seberang Perak had achieved an average yield of 4,024 kg/ha of paddy during the season, decreased by 7.2 percent when compared to the average yield of 4,334 kg/ha in the Off Season 2014 (**Table 4 – page 36**). From the average yield distribution, it was shown that 35 samples had an average yield of more than 4 tonnes/ha and 62 samples had average yield below 4 tonnes/ha (**Table B15 – page 77**). The total area planted with paddy this season amounted to 13,866 ha, compared to 13,791 ha during the previous Off Season 2014 (**Table 4 – page 36**).*

*Paddy planting area in this project is split into blocks, that is, Block by the Public and Block by FELCRA. An average paddy yield of 4,509 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 4,428 kg/ha planted with an area of 5,219 ha (**Table B12 – page 74**).*

vii. IADA KETARA

*IADA KETARA had produced an average yield of 5,069 kg/ha of paddy, decreased by 7.5 percent over the previous Off Season's average yield of 5,480 kg/ha (**Table 4 – page 36**). From the samples surveyed, 58 or 95.1 percent had obtained an average yield of more than 4 tonnes/ha and of this, 9 samples had an average yield of more than 6 tonnes/ha (**Table B15 – page 77**). The area planted with paddy was 4,876 ha. (**Table 4 – page 36**).*

viii. IADA Kemasin Semerak

*An average paddy yield of 3,610 kg/ha was produced by IADA Kemasin Semerak this season, an increase of 5.5 percent to the previous Off Season's average yield of 3,422 kg/ha (**Table 4 – page 36**). An analysis of the average yield distribution shows that 20 samples had achieved more than 4 tonnes/ha (**Table B15 – page 77**). The total area planted was 2,633 ha compared to 1,749 ha planted during the Off Season 2014 (**Table 4 – page 36**).*

ix. IADA Pekan

*The average yield of paddy in IADA Pekan was 2,227 kg/ha, decreased by 36.6 percent when compared to the previous Off Season 2014 (**Table 4 – page 36**). A total of 3 or 6.7 percent of the samples had shown an average yield of more than 4 tonnes/ha (**Table B15 – page 77**). Area planted during the season was 2,202 ha compared to 1,707 ha during the previous Off Season 2014 (**Table 4 – page 36**).*

x. IADA Rompin

*The average yield of paddy in IADA Rompin was 2,094 kg/ha, decreased by 36.6 percent when compared to the previous Off Season 2014 (**Table 4 – page 36**). A total of 1 or 8.3 percent of the samples had shown an average yield of more than 4 tonnes/ha (**Table B15 – page 77**). Area planted during the season was 2,575 ha compared to 3,301 ha during the previous Off Season 2014 (**Table 4 – page 37)**.*

4.3 Dryland Paddy

The Dryland Paddy includes those planted in the highland and lowland. This type of paddy is not planted during the Off Season.

5. SEEDING RATE

*The average seeding rates of paddy in Peninsular Malaysia by various methods of planting were 82 kg/ha for manual, 99 kg/ha for transplanting, 135 kg/ha for broadcasting (puddled field), 131 kg/ha for broadcasting (dry field) and 150 kg/ha for broadcasting in water field (**Table C7 – page 91**).*

*In the granary areas, the average seeding rates according to the methods of planting were 74 kg/ha for manual, 101 kg/ha for transplanting, 142 kg/ha for broadcasting (puddled field), 140 kg/ha for broadcasting (dry field) and 148 kg/ha for broadcasting in water field (**Table C8 – page 92**).*

6. DISTRIBUTION AND POTENTIAL YIELD OF PADDY VARIETIES

*In Peninsular Malaysia, three paddy varieties were frequently planted during this season, that is, MR 220 CL2 (58.8%), MR 263 (20.7%) and MR 219 (9.8%). Other varieties were also planted by paddy farmers but were in very small percentages. (**Table C1 – page 83**).*

*In the granary areas, the percentage of variety MR 220 CL2 had exceeded other varieties, that is, 72.6% followed by variety MR 263 (19.7%) and MR 269 (3.3%) (**Table C2 – page 85**).*

*It is seen in (**Table C3 – page 87**) from the two most popular varieties planted, the average yield of MR 220 CL2 this season was 4,662 kg/ha while MR 263 produced an average yield of 4,102 kg/ha. The highest yield attained by MR 220 CL2 and MR 263 were 10,520 kg/ha and 8,261 kg/ha respectively.*

7. MECHANISATION

*In respect of mechanised usage in paddy planting activities in Peninsular Malaysia, 100.0 percent of the samples had mechanised their activities during land preparation, 1.8 percent for transplanter, 89.4 percent for seed sowing, 83.6 percent for manuring, 89.2 percent for chemical spraying and 99.9 percent for paddy harvesting (**Table C9 – page 93**).*

*In the granary areas, mechanisation was more widely used, such as, 100.0 percent for land preparation, 2.2 percent for transplanter, 89.9 percent for seed sowing, 89.9 percent percent for manuring, 93.8 percent for chemical spraying and 100.0 for paddy harvesting (**Table C10 – page 94**).*

8. RESULTS OF DRIAGE TESTS

8.1 Response Rate

*A total of 1,092 samples was planned for the driage tests in Peninsular Malaysia during this Off Season. The response rate was 100% which all 1,092 samples could be analysed compared to 1,174 samples (99.4%) during the Off Season 2014. The driage tests conducted at the 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 yield. (**Table D1 – page 96**).*

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

i. Peninsular Malaysia

A sample of 1,000 gm 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 14% Moisture Content) were obtained from the respective state and granary area. 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 0.871 and 0.809 respectively (**Table D2 – page 97**).*

*For the granary areas, the average dried weight and the average cleaned weight were 0.870 and 0.814 respectively (**Table D3 – page 98**). The trend for the factors of dried and cleaned paddy by state and granary areas are shown in **Appendices 50 and 51 – pages 150 and 151** respectively.*

*The percentage of overall unfilled grain this season was 8.7 percent compared to the previous Off Season's percentage of 7.6 percent (**Appendix 50 – page 150**). For the granary areas, the percentage of overall unfilled grain this season was 8.5 percent compared to 6.7 percent during the Off Season 2014 (**Appendix 51 – page 151**).*

ii. Sabah

*The state of Sabah the factor of dried and cleaned paddy was 0.931 and 0.815 (**Appendix 50 – page 150**).*

iii. Sarawak

*For the state of Sarawak, the factors of dried paddy and cleaned paddy obtained is, 0.940 and 0.881 respectively. The percentage of unfilled grain was 5.9 percent (**Appendix 50 –page 150**).*

JADUAL-JADUAL PENYIASATAN PENGELUARAN PADI (Padi Sawah)

Table on Paddy Production Survey (Wetland Paddy)

JABATAN PERTANIAN

SAMBUTAN

Response

JABATAN PERTANIAN

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

Table A1: Number of sample (lots) planned, responded and conducted by state, Malaysia, Off Season 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	102	102	100.0	-	3	99
SARAWAK *	-	-	-	-	-	-
MALAYSIA	2,364	2,364	100.0	0	3	2,361

Catatan: * **Penyiasatan sampel tidak dijalankan.**
Notes: *Sample survey was not conducted.*

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

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

HASIL, KELUASAN DAN PENGELUARAN

Yield, Hectareage and Production

JABATAN PERTANIAN

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

Table B1: Average yield of wet, dried and cleaned paddy by state, area type and Relative Standard Error, Malaysia, Off Season 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	4,831	4,831	-	4,415	4,415	-	4,139	4,139	-	2.7	2.7	-
KEDAH	6,028	6,205	4,619	5,302	5,458	4,063	4,816	4,957	3,690	0.6	0.5	2.7
KELANTAN	5,017	5,036	4,225	4,523	4,540	3,809	4,199	4,216	3,537	0.8	0.8	3.2
MELAKA	3,845	4,195	3,419	3,416	3,727	3,037	3,300	3,600	2,934	1.3	1.8	1.7
N. SEMBILAN	5,074	5,074	-	4,404	4,404	-	4,354	4,354	-	2.0	2.0	-
PAHANG	3,014	3,014	-	2,538	2,538	-	2,173	2,173	-	7.0	7.0	-
PERAK	5,635	5,641	2,917	4,801	4,806	2,485	4,232	4,236	2,190	0.9	0.9	3.5
PERLIS	6,032	6,178	5,134	5,165	5,290	4,396	5,026	5,148	4,278	2.4	2.4	9.9
PULAU PINANG	6,944	6,944	-	6,070	6,070	-	5,959	5,959	-	1.1	1.1	-
SELANGOR	7,796	7,796	-	6,594	6,594	-	6,492	6,492	-	1.8	1.8	-
TERENGGANU	5,756	5,756	-	4,807	4,807	-	4,426	4,426	-	1.7	3.2	-
SEM. MALAYSIA *Pen. Malaysia*	5,926	6,014	4,651	5,157	5,231	4,075	4,771	4,841	3,757	0.6	0.6	3.2
SABAH	3,808	-	-	3,546	-	-	3,104	-	-	-	-	-
SARAWAK	-	-	-	-	-	-	1,646	-	-	-	-	-
MALAYSIA	5,926*	6,014*	4,651*	5,157*	5,231*	4,075*	4,702	4,841*	3,757*	0.6*	0.6*	3.2*

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, LUAR MUSIM 2015

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

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)
JOHOR	**4,831**	**4,831**	**-**	**-**	**4,831**	**4,831**	**-**
1. Batu Pahat	3,383	3,383	-	-	3,383	3,383	-
2. Kluang	5,833	5,833	-	-	5,833	5,833	-
3. Mersing	4,025	4,025	-	-	4,025	4,025	-
4. Ledang	6,061	6,061	-	-	6,061	6,061	-
5. Muar	3,783	3,783	-	-	3,783	3,783	-
KEDAH	**6,028**	**6,205**	**4,619**	**6,257**	**4,667**	**4,725**	**4,619**
1. Baling	3,501	4,119	2,936	-	3,501	4,119	2,936
2. Bandar Bharu	5,257	5,257	-	-	5,257	5,257	-
3. Kota Setar	4,102	4,624	4,003	-	4,102	4,624	4,003
4. Kuala Muda	4,703	5,015	4,050	-	4,703	5,015	4,050
5. Kubang Pasu	4,442	4,203	4,699	-	4,442	4,203	4,699
6. Kulim	4,709	4,709	-	-	4,709	4,709	-
7. Langkawi	4,448	4,811	3,847	-	4,448	4,811	3,847
8. Padang Terap	5,881	5,054	5,963	-	5,881	5,054	5,963
9. Pendang	4,812	5,309	4,666	-	4,812	5,309	4,666
10. Sik	5,172	5,309	4,917	-	5,172	5,309	4,917
11. Yan	3,806	3,592	4,318	-	3,806	3,592	4,318
12. MADA Wilayah II	6,382	6,382	-	6,382	-	-	-
13. MADA Wilayah III	6,086	6,086	-	6,086	-	-	-
14. MADA Wilayah IV	6,247	6,247	-	6,247	-	-	-
KELANTAN	**5,017**	**5,036**	**4,225**	**5,072**	**4,548**	**4,644**	**4,225**
1. Bachok	4,889	4,889	-	4,990 *	-	-	-
				4,305 **			
2. Jeli	6,975	6,975	-	-	6,975	6,975	-
3. Kota Bharu	5,036	5,037	3,922	5,034 *	5,580	6,408	3,922
4. Kuala Krai	-	-	-	-	-	-	-
5. Machang	4,897	5,099	4,287	-	4,897	5,099	4,287
6. Pasir Mas	4,925	4,925	-	5,026 *	4,008	4,008	-
7. Pasir Puteh	5,168	5,177	3,560	5,690 *	3,853	4,011	3,560
				4,135 **			
8. Tanah Merah	3,999	4,000	3,997	-	3,999	4,000	3,997
9. Tumpat	5,275	5,341	4,280	5,418 *	4,397	4,491	4,280

* 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, LUAR MUSIM 2015 (SAMB.)

Table B2: Average yield of wet paddy by state, district and area type, Malaysia, Off Season 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	3,845	4,195	3,419	-	3,845	4,195	3,419
1. Alor Gajah	3,888	3,888	-	-	3,888	3,888	-
2. Jasin	3,404	4,655	1,726	-	3,404	4,655	1,726
3. Melaka Tengah	4,067	4,060	4,071	-	4,067	4,060	4,071
N. SEMBILAN	5,074	5,074	-	-	5,074	5,074	-
1. Jelebu	8,500	8,500	-	-	8,500	8,500	-
2. Jempol	4,100	4,100	-	-	4,100	4,100	-
3. Kuala Pilah	4,217	4,217	-	-	4,217	4,217	-
4. Rembau	4,983	4,983	-	-	4,983	4,983	-
5. Tampin	4,617	4,617	-	-	4,617	4,617	-
PAHANG	3,014	3,014	-	2,980	4,362	4,362	-
1. Jerantut	-	-	-	-	-	-	-
2. Kuantan	3,946	3,946	-	-	3,946	3,946	-
3. Maran	4,621	4,621	-	-	4,621	4,621	-
4. Pekan	3,106	3,106	-	3,106 ***	-	-	-
5. Rompin	2,875	2,875	-	2,875 ****	-	-	-
PERAK	5,635	5,641	2,917	5,608	5,793	5,834	2,917
1. Larut Matang & Selama	3,560	3,652	2,917	-	3,560	3,652	2,917
2. Kerian	5,616	5,616	-	5,616 *	-	-	-
3. Kuala Kangsar	4,826	4,826	-	-	4,826	4,826	-
4. Hilir Perak	5,361	5,361	-	4,722 **	7,319	7,319	-
5. Perak Tengah	6,000	6,000	-	6,191 **	5,501	5,501	-

*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, LUAR MUSIM 2015 (SAMB.)

Table B2: Average yield of wet paddy by state, district and area type, Malaysia, Off Season 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)
PERLIS	**6,032**	**6,178**	**5,134**	**6,386**	**5,137**	**5,139**	**5,134**
1. MADA Wilayah I	6,386	6,386	-	6,386	-	-	-
2. Perlis (L/MADA)	5,137	5,139	5,134	-	5,137	5,139	5,134
PULAU PINANG	**6,944**	**6,944**	**-**	**6,944**	**-**	**-**	**-**
1. Barat Daya	6,374	6,374	-	6,374	-	-	-
2. Seb. P. Tengah	6,559	6,559	-	6,559	-	-	-
3. Seb. P. Utara	7,136	7,136	-	7,136	-	-	-
4. Seb. P. Selatan	6,604	6,604	-	6,604	-	-	-
SELANGOR	**7,796**	**7,796**	**-**	**7,796**	**-**	**-**	**-**
1. Kuala Selangor	7,742	7,742	-	7,742	-	-	-
2. Sabak Bernam	7,819	7,819	-	7,819	-	-	-
TERENGGANU	**5,756**	**5,756**	**-**	**6,513**	**4,411**	**4,411**	**-**
1. Besut	6,113	6,113	-	6,513	4,593	4,593	-
2. Dungun	3,923	3,923	-	-	3,923	3,923	-
3. H. Terengganu	3,867	3,867	-	-	3,867	3,867	-
4. K. Terengganu	4,180	4,180	-	-	4,180	4,180	-
5. Kemaman	3,925	3,925	-	-	3,925	3,925	-
6. Marang	-	-	-	-	-	-	-
7. Setiu	4,371	4,371	-	-	4,371	4,371	-
SEM. MALAYSIA *Pen. Malaysia*	**5,926**	**6,014**	**4,651**	**6,103**	**4,829**	**4,950**	**4,651**

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, LUAR MUSIM 2015 (SAMB.)

Table B2: Average yield of wet paddy by state, district and area type, Malaysia, Off Season 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	3,808	-	-	-	-	-	-
1. Beaufort	4,092	-	-	-	-	-	-
2. Keningau	4,475	-	-	-	-	-	-
3. Kota Belud	3,710	-	-	-	-	-	-
4. Kota Kinabalu	-	-	-	-	-	-	-
5. Kota Marudu	3,767	-	-	-	-	-	-
6. Kuala Penyu	-	-	-	-	-	-	-
7. Kudat	-	-	-	-	-	-	-
8. Papar	4,850	-	-	-	-	-	-
9. Penampang	4,850	-	-	-	-	-	-
10. Pitas	4,100	-	-	-	-	-	-
11. Ranau	-	-	-	-	-	-	-
12. Sipitang	4,797	-	-	-	-	-	-
13. Tambunan	4,167	-	-	-	-	-	-
14. Tenom	1,210	-	-	-	-	-	-
15. Tuaran	4,017	-	-	-	-	-	-
16. Beluran	2,693	-	-	-	-	-	-
17. Tawau	6,425						
18. Lain-lain Daerah	-	-	-	-	-	-	-
SARAWAK	-	-	-	-	-	-	-
1. Siburan	1,901	-	-	-	-	-	-
2. Kuching	-	-	-	-	-	-	-
3. Bau	-	-	-	-	-	-	-
4. Lundu	1,837	-	-	-	-	-	-
5. Sri Aman	-	-	-	-	-	-	-
6. Pantu	-	-	-	-	-	-	-
7. Lubok Antu	-	-	-	-	-	-	-

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, LUAR MUSIM 2015 (SAMB.)

Table B2: Average yield of wet paddy by state, district and area type, Malaysia, Off Season 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	-	-	-	-	-	-	-
8. Sibu	-	-	-	-	-	-	-
9. Kanowit	-	-	-	-	-	-	-
10. Selangau	-	-	-	-	-	-	-
11. Miri	-	-	-	-	-	-	-
12. Marudi	-	-	-	-	-	-	-
13. Limbang	-	-	-	-	-	-	-
14 Lawas	-	-	-	-	-	-	-
15. Sarikei	-	-	-	-	-	-	-
16. Maradong	-	-	-	-	-	-	-
17. Julau	-	-	-	-	-	-	-
18. Pakan	-	-	-	-	-	-	-
19. Kapit	-	-	-	-	-	-	-
20. Song	-	-	-	-	-	-	-
21. Belaga	-	-	-	-	-	-	-
22. Samarahan	-	-	-	-	-	-	-
23. Serian	-	-	-	-	-	-	-
24. Simunjan	2,382	-	-	-	-	-	-
25. Asajaya	-	-	-	-	-	-	-
26. Tatau	-	-	-	-	-	-	-
27. Mukah	-	-	-	-	-	-	-
28. Dalat	-	-	-	-	-	-	-
29. Daro	-	-	-	-	-	-	-
30. Matu	-	-	-	-	-	-	-
31. Saribas	-	-	-	-	-	-	-
32. Kalaka	-	-	-	-	-	-	-
MALAYSIA	**5,926***	**6,014***	**4,651***	**6,103***	**4,829***	**4,950***	**4,651***

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, LUAR MUSIM 2015

Table B3: Average yield of dried paddy by state, district and area type, Malaysia, Off Season 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	**4,415**	**4,415**	**-**	**-**	**4,415**	**4,415**	**-**
1. Batu Pahat	3,092	3,092	-	-	3,092	3,092	-
2. Kluang	5,331	5,331	-	-	5,331	5,331	-
3. Mersing	3,679	3,679	-	-	3,679	3,679	-
4. Ledang	5,539	5,539	-	-	5,539	5,539	-
5. Muar	3,458	3,458	-	-	3,458	3,458	-
KEDAH	**5,302**	**5,458**	**4,063**	**5,538**	**4,105**	**4,156**	**4,063**
1. Baling	3,079	3,623	2,582	-	3,079	3,623	2,582
2. Bandar Bharu	4,624	4,624	-	-	4,624	4,624	-
3. Kota Setar	3,608	4,068	3,521	-	3,608	4,068	3,521
4. Kuala Muda	4,136	4,411	3,562	-	4,136	4,411	3,562
5. Kubang Pasu	3,907	3,697	4,133	-	3,907	3,697	4,133
6. Kulim	4,142	4,142	-	-	4,142	4,142	-
7. Langkawi	3,913	4,231	3,384	-	3,913	4,231	3,384
8. Padang Terap	5,173	4,445	5,245	-	5,173	4,445	5,245
9. Pendang	4,233	4,670	4,104	-	4,233	4,670	4,104
10. Sik	4,549	4,670	4,325	-	4,549	4,670	4,325
11. Yan	3,348	3,160	3,798	-	3,348	3,160	3,798
12. MADA Wilayah II	5,648	5,648	-	5,648	-	-	-
13. MADA Wilayah III	5,386	5,386	-	5,386	-	-	-
14. MADA Wilayah IV	5,528	5,528	-	5,528	-	-	-
KELANTAN	**4,523**	**4,540**	**3,809**	**4,542**	**4,100**	**4,187**	**3,809**
1. Bachok	4,407	4,407	-	4,460 *	-	-	-
				3,944 **			
2. Jeli	6,288	6,288	-	-	6,288	6,288	-
3. Kota Bharu	4,540	4,541	3,536	4,499 *	5,030	5,777	3,536
4. Kuala Krai	-	-	-	-	-	-	-
5. Machang	4,415	4,597	3,865	-	4,415	4,597	3,865
6. Pasir Mas	4,440	4,440	-	4,492 *	3,614	3,614	-
7. Pasir Puteh	4,659	4,667	3,209	5,085 *	3,474	3,616	3,209
				3,789 **			
8. Tanah Merah	3,605	3,606	3,603	-	3,605	3,606	3,603
9. Tumpat	4,755	4,815	3,859	4,842 *	3,964	4,049	3,859

* 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, LUAR MUSIM 2015 (SAMB.)

Table B3: Average yield of dried paddy by state, district and area type, Malaysia, Off Season 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	**3,416**	**3,727**	**3,037**	**-**	**3,416**	**3,727**	**3,037**
1. Alor Gajah	3,455	3,455	-	-	3,455	3,455	-
2. Jasin	3,024	4,135	1,533	-	3,024	4,135	1,533
3. Melaka Tengah	3,613	3,607	3,617	-	3,613	3,607	3,617
N. SEMBILAN	**4,404**	**4,404**	**-**	**-**	**4,404**	**4,404**	**-**
1. Jelebu	7,378	7,378	-	-	7,378	7,378	-
2. Jempol	3,559	3,559	-	-	3,559	3,559	-
3. Kuala Pilah	3,660	3,660	-	-	3,660	3,660	-
4. Rembau	4,345	4,326	-	-	4,345	4,326	-
5. Tampin	4,007	4,007	-	-	4,007	4,007	-
PAHANG	**2,538**	**2,538**	**-**	**2,562**	**3,673**	**3,673**	**-**
1. Jerantut	-	-	-	-	-	-	-
2. Kuantan	3,323	3,323	-	-	3,323	3,323	-
3. Maran	3,891	3,891	-	-	3,891	3,891	-
4. Pekan	2,603	2,603	-	2,603 ***	-	-	-
5. Rompin	2,528	2,528	-	2,528 ****	-	-	-
PERAK	**4,801**	**4,806**	**2,485**	**4,817**	**4,936**	**4,970**	**2,485**
1. Larut Matang & Selama	3,033	3,111	2,485	-	3,033	3,111	2,485
2. Kerian	4,846	4,846	-	4,846 *	-	-	-
3. Kuala Kangsar	4,112	4,112	-	-	4,112	4,112	-
4. Hilir Perak	4,568	4,568	-	4,028 **	6,236	6,236	-
5. Perak Tengah	5,112	5,112	-	5,281 **	4,687	4,687	-

*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: HASIL PURATA PADI KERING MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, LUAR MUSIM 2015 (SAMB.)

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

NEGERI/DAERAH *State/District*	HASIL PURATA 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)
PERLIS	**5,165**	**5,290**	**4,396**	**5,620**	**4,398**	**4,400**	**4,396**
1. MADA Wilayah I	5,620	5,620	-	5,620	-	-	-
2. Perlis (L/MADA)	4,398	4,400	4,396	-	4,398	4,400	4,396
PULAU PINANG	**6,070**	**6,070**	**-**	**6,070**	**-**	**-**	**-**
1. Barat Daya	5,572	5,572	-	5,572	-	-	-
2. Seb. P. Tengah	5,734	5,734	-	5,734	-	-	-
3. Seb. P. Utara	6,238	6,238	-	6,238	-	-	-
4. Seb. P. Selatan	5,773	5,773	-	5,773	-	-	-
SELANGOR	**6,594**	**6,594**	**-**	**6,594**	**-**	**-**	**-**
1. Kuala Selangor	6,547	6,547	-	6,547	-	-	-
2. Sabak Bernam	6,613	6,613	-	6,613	-	-	-
TERENGGANU	**4,807**	**4,807**	**-**	**5,427**	**3,683**	**3,683**	**-**
1. Besut	5,105	5,105	-	5,427	3,836	3,836	-
2. Dungun	3,276	3,276	-	-	3,276	3,276	-
3. H. Terengganu	3,230	3,230	-	-	3,230	3,230	-
4. K. Terengganu	3,491	3,491	-	-	3,491	3,491	-
5. Kemaman	3,278	3,278	-	-	3,278	3,278	-
6. Marang	-	-	-	-	-	-	-
7. Setiu	3,650	3,650	-	-	3,650	3,650	-
SEM. MALAYSIA *Pen. Malaysia*	**5,157**	**5,231**	**4,075**	**5,338**	**4,214**	**4,308**	**4,075**

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, LUAR MUSIM 2015 (SAMB.)

Table B3: Average yield of dried paddy by state, district and area type, Malaysia, Off Season 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)
SABAH	3,546	-	-	-	-	-	-
1. Beaufort	3,478	-	-	-	-	-	-
2. Keningau	3,992	-	-	-	-	-	-
3. Kota Belud	3,294	-	-	-	-	-	-
4. Kota Kinabalu	-	-	-	-	-	-	-
5. Kota Marudu	3,695	-	-	-	-	-	-
6. Kuala Penyu	-	-	-	-	-	-	-
7. Kudat	-	-	-	-	-	-	-
8. Papar	4,608	-	-	-	-	-	-
9. Penampang	4,608	-	-	-	-	-	-
10. Pitas	4,034	-	-	-	-	-	-
11. Ranau	-	-	-	-	-	-	-
12. Sipitang	4,336	-	-	-	-	-	-
13. Tambunan	3,879	-	-	-	-	-	-
14. Tenom	1,123	-	-	-	-	-	-
15. Tuaran	3,623	-	-	-	-	-	-
16. Beluran	2,626	-	-	-	-	-	-
17. Tawau	6,213						
18. Lain-lain Daerah	-	-	-	-	-	-	-
SARAWAK	-	-	-	-	-	-	-
1. Siburan	1,776	-	-	-	-	-	-
2. Kuching	-	-	-	-	-	-	-
3. Bau	-	-	-	-	-	-	-
4. Lundu	1,741	-	-	-	-	-	-
5. Sri Aman	-	-	-	-	-	-	-
6. Pantu	-	-	-	-	-	-	-
7. Lubok Antu	-	-	-	-	-	-	-

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, LUAR MUSIM 2015 (SAMB.)

Table B3: Average yield of dried paddy by state, district and area type, Malaysia, Off Season 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	-	-	-	-	-	-	-
8. Sibu	-	-	-	-	-	-	-
9. Kanowit	-	-	-	-	-	-	-
10. Selangau	-	-	-	-	-	-	-
11. Miri	-	-	-	-	-	-	-
12. Marudi	-	-	-	-	-	-	-
13. Limbang	-	-	-	-	-	-	-
14 Lawas	-	-	-	-	-	-	-
15. Sarikei	-	-	-	-	-	-	-
16. Maradong	-	-	-	-	-	-	-
17. Julau	-	-	-	-	-	-	-
18. Pakan	-	-	-	-	-	-	-
19. Kapit	-	-	-	-	-	-	-
20. Song	-	-	-	-	-	-	-
21. Belaga	-	-	-	-	-	-	-
22. Samarahan	-	-	-	-	-	-	-
23. Serian	-	-	-	-	-	-	-
24. Simunjan	2,249	-	-	-	-	-	-
25. Asajaya	-	-	-	-	-	-	-
26. Tatau	-	-	-	-	-	-	-
27. Mukah	-	-	-	-	-	-	-
28. Dalat	-	-	-	-	-	-	-
29. Daro	-	-	-	-	-	-	-
30. Matu	-	-	-	-	-	-	-
31. Saribas	-	-	-	-	-	-	-
32. Kalaka	-	-	-	-	-	-	-
MALAYSIA	**5,157***	**5,231***	**4,075***	**5,338***	**4,214***	**4,308***	**4,075***

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, LUAR MUSIM 2015

Table B4: Average yield of cleaned paddy by state, district and area type, Malaysia, Off Season 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	**4,139**	**4,139**	**-**	**-**	**4,139**	**4,139**	**-**	**2.7**
1. Batu Pahat	2,899	2,899	-	-	2,899	2,899	-	5.6
2. Kluang	4,998	4,998	-	-	4,998	4,998	-	6.4
3. Mersing	3,448	3,448	-	-	3,448	3,448	-	1.3
4. Ledang	5,193	5,193	-		5,193	5,193	-	4.8
5. Muar	3,241	3,241	-	-	3,241	3,241	-	5.8
KEDAH	**4,816**	**4,957**	**3,690**	**5,250**	**3,229**	**3,775**	**3,690**	**0.6**
1. Baling	2,797	3,290	2,345	-	2,797	3,290	2,345	5.0
2. Bandar Baru	4,200	4,200	-	-	4,200	4,200	-	3.7
3. Kota Setar	3,277	3,694	3,198	-	3,277	3,694	3,198	4.8
4. Kuala Muda	3,757	4,007	3,235	-	3,757	4,007	3,235	6.9
5. Kubang Pasu	3,549	3,357	3,754	-	3,549	3,357	3,754	6.1
6. Kulim	3,762	3,762	-	-	3,762	3,762	-	2.3
7. Langkawi	3,554	3,843	3,073	-	3,554	3,843	3,073	6.5
8. Padang Terap	4,698	4,038	4,764	-	4,698	4,038	4,764	3.0
9. Pendang	3,844	4,242	3,727	-	3,844	4,242	3,727	3.8
10. Sik	4,132	4,242	3,928	-	4,132	4,242	3,928	3.3
11. Yan	3,041	2,870	3,450	-	3,041	2,870	3,450	5.3
12. MADA Wilayah II	5,354	5,354	-	5,354	-	-	-	0.6
13. MADA Wilayah III	5,106	5,106	-	5,106	-	-	-	0.5
14. MADA Wilayah IV	5,241	5,241	-	5,241	-	-	-	0.5
KELANTAN	**4,199**	**4,216**	**3,537**	**4,230**	**3,807**	**3,887**	**3,537**	**0.8**
1. Bachok	4,092	4,092	-	4,152 *	-	-	-	1.8
				3,703 **				
2. Jeli	5,838	5,838	-	-	5,838	5,838	-	3.7
3. Kota Bharu	4,215	4,216	3,283	4,188 *	4,670	5,364	3,283	1.4
4. Kuala Krai	-	-	-	-	-	-	-	-
5. Machang	4,099	4,268	3,588	-	4,099	4,268	3,588	5.1
6. Pasir Mas	4,122	4,122	-	4,181 *	3,355	3,355	-	1.4
7. Pasir Puteh	4,326	4,333	2,980	4,733 *	3,225	3,357	2,980	2.5
				3,557 **				
8. Tanah Merah	3,603	3,348	3,346	-	3,348	3,348	3,346	2.6
9. Tumpat	4,415	4,471	3,583	4,507 *	3,681	3,759	3,583	1.1

* 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, LUAR MUSIM 2015 (SAMB.)

Table B4: Average yield of cleaned paddy by state, district and area type, Malaysia, Off Season 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)
MELAKA	**3,300**	**3,600**	**2,934**	**-**	**3,300**	**3,600**	**2,934**	**1.3**
1. Alor Gajah	3,337	3,337	-	-	3,337	3,337	-	6.0
2. Jasin	2,921	3,995	1,481	-	2,921	3,995	1,481	3.3
3. Melaka Tengah	3,490	3,485	3,494	-	3,490	3,485	3,494	0.6
N. SEMBILAN	**4,354**	**4,354**	**-**	**-**	**4,354**	**4,354**	**-**	**2.0**
1. Jelebu	7,251	7,293	-	-	7,251	7,293	-	3.4
2. Jempol	3,497	3,518	-	-	3,497	3,518	-	1.6
3. Kuala Pilah	3,787	3,618	-	-	3,787	3,618	-	3.6
4. Rembau	4,250	4,276	-	-	4,250	4,276	-	4.1
5. Tampin	3,961	3,961	-	-	3,938	3,961	-	0.7
PAHANG	**2,173**	**2,173**	**-**	**2,155**	**3,146**	**3,146**	**-**	**7.0**
1. Jerantut	-	-	-	-	-	-	-	-
2. Kuantan	2,846	2,846	-	-	2,846	2,846	-	4.9
3. Maran	3,322	3,322	-	-	3,322	3,322	-	3.8
4. Pekan	2,227	2,227	-	2,227 ***	-	-	-	11.7
5. Rompin	2,094	2,094	-	2,094 ****	-	-	-	8.9
PERAK	**4,232**	**4,236**	**2,190**	**4,321**	**4,351**	**4,381**	**2,190**	**0.9**
1. Larut Matang & Selama	2,673	2,743	2,190	-	2,673	2,743	2,190	2.0
2. Kerian	4,515	4,515	-	4,515 *	-	-	-	0.8
3. Kuala Kangsar	3,624	3,624	-	-	3,624	3,624	-	7.1
4. Hilir Perak	4,026	4,026	-	3,400 **	5,496	5,496	-	1.8
5. Perak Tengah	4,506	4,506	-	4,458 **	4,131	4,131	-	2.5

*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, LUAR MUSIM 2015 (SAMB.)

Table B4: Average yield of cleaned paddy by state, district and area type, Malaysia, Off Season 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	**5,026**	**5,148**	**4,278**	**5,409**	**4,280**	**4,282**	**4,278**	**2.4**
1. MADA Wilayah I	5,409	5,409	-	5,409	-	-	-	0.8
2. Perlis (L/MADA)	4,280	4,282	4,278	-	4,280	4,282	4,278	9.7
PULAU PINANG	**5,959**	**5,959**	**-**	**5,959**	**-**	**-**	**-**	**1.1**
1. Barat Daya	5,470	5,470	-	5,470	-	-	-	0.4
2. Seb. P. Tengah	5,629	5,629	-	5,629	-	-	-	1.7
3. Seb. P. Utara	6,124	6,124	-	6,124	-	-	-	1.5
4. Seb. P. Selatan	5,668	5,668	-	5,668	-	-	-	1.6
SELANGOR	**6,492**	**6,492**	**-**	**6,492**	**-**	**-**	**-**	**1.8**
1. Kuala Selangor	6,447	6,447	-	6,447	-	-	-	3.0
2. Sabak Bernam	6,511	6,511	-	6,511	-	-	-	2.3
TERENGGANU	**4,426**	**4,426**	**-**	**5,069**	**3,392**	**3,392**	**-**	**1.7**
1. Besut	4,701	4,701	-	5,069	3,532	3,532	-	1.9
2. Dungun	3,017	3,017	-	-	3,017	3,017	-	7.6
3. H. Terengganu	2,974	2,974	-	-	2,974	2,974	-	0.5
4. K. Terengganu	3,214	3,214	-	-	3,214	3,214	-	1.3
5. Kemaman	3,018	3,018	-	-	3,018	3,018	-	6.0
6. Marang	-	-	-	-	-	-	-	-
7. Setiu	3,361	3,361	-	-	3,361	3,361	-	4.2
SEM. MALAYSIA *Pen. Malaysia*	**4,771**	**4,841**	**3,757**	**5,042**	**3,593**	**3,953**	**3,757**	**0.6**

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, LUAR MUSIM 2015 (SAMB.)

Table B4: Average yield of cleaned paddy by state, district and area type, Malaysia, Off Season 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)
SABAH	**3,104**	-	-	-	-	-	-	-
1. Beaufort	2,860	-	-	-	-	-	-	-
2. Keningau	3,379	-	-	-	-	-	-	-
3. Kota Belud	2,794	-	-	-	-	-	-	-
4. Kota Kinabalu	-	-	-	-	-	-	-	-
5. Kota Marudu	3,556	-	-	-	-	-	-	-
6. Kuala Penyu	-	-	-	-	-	-	-	-
7. Kudat	-	-	-	-	-	-	-	-
8. Papar	4,229	-	-	-	-	-	-	-
9. Penampang	4,229	-	-	-	-	-	-	-
10. Pitas	3,899	-	-	-	-	-	-	-
11. Ranau	-	-	-	-	-	-	-	-
12. Sipitang	3,675	-	-	-	-	-	-	-
13. Tambunan	3,396	-	-	-	-	-	-	-
14. Tenom	960	-	-	-	-	-	-	-
15. Tuaran	2,482	-	-	-	-	-	-	-
16. Beluran	2,198	-	-	-	-	-	-	
17. Tawau	6,084							
18. Lain-lain Daerah	-	-	-	-	-	-	-	-
SARAWAK	**1,646**	-	-	-	-	-	-	-
1. Siburan	1,654	-	-	-	-	-	-	-
2. Kuching	-	-	-	-	-	-	-	-
3. Bau	-	-	-	-	-	-	-	-
4. Lundu	1,600	-	-	-	-	-	-	-
5. Sri Aman	-	-	-	-	-	-	-	-
6. Pantu	-	-	-	-	-	-	-	-
7. Lubok Antu	-	-	-	-	-	-	-	-
8. Sibu	-	-	-	-	-	-	-	-

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, LUAR MUSIM 2015 (SAMB.)

Table B4: Average yield of cleaned paddy by state, district and area type, Malaysia, Off Season 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	-	-	-	-	-	-	-	-
9. Kanowit	-	-	-	-	-	-	-	-
10. Selangau	-	-	-	-	-	-	-	-
11. Miri	-	-	-	-	-	-	-	-
12. Marudi	-	-	-	-	-	-	-	-
13. Limbang	-	-	-	-	-	-	-	-
14 Lawas	-	-	-	-	-	-	-	-
15. Sarikei	-	-	-	-	-	-	-	-
16. Maradong	-	-	-	-	-	-	-	-
17. Julau	-	-	-	-	-	-	-	-
18. Pakan	-	-	-	-	-	-	-	-
19. Kapit	-	-	-	-	-	-	-	-
20. Song	-	-	-	-	-	-	-	-
21. Belaga	-	-	-	-	-	-	-	-
22. Samarahan	-	-	-	-	-	-	-	-
23. Serian	-	-	-	-	-	-	-	-
24. Simunjan	2,170	-	-	-	-	-	-	-
25. Asajaya	-	-	-	-	-	-	-	-
26. Tatau	-	-	-	-	-	-	-	-
27. Mukah	-	-	-	-	-	-	-	-
28. Dalat	-	-	-	-	-	-	-	-
29. Daro	-	-	-	-	-	-	-	-
30. Matu	-	-	-	-	-	-	-	-
31. Saribas	-	-	-	-	-	-	-	-
32. Kalaka	-	-	-	-	-	-	-	-
MALAYSIA	**4,702**	**4,841***	**3,757***	**5,042***	**3,593***	**3,953***	**3,757***	**0.6***

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, LUAR MUSIM 2015

Table B5: Paddy parcel area and paddy planted area by state and area type, Malaysia, Off Season 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	9	1,470	75.0	9	1,828	9	1,470	80.4	1	132	-	-	-
KEDAH	130	112,858	126	107,789	95.5	67	92,759	63	91,456	98.6	63	20,099	63	16,333	81.3
KELANTAN	138	47,843	79	32,390	67.7	89	41,469	63	31,610	76.2	49	6,374	16	780	12.2
MELAKA	28	3,414	24	1,381	40.5	13	2,662	12	759	28.5	15	752	12	622	82.7
N. SEMBILAN	15	2,062	13	917	44.5	15	2,062	13	917	44.5	-	-	-	-	-
PAHANG	25	9,135	13	4,957	54.3	17	8,718	13	4,957	56.9	8	417	-	-	-
PERAK	69	43,079	68	40,892	94.9	68	42,994	67	40,807	94.9	1	85	1	85	100.0
PERLIS	43	26,090	43	26,043	99.8	26	22,434	26	22,387	99.8	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	24	19,057	24	19,057	100.0	24	19,057	24	19,057	100.0	-	-	-	-	-
TERENGGANU	42	12,806	19	7,498	58.6	33	12,050	19	7,498	62.2	9	756	-	-	-
SEM. MALAYSIA *Pen. Malaysia*	566	291,086	460	255,176	87.7	403	258,815	351	233,700	90.3	163	32,271	109	21,476	66.5
SABAH	-	-	-	10,448	-	-	-	-	-	-	-	-	-	-	-
SARAWAK	-	-	-	307	-	-	-	-	-	-	-	-	-	-	-
MALAYSIA	566*	291,086*	460*	265,931	87.7*	403*	258,815*	351*	233,700*	90.3*	163*	32,271*	109*	21,476*	66.5*

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, LUAR MUSIM 2015

Table B6: Paddy parcel area and paddy planted area by granary area, Peninsular Malaysia, Off Season 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	96,504	99.9
KADA	29,450	26,343	89.4
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	13,866	98.1
IADA KETARA	4,876	4,876	100.0
IADA KEMASIN SEMERAK	5,053	2,633	52.1
IADA PEKAN	5,322	2,202	41.4
IADA ROMPIN	2,920	2,635	90.2
JUMLAH *Total*	211,266	201,870	95.6

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

Table B7: Paddy parcel area and paddy planted area by state, district and area type, Malaysia, Off Season 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**	**1,470**	**-**	**1,470**	**-**
1. Batu Pahat	73	70	-	70	-
2. Kluang	118	50	-	50	-
3. Mersing	564	432	-	432	-
4. Tangkak	841	598		598	-
5. Muar	364	320	-	320	-
KEDAH	**112,858**	**107,789**	**77,852**	**13,604**	**16,333**
1. Baling	2,623	1,446	-	691	755
2. Bandar Baru	944	908	-	908	-
3. Kota Setar	3,519	3,478	-	554	2,924
4. Kuala Muda	7,561	7,157	-	4,841	2,316
5. Kubang Pasu	4,020	3,813	-	1,970	1,843
6. Kulim	1,050	663	-	663	-
7. Langkawi	2,706	1,963	-	1,225	738
8. Padang Terap	3,814	3,814	-	343	3,471
9. Pendang	5,170	4,749	-	1,081	3,668
10. Sik	2,438	815	-	530	285
11. Yan	1,131	1,131	-	798	333
12. MADA Wilayah II	31,616	31,616	31,616	-	-
13. MADA Wilayah III	21,376	21,346	21,346	-	-
14. MADA Wilayah IV	24,890	24,890	24,890	-	-
KELANTAN	**47,843**	**32,390**	**28,976**	**2,634**	**780**
1. Bachok	6,706	6,477	5,516 *	-	-
			961 **		
2. Jeli	49	35	-	35	-
3. Kota Bharu	8,585	7,822	7,792 *	20	10
4. Kuala Krai	139	-	-	-	-
5. Machang	4,287	1,682	-	1,263	419
6. Pasir Mas	11,019	6,843	6,161 *	682	-
7. Pasir Puteh	11,084	5,266	3,514 *	52	28
			1,672 **		
8. Tanah Merah	951	356	-	278	78
9. Tumpat	5,023	3,909	3,360 *	304	245

* KADA ** IADA Kemasin Semerak

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

Table B7: Paddy parcel area and paddy planted area by state, district and area type, Malaysia, Off Season 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**	**1,381**	**-**	**759**	**622**
1. Alor Gajah	534	207	-	207	-
2. Jasin	507	405	-	232	173
3. Melaka Tengah	2,373	769	-	320	449
N. SEMBILAN	**2,062**	**917**	**-**	**917**	**-**
1. Jelebu	204	174	-	174	-
2. Jempol	495	125	-	125	-
3. Kuala Pilah	1,122	503	-	503	-
4. Rembau	66	26	-	26	-
5. Tampin	175	89	-	89	-
PAHANG	**9,135**	**4,957**	**4,837**	**120**	**-**
1. Bera	60	-	-	-	-
2. Jerantut	30	-	-	-	-
3. Kuantan	110	46	-	46	-
4. Maran	426	74	-	74	-
5. Pekan	5,322	2,202	2,202 ***	-	-
6. Rompin	3,160	2,635	2,635 ****	-	-
7. Temerloh	27	-	-	-	-
PERAK	**43,079**	**40,892**	**34,838**	**5,969**	**85**
1. Kerian	21,108	20,972	20,972 *	-	-
2. Larut Matang & Selama	1,547	676	-	591	85
3. Kuala Kangsar	998	382	-	382	-
4. Hilir Perak	7,499	7,462	5,626 **	1,836	-
5. Perak Tengah	11,927	11,400	8,240 **	3,160	-

*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, LUAR MUSIM 2015 (SAMB.)

Table B7: Paddy parcel area and paddy planted area by state, district and area type, Malaysia, Off Season 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)
PERLIS	**26,090**	**26,043**	**18,652**	**3,735**	**3,656**
1. MADA Wilayah I	18,676	18,652	18,652	-	-
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**	**7,498**	**4,876**	**2,622**	**-**
1. Besut	7,430	6,104	4,876	1,228	-
2. Dungun	85	38	-	38	-
3. Hulu Terengganu	300	238	-	238	-
4. Kuala Terengganu	1,916	102	-	102	-
5. Kemaman	164	28	-	28	-
6. Marang	910	-	-	-	-
7. Setiu	2,001	988	-	988	-
SEM. MALAYSIA *Pen. Malaysia*	**291,086**	**255,176**	**201,870**	**31,830**	**21,476**

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

Table B7: Paddy parcel area and paddy planted area by state, district and area type, Malaysia, Off Season 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	-	10,448	-	-	-
1. Beaufort	-	12	-	-	-
2. Keningau	-	958	-	-	-
3. Kota Belud	-	4,014	-	-	-
4. Kota Kinabalu	-	-	-	-	-
5. Kota Marudu	-	3,159	-	-	-
6. Kuala Penyu	-	-	-	-	-
7. Kudat	-	-	-	-	-
8. Papar	-	706	-	-	-
9. Penampang	-	94	-	-	-
10. Pitas	-	198	-	-	-
11. Ranau	-	-	-	-	-
12. Sipitang	-	8	-	-	-
13. Tambunan	-	2	-	-	-
14. Tenom	-	347	-	-	-
15. Tuaran	-	568	-	-	-
16. Beluran	-	330	-	-	-
17. Sook	-	-	-	-	-
18. Nabawan	-	-	-	-	-
19. Tawau	-	52	-	-	-
20. Lain-lain Daerah	-	-	-	-	-
SARAWAK	-	307	-	-	-
1. Siburan	-	209	-	-	-
2. Kuching	-	-			
3. Bau	-	-	-	-	-
4. Lundu	-	93	-	-	-
5. Sri Aman	-	-	-	-	-
6. Pantu	-	-	-	-	-
7. Lubok Antu	-	-	-	-	-
8. Sibu	-	-	-	-	-
9. Kanowit	-	-	-	-	-
10. Selangau	-	-	-	-	-
11. Miri	-	-	-	-	-
12. Marudi	-	-	-	-	-
13. Limbang	-	-	-	-	-
14 Lawas	-	-	-	-	-
15. Sarikei	-	-	-	-	-
16. Maradong	-	-	-	-	-
17. Julau	-	-	-	-	-
18. Pakan	-	-	-	-	-
19. Kapit	-	-	-	-	-
20. Song	-	-	-	-	-
21. Belaga	-	-	-	-	-
22. Samarahan	-	-	-	-	-
23. Serian	-	-	-	-	-
24. Simunjan	-	5	-	-	-
25. Asajaya	-	-	-	-	-
26. Tatau	-	-	-	-	-
MALAYSIA	**291,086 ***	**265,931**	**201,870 ***	**31,830 ***	**21,476 ***

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

JADUAL B8: KELUASAN BERTANAM DAN PURATA HASIL PADI BASAH, KERING DAN BERSIH DAN RALAT PIAWAI RELATIF MENGIKUT NEGERI, MALAYSIA, LUAR MUSIM 2015

Table B8: Planted area and average yield of wet, dried and cleaned paddy and Relative Standard Error by state, Malaysia, Off Season 2015

NEGERI *State*	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)
JOHOR	1,470	4,831	4,415	4,139	2.7
KEDAH	107,789	6,028	5,302	4,816	0.6
KELANTAN	32,390	5,017	4,523	4,199	0.8
MELAKA	1,381	3,845	3,416	3,300	1.3
N. SEMBILAN	917	5,074	4,404	4,354	2.0
PAHANG	4,957	3,014	2,538	2,173	7.0
PERAK	40,892	5,635	4,801	4,232	0.9
PERLIS	26,043	6,032	5,165	5,026	2.4
PULAU PINANG	12,782	6,944	6,070	5,959	1.1
SELANGOR	19,057	7,796	6,594	6,492	1.8
TERENGGANU	7,498	5,756	4,807	4,426	1.7
SEM. MALAYSIA *Pen. Malaysia*	255,176	5,926	5,157	4,771	0.6
SABAH	10,448	3,808	3,546	3,104	-
SARAWAK	307	-	-	1,646	-
MALAYSIA	265,931	5,926*	5,157*	4,702	0.6*

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

JADUAL B9: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT NEGERI DAN JENIS KAWASAN, MALAYSIA, LUAR MUSIM 2015

Table B9: Paddy planted area and paddy harvested area by state and area type, Malaysia, Off Season 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	9	1,470	9	1,470	100.0	9	1,470	9	1,470	100.0	-	-	-	-	-
KEDAH	125	107,789	125	107,789	100.0	63	91,456	63	91,456	100.0	62	16,333	62	16,333	100.0
KELANTAN	79	32,390	79	32,390	100.0	63	31,610	63	31,610	100.0	16	780	16	780	100.0
MELAKA	24	1,381	24	1,381	100.0	12	759	12	759	100.0	12	622	12	622	100.0
N. SEMBILAN	13	917	13	917	100.0	13	917	13	917	100.0	-	-	-	-	-
PAHANG	13	4,957	13	4,156	83.8	13	4,957	13	4,156	83.8	-	-	-	-	-
PERAK	68	40,892	68	40,892	100.0	67	40,807	67	40,807	100.0	1	85	1	85	100.0
PERLIS	43	26,043	43	26,043	100.0	26	22,387	26	22,387	100.0	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	24	19,057	24	19,057	100.0	24	19,057	24	19,057	100.0	-	-	-	-	-
TERENGGANU	19	7,498	19	7,498	100.0	19	7,498	19	7,498	100.0	-	-	-	-	-
SEM. MALAYSIA *Pen. Malaysia*	459	255,176	459	254,375	99.69	351	233,700	351	232,899	99.7	108	21,476	108	21,476	100.0
SABAH	-	10,448	-	10,448	-	-	-	-	-	-	-	-	-	-	-
SARAWAK	-	307	-	307	-	-	-	-	-	-	-	-	-	-	-
MALAYSIA	459*	265,931	459*	265,130	99.69*	351*	233,700*	351*	232,899*	99.7*	108*	21,476*	108*	21,476*	100.0*

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

Notes: *Refers to Peninsular Malaysia only.*

JADUAL B10: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, LUAR MUSIM 2015

Table B10: Paddy planted area and paddy harvested area by granary area, Peninsular Malaysia, Off Season 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	96,504	96,504	100.0
KADA	26,343	26,343	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	13,866	13,866	100.0
IADA KETARA	4,876	4,876	100.0
IADA KEMASIN SEMERAK	2,633	2,633	100.0
IADA PEKAN	2,202	1,506	68.4
IADA ROMPIN	2,635	2,530	96.0
JUMLAH *Total*	201,870	201,069	99.6

JADUAL B11: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, LUAR MUSIM 2015

Table B11: Paddy planted area and paddy harvested area by state, district and area type, Malaysia, Off Season 2015

NEGERI/DAERAH *State/District*	KELUASAN BERTANAM PADI (HEKTAR) *Paddy planted area (hectare)*	KELUASAN TUAIAN (HEKTAR) *Harvested 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)
JOHOR	**1,470**	**1,470**	**-**	**1,470**	**-**
1. Batu Pahat	70	70	-	70	-
2. Kluang	50	50	-	50	-
3. Mersing	432	432	-	432	-
4. Tangkak	598	598	-	598	-
5. Muar	320	320	-	320	-
KEDAH	**107,789**	**107,789**	**77,852**	**13,604**	**16,333**
1. Baling	1,446	1,446	-	691	755
2. Bandar Baru	908	908	-	908	-
3. Kota Setar	3,478	3,478	-	554	2,924
4. Kuala Muda	7,157	7,157	-	4,841	2,316
5. Kubang Pasu	3,813	3,813	-	1,970	1,843
6. Kulim	663	663	-	663	-
7. Langkawi	1,963	1,963	-	1,225	738
8. Padang Terap	3,814	3,814	-	343	3,471
9. Pendang	4,749	4,749	-	1,081	3,668
10. Sik	815	815	-	530	285
11. Yan	1,131	1,131	-	798	333
12. MADA Wilayah II	31,616	31,616	31,616	-	-
13. MADA Wilayah III	21,346	21,346	21,346	-	-
14. MADA Wilayah IV	24,890	24,890	24,890	-	-
KELANTAN	**32,390**	**32,390**	**28,976**	**2,634**	**780**
1. Bachok	6,477	6,477	5,516 *	-	-
			961 **		
2. Jeli	35	35	-	35	-
3. Kota Bharu	7,822	7,822	7,792 *	20	10
4. Kuala Krai	-	-	-	-	-
5. Machang	1,682	1,682	-	1,263	419
6. Pasir Mas	6,843	6,843	6,161 *	682	-
7. Pasir Puteh	5,266	5,266	3,514 *	52	28
			1,672 **		
8. Tanah Merah	356	356	-	278	78
9. Tumpat	3,909	3,909	3,360 *	304	245

* KADA ** IADA Kemasin Semerak

JADUAL B11: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, LUAR MUSIM 2015 (SAMB.)

Table B11: Paddy planted area and paddy harvested area by state, district and area type, Malaysia, Off Season 2015 (cont'd.)

NEGERI/DAERAH *State/District*	KELUASAN BERTANAM PADI (HEKTAR) *Paddy planted area (hectare)*	KELUASAN TUAIAN (HEKTAR) *Harvested 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)
MELAKA	**1,381**	**1,381**	**-**	**759**	**622**
1. Alor Gajah	207	207	-	207	-
2. Jasin	405	405	-	232	173
3. Melaka Tengah	769	769	-	320	449
N. SEMBILAN	**917**	**917**	**-**	**917**	**-**
1. Jelebu	174	174	-	174	-
2. Jempol	125	125	-	125	-
3. Kuala Pilah	503	503	-	503	-
4. Rembau	26	26	-	26	-
5. Tampin	89	89	-	89	-
PAHANG	**4,957**	**4,156**	**4,036**	**120**	**-**
1. Bera	-	-	-	-	-
2. Jerantut	-	-	-	-	-
3. Kuantan	46	46	-	46	-
4. Maran	74	74	-	74	-
5. Pekan	2,202	1,506	1,506 ***	-	-
7. Rompin	2,635	2,530	2,530 ****	-	-
PERAK	**40,892**	**40,892**	**34,838**	**5,969**	**85**
1. Kerian	20,972	20,972	20,972 *	-	-
2. Larut Matang & Selama	676	676	-	591	85
3. Kuala Kangsar	382	382	-	382	-
4. Hilir Perak	7,462	7,462	5,626 **	1,836	-
5. Perak Tengah	11,400	11,400	3,021 **	3,160	-
			5,219 **		

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

JADUAL B11: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, LUAR MUSIM 2015 (SAMB.)

Table B11: Paddy planted area and paddy harvested area by state, district and area type, Malaysia, Off Season 2015 (cont'd.)

NEGERI/DAERAH *State/District*	KELUASAN BERTANAM PADI (HEKTAR) *Paddy planted area (hectare)*	KELUASAN TUAIAN (HEKTAR) *Harvested 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	**26,043**	**26,043**	**18,652**	**3,735**	**3,656**
1. MADA Wilayah I	18,652	18,652	18,652	-	-
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	**7,498**	**7,498**	**4,876**	**2,622**	**-**
1. Besut	6,104	6,104	4,876	1,228	-
2. Dungun	38	38	-	38	-
3. Hulu Terengganu	238	238	-	238	-
4. Kuala Terengganu	102	102	-	102	-
5. Kemaman	28	28	-	28	-
6. Marang	-	-	-	-	-
7. Setiu	988	988	-	988	-
SEM. MALAYSIA *Pen. Malaysia*	**255,176**	**254,375**	**201,069**	**31,830**	**21,476**

JADUAL B11: KELUASAN BERTANAM PADI DAN KELUASAN TUAIAN PADI MENGIKUT NEGERI, DAERAH DAN JENIS KAWASAN, MALAYSIA, LUAR MUSIM 2015 (SAMB.)

Table B11: Paddy planted area and paddy harvested area by state, district and area type, Malaysia, Off Season 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	**10,448**	**10,448**	**-**	**-**	**-**
1. Beaufort	12	12	-	-	-
2. Keningau	958	958	-	-	-
3. Kota Belud	4,014	4,014	-	-	-
4. Kota Kinabalu	-	-	-	-	-
5. Kota Marudu	3,159	3,159	-	-	-
6. Kuala Penyu	-	-	-	-	-
7. Kudat	-	-	-	-	-
8. Papar	706	706	-	-	-
9. Penampang	94	94	-	-	-
10. Pitas	198	198	-	-	-
11. Ranau	-	-	-	-	-
12. Sipitang	8	8	-	-	-
13. Tambunan	2	2	-	-	-
14. Tenom	347	347	-	-	-
15. Tuaran	568	568	-	-	-
16. Beluran	330	330	-	-	-
17. Sook	-	-	-	-	-
18. Nabawan	-	-	-	-	-
19. Tawau	52	52			
20. Lain-lain Daerah	-	-	-	-	-
SARAWAK	**307**	**307**	**-**	**-**	**-**
1. Kuching	-	-	-	-	-
2. Siburan	209	209	-	-	-
3. Bau	-	-	-	-	-
4. Lundu	93	93	-	-	-
5. Sri Aman	-	-	-	-	-
6. Lubok Antu	-	-	-	-	-
7. Pantu	-	-	-	-	-
8. Sibu	-	-	-	-	-
9. Kanowit	-	-	-	-	-
10. Selangau	-	-	-	-	-
11. Miri	-	-	-	-	-
12. Marudi	-	-	-	-	-
13. Limbang	-	-	-	-	-
14. Lawas	-	-	-	-	-
15. Sarikei	-	-	-	-	-
16. Maradong	-	-	-	-	-
17. Kapit	-	-	-	-	-
18. Song	-	-	-	-	-
19. Samarahan	-	-	-	-	-
20. Serian	-	-	-	-	-
21. Simunjan	5	5	-	-	-
22. Asajaya	-	-	-	-	-
23. Bintulu	-	-	-	-	-
24. Tatau	-	-	-	-	-
25. Mukah	-	-	-	-	-
26. Dalat	-	-	-	-	-
27. Daro	-	-	-	-	-
28. Matu	-	-	-	-	-
29. Betong	-	-	-	-	-
30. Saratok	-	-	-	-	-
MALAYSIA	**265,931**	**265,130**	**201,069 ***	**31,830 ***	**21,476 ***

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, LUAR MUSIM 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, Off Season 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	**96,504**	**6,282**	**5,554**	**5,283**	**0.3**
a. Wilayah I	18,652	6,386	5,620	5,409	0.8
b. Wilayah II	31,616	6,382	5,648	5,354	0.6
c. Wilayah III	21,346	6,086	5,386	5,106	0.5
d. Wilayah IV	24,890	6,247	5,528	5,241	0.5
2. KADA	**26,343**	**5,159**	**4,611**	**4,292**	**0.9**
a. Bachok	5,516	4,990	4,460	4,152	2.0
b. Kota Bharu Utara	2,755	5,111	4,567	4,252	2.1
c. Kota Bharu Selatan	5,037	4,992	4,461	4,153	1.8
d. Pasir Mas	6,161	5,026	4,492	4,181	1.5
e. Pasir Puteh	3,514	5,690	5,085	4,733	3.5
f. Tumpat	3,360	5,418	4,842	4,507	1.3
3. IADA KERIAN	**20,972**	**5,616**	**4,846**	**4,515**	**0.8**
a. Kerian	20,972	5,616	4,846	4,515	0.8
4. IADA BLS	**19,057**	**7,796**	**6,594**	**6,492**	**1.8**
a. Kuala Selangor	5,677	7,742	6,547	6,447	3.0
b. Sabak Bernam	13,380	7,819	6,613	6,511	2.3
5. IADA P. PINANG	**12,782**	**6,944**	**6,070**	**5,959**	**1.1**
a. Barat Daya	310	6,374	5,572	5,470	0.4
b. Seberang Prai Tengah	2,592	6,559	5,734	5,629	1.7
c. Seberang Prai Utara	8,515	7,136	6,238	6,124	1.5
d. Seberang Prai Selatan	1,365	6,604	5,773	5,668	1.6
6. IADA SEBERANG PERAK	**13,866**	**5,595**	**4,773**	**4,024**	**2.0**
a. Perak Tengah					
Blok Awam	3,021	6,263	5,342	4,509	5.2
Blok FELCRA	5,219	6,150	5,246	4,428	2.9
b. Hilir Perak	5,626	4,722	4,028	3,400	2.6
7. IADA KETARA	**4,876**	**6,513**	**5,427**	**5,069**	**2.0**
a. Besut					
Kompatmen 1	1,188	6898	5748	5368	3.2
Kompatmen 2	1,063	6855	5712	5335	3.6
Kompatmen 3	1,240	6293	5244	4898	4.8
Kompatmen 4	1,385	6172	5143	4803	3.8
8. IADA KEMASIN SEMERAK	**2,633**	**4,197**	**3,846**	**3,610**	**0.3**
a. Bachok	961	4,305	3,944	3,703	0.8
b. Pasir Puteh	1,672	4,135	3,789	3,557	0.0
8. IADA PEKAN	**2,202**	**3,106**	**2,603**	**2,227**	**11.7**
a. Pekan	2,202	3,106	2,603	2,227	11.7
9. IADA ROMPIN	**2,635**	**2,875**	**2,528**	**2,094**	**8.9**
a. Rompin	2,635	2,875	2,528	2,094	8.9
JUMLAH *Total*	**201,870**	**6,103**	**5,338**	**5,042**	**0.5**

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, LUAR MUSIM 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, Off Season 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	2,755	5,111	4,567	4,252	2.1
KOTA BHARU SELATAN	5,037	4,992	4,461	4,153	1.8
BACHOK	5,516	4,990	4,460	4,152	2.0
PASIR PUTIH	3,514	5,690	5,085	4,733	3.5
PASIR MAS	6,161	5,026	4,492	4,181	1.5
TUMPAT	3,360	5,418	4,842	4,507	1.3
JUMLAH RANCANGAN PENGAIRAN KADA *Total irrigation schemes in KADA*	26,343	5,159	4,611	4,292	0.9

JADUAL B14: KLASIFIKASI PURATA HASIL PADI BERSIH (SEHEKTAR)
MENGIKUT NEGERI, SEMENANJUNG MALAYSIA, LUAR MUSIM 2015
Table B14: Classification of average yield of cleaned paddy (per hectare)
by state, Peninsular Malaysia, Off Season 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	-	-	14	51.9	12	44.4	1	3.7	-	-
KEDAH	740	5	0.7	143	19.3	525	70.9	67	9.1	-	-
KELANTAN	480	-	-	259	54.0	217	45.2	4	0.8	-	-
MELAKA	38	6	15.8	30	78.9	2	5.3	-	-	-	-
N.SEMBILAN	30	-	-	17	56.7	10	33.3	3	10.0	-	-
PAHANG	81	29	35.8	47	58.0	5	6.2	-	-	-	-
PERAK	304	6	2.0	127	41.8	168	55.3	3	1.0	-	-
PERLIS	200	1	0.5	6	3.0	174	87.0	19	9.5	-	-
P. PINANG	111	-	-	2	1.8	75	67.6	30	27.0	4	3.6
SELANGOR	110	-	-	1	0.9	37	33.6	54	49.1	18	16.4
TERENGGANU	141	6	4.3	62	44.0	63	44.7	10	7.1	-	-
SEM. MALAYSIA *Pen. Malaysia*	2,262	53	2.3	708	31.3	1,288	56.9	191	8.4	22	1.0
SABAH	99	5	5.0	44	44.0	48	48.0	2	2.0	-	-

JADUAL B15: KLASIFIKASI PURATA HASIL PADI BERSIH (SEHEKTAR)
MENGIKUT KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, LUAR MUSIM 2015
Table B15: Classification of average yield of cleaned paddy (per hectare)
by granary area, Peninsular Malaysia, Off Season 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	1	0.1	12	1.8	594	88.0	68	10.1	-	-
KADA	273	-	-	100	36.6	170	62.3	3	1.1	-	-
IADA KERIAN	156	4	2.6	16	10.3	133	85.3	3	1.9	-	-
IADA BLS	110	-	-	1	0.9	37	33.6	54	49.1	18	16.4
IADA P. PINANG	111	-	-	2	1.8	75	67.6	30	27	4	3.6
IADA SEB PERAK	97	1	1.0	61	62.9	35	36.1	-	-	-	-
IADA KETARA	61	-	-	3	4.9	49	80.3	9	14.8	-	-
IADA KEM SEMERAK	51	-	-	31	60.8	20	39.2	-	-	-	-
IADA PEKAN	45	22	48.9	20	44.4	3	6.7	-	-	-	-
IADA ROMPIN	12	7	58.3	4	33.3	1	8.3	-	-	-	-
JUMLAH *Total*	1,591	35	2.2	250	15.7	1,117	70.2	167	10.5	22	1.4

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

Table B16: Planted area, average yield of cleaned paddy and production of paddy by state, Malaysia, Off Season 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	1,470	4,139	6,084
KEDAH	107,789	4,816	519,112
KELANTAN	32,390	4,199	136,006
MELAKA	1,381	3,300	4,557
N. SEMBILAN	917	4,354	3,993
PAHANG	4,957	2,173	10,772
PERAK	40,892	4,232	173,055
PERLIS	26,043	5,026	130,892
PULAU PINANG	12,782	5,959	76,168
SELANGOR	19,057	6,492	123,718
TERENGGANU	7,498	4,426	33,186
SEM. MALAYSIA *Pen. Malaysia*	255,176	4,771	1,217,543
SABAH	10,448	3,104	32,429
SARAWAK	307	1,646	506
MALAYSIA	265,931	4,702	1,250,478

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

Table B17: Planted area, average yield of cleaned paddy and production of paddy by granary area, Peninsular Malaysia, Off Season 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	96,504	5,283	509,831
KADA	26,343	4,292	113,064
IADA KERIAN	20,972	4,515	94,689
IADA BLS	19,057	6,492	123,718
IADA P. PINANG	12,782	5,959	76,168
IADA SEB PERAK	13,866	4,024	55,797
IADA KETARA	4,876	5,069	24,716
IADA KEM SEMERAK	2,633	3,610	9,505
IADA PEKAN	2,202	2,227	4,904
IADA ROMPIN	2,635	2,094	5,518
JUMLAH *Total*	201,870	5,042	1,017,910

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

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

NEGERI *State*	LUAR MUSIM 2015 *Off Season 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	1,470	4,139	6,084	3,955	1,470	4,139	6,084	3,955	-	-	-	-
KEDAH	29,937	3,229	96,667	62,834	13,604	3,775	51,355	33,381	16,333	3,690	60,269	39,175
KELANTAN	3,414	3,807	12,997	8,448	2,634	3,887	10,238	6,655	780	3,537	2,759	1,793
MELAKA	1,381	3,300	4,557	2,962	759	3,600	2,732	1,776	622	2,934	1,825	1,186
N.SEMBILAN	917	4,354	3,993	2,595	917	4,354	3,993	2,595	-	-	-	-
PAHANG	120	3,146	378	246	120	3,146	378	246	-	-	-	-
PERAK	6,054	4,351	26,341	17,122	5,969	4,381	26,150	16,998	85	2,190	186	121
PERLIS	7,391	4,280	31,633	20,561	3,735	4,282	15,993	10,395	3,656	4,278	15,640	10,166
P.PINANG	-	-	-	-	-	-	-	-	-	-	-	-
SELANGOR	-	-	-	-	-	-	-	-	-	-	-	-
TERENGGANU	2,622	3,392	8,894	5,781	2,622	3,392	8,894	5,781	-	-	-	-
SEM. MALAYSIA *Pen. Malaysia*	53,306	3,593	191,544	124,504	31,830	3,953	125,817	81,782	21,476	3,757	80,679	52,441

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

Table B19: Hectareage of Paddy Parcel, Planted Area And Cropping Intensity Factor By State, Peninsular Malaysia, Off Season 2015

NEGERI *State*	LUAR MUSIM 2015 *Off Season 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	0.8	1,960	1,470	1,828	1,470	80.4	132	-	-
KEDAH	1.0	112,858	107,789	92,759	91,456	98.6	20,099	16,333	81.3
KELANTAN	0.7	47,843	32,390	41,469	31,610	76.2	6,374	780	12.2
MELAKA	0.4	3,414	1,381	2,662	759	28.5	752	622	82.7
N. SEMBILAN	0.4	2,062	917	2,062	917	44.5	-	-	-
PAHANG	0.5	9,135	4,957	8,718	4,957	56.9	417	-	-
PERAK	0.9	43,079	40,892	42,994	40,807	94.9	85	85	100.0
PERLIS	1.0	26,090	26,043	22,434	22,387	99.8	3,656	3,656	100.0
P. PINANG	1.0	12,782	12,782	12,782	12,782	100.0	-	-	-
SELANGOR	1.0	19,057	19,057	19,057	19,057	100.0	-	-	-
TERENGGANU	0.6	12,806	7,498	12,050	7,498	62.2	756	-	-
SEM. MALAYSIA *Pen. Malaysia*	0.9	291,086	255,176	258,815	233,700	90.3	32,271	21,476	66.5

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

Table B20: Hectareage of Paddy Parcel, Planted Area And Cropping Intensity Factor (Outside Granary Area) By State, Peninsular Malaysia, Off Season 2015

NEGERI *State*	LUAR MUSIM 2015 *Off Season 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	0.8	1,960	1,470	1,828	1,470	80.4	132	-	-
KEDAH	0.9	34,976	29,937	14,877	13,604	91.4	20,099	16,333	81.3
KELANTAN	0.3	13,340	3,414	6,966	2,634	37.8	6,374	780	12.2
MELAKA	0.4	3,414	1,381	2,662	759	28.5	752	622	82.7
N. SEMBILAN	0.4	2,062	917	2,062	917	44.5	-	-	-
PAHANG	0.1	893	120	476	120	25.2	417	-	-
PERAK	0.8	7,831	6,054	7,746	5,969	77.1	85	85	100.0
PERLIS	1.0	7,414	7,391	3,758	3,735	99.4	3,656	3,656	100.0
P. PINANG	-	-	-	-	-	-	-	-	-
SELANGOR	-	-	-	-	-	-	-	-	-
TERENGGANU	0.3	7,930	2,622	7,174	2,622	36.5	756	-	-
SEM. MALAYSIA *Pen. Malaysia*	0.7	79,820	53,306	47,549	31,830	66.9	32,271	21,476	66.5

AMALAN KULTURA

Farm Practices

JABATAN PERTANIAN

JADUAL C1: PENGGUNAAN VARIETI PADI MENGIKUT NEGERI, SEMENANJUNG MALAYSIA, LUAR MUSIM 2015

Table C1: Usage of paddy varieties by state, Peninsular Malaysia, Off Season 2015

NEGERI *State*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	MR 219		MR 220		MR 220 CL1		MR 220 CL2		MR 253		MR 263	
		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	-	-	3	11.1	5	18.5	6	22.2	-	-	-	-
KEDAH	740	105	14.2	39	5.3	-	-	490	66.2	-	-	87	11.8
KELANTAN	480	7	1.5	15	3.1	-	-	268	55.8	-	-	180	37.5
MELAKA	38	-	-	-	-	-	-	33	86.8	5	13.2	-	-
N. SEMBILAN	30	3	10.0	-	-	-	-	18	60.0	-	-	3	10.0
PAHANG	81	-	-	9	11.1	12	14.8	39	48.1	-	-	16	19.8
PERAK	304	4	1.3	4	1.3	-	-	250	82.2	-	-	37	12.2
PERLIS	200	11	5.5	8	4.0	-	-	120	60.0	-	-	54	27.0
PULAU PINANG	111	16	14.4	11	9.9	1	0.9	38	34.2	-	-	33	29.7
SELANGOR	110	2	1.8	3	2.7	-	-	93	84.5	-	-	8	7.3
TERENGGANU	141	8	5.7	3	2.1	1	0.7	39	27.7	-	-	51	36.2
SEM. MALAYSIA *Pen. Malaysia*	2,262	156	6.9	95	4.2	19	0.8	1,394	61.6	5	0.22	469	20.7

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

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

NEGERI *State*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	MR 269		MRQ 76									
		BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%
(1)	(2)	(15)	(16)	(17)	(18)								
JOHOR	27	9	33.3	4	14.8	-	-	-	-	-	-	-	-
KEDAH	740	19	2.6	-	-	-	-	-	-	-	-	-	-
KELANTAN	480	10	2.1	-	-	-	-	-	-	-	-	-	-
MELAKA	38	-	-	-	-	-	-	-	-	-	-	-	-
N. SEMBILAN	30	6	20.0	-	-	-	-	-	-	-	-	-	-
PAHANG	81	5	6.2	-	-	-	-	-	-	-	-	-	-
PERAK	304	9	3.0	-	-	-	-	-	-	-	-	-	-
PERLIS	200	7	3.5	-	-	-	-	-	-	-	-	-	-
PULAU PINANG	111	12	10.8	-	-	-	-	-	-	-	-	-	-
SELANGOR	110	4	3.6	-	-	-	-	-	-	-	-	-	-
TERENGGANU	141	33	23.4	6	4.3	-	-	-	-	-	-	-	-
SEM. MALAYSIA *Pen. Malaysia*	2,262	114	5.0	10	0.4	-	-	-	-	-	-	-	-

JADUAL C2: PENGGUNAAN VARIETI PADI MENGIKUT KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, LUAR MUSIM 2015

Table C2: Usage of paddy varieties by granary area, Peninsular Malaysia, Off Season 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 253		MR 263	
		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	12	1.8	-	-	-	-	577	85.5	-	-	77	11.4
KADA	273	6	2.2	1	0.4	-	-	124	45.4	-	-	132	48.4
IADA KERIAN	156	1	0.6	-	-	-	-	154	98.7	-	-	1	0.6
IADA BLS	110	2	1.8	3	2.7	-	-	93	84.5	-	-	8	7.3
IADA P. PINANG	111	16	14.4	11	9.9	1	0.9	38	34.2	-	-	33	29.7
IADA SEB PERAK	97	3	3.1	-	-	-	-	72	74.2	-	-	19	19.6
IADA KETARA	61	-	-	2	3.3	1	0.7	25	41.0	-	-	24	39.3
IADA KEM SEMERAK	51	1	2.0	2	3.9	-	-	33	64.7	-	-	15	29.4
IADA PEKAN	45	-	-	6	13.3	-	-	39	86.7	-	-	-	-
IADA ROMPIN	12	-	-	3	25.0	-	-	-	-	-	-	4	33.3
JUMLAH *Total*	1,591	41	2.6	28	1.8	2	0.1	1,155	72.6	-	-	313	19.7

JADUAL C2: PENGGUNAAN VARIETI PADI MENGIKUT KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, LUAR MUSIM 2015 (SAMB.)

Table C2: Usage of paddy varieties by granary area, Peninsular Malaysia, Off Season 2015 (cont'd.)

JELAPANG PADI *Granary area*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	VARIETI PADI *Paddy variety*											
		MR 269											
		BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%
(1)	(2)	(15)	(16)			(17)	(18)	(19)	(20)	(23)	(24)	(25)	(26)
MADA	675	9	1.3	-	-	-	-	-	-	-	-	-	-
KADA	273	10	3.7	-	-	-	-	-	-	-	-	-	-
IADA KERIAN	156	-	-	-	-	-	-	-	-	-	-	-	-
IADA BLS	110	4	3.6	-	-	-	-	-	-	-	-	-	-
IADA P. PINANG	111	12	10.8	-	-	-	-	-	-	-	-	-	-
IADA SEB PERAK	97	3	3.6	-	-	-	-	-	-	-	-	-	-
IADA KETARA	61	9	14.8	-	-	-	-	-	-	-	-	-	-
IADA KEM SEMERAK	51	-	-	-	-	-	-	-	-	-	-	-	-
IADA PEKAN	45	-	-	-	-	-	-	-	-	-	-	-	-
IADA ROMPIN	12	5	41.7	-	-	-	-	-	-	-	-	-	-
JUMLAH *Total*	1,591	52	3.3	-	-	-	-	-	-	-	-	-	-

JADUAL C3: PURATA HASIL PADI MENGIKUT VARIETI PADI, SEMENANJUNG MALAYSIA, LUAR MUSIM 2015

Table C3: Average yield of paddy by paddy variety, Peninsular Malaysia, Off Season 2015

VARIETI PADI *Paddy variety*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	PURATA HASIL PADI *Average yield of paddy*			HASIL TERTINGGI *Maximum 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*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
MR 219	156	5,677	4,936	4,589	9,625	8,321	7,621
MR 220	95	4,727	4,110	3,749	8,977	7,804	7,120
MR 220 CL1	19	4,644	4,075	3,875	7,130	6,256	5,950
MR 220 CL2	1,394	5,687	4,963	4,662	12,833	11,199	10,520
MR 253	5	4,690	4,174	3,841	5,100	4,539	4,177
MR 263	469	5,235	4,543	4,102	10,550	9,155	8,261
MR 269	114	5,271	4,496	4,036	10,875	9,276	8,327
MRQ 76	10	3,709	3,275	2,913	5,800	5,121	4,556
JUMLAH *Total*	2,262	-	-	-	-	-	-

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

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

VARIETI PADI *Paddy variety*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	≤ 1.9 TAN *≤1.9 tonne*		2 - 3.9 TAN *2 - 3.9 tonnes*		4 - 5.9 TAN *4 - 5.9 tonnes*		6 - 7.9 TAN *6 - 7.9 tonnes*		≥ 8 TAN *≥ 8 tonnes*	
		BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
MR 219	156	-	-	58	37.2	154	98.7	9	5.8	-	-
MR 220	95	7	-	49	51.6	37	38.9	2	2.1	-	-
MR 220 CL1	19	-	-	10	52.6	9	47.4	-	-	-	-
MR 220 CL2	1,394	23	1.6	324	23.2	861	61.8	108	7.7	13	0.9
MR 253	5	-	-	3	60.0	2	40.0	-	-	-	-
MR 263	469	7	1.5	225	48.0	224	47.8	12	2.6	1	0.2
MR 269	114	3	2.6	63	55.3	37	32.5	10	8.8	1	0.9
MRQ 76	10	4	40.0	3	30.0	3	30.0	-	-	-	-
SEMUA JENIS *All varieties*	2,262	44	1.9	735	32.5	1,327	58.7	141	6.2	15	0.7

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

Table C5: Paddy planting methods by state and area type, Peninsular Malaysia, Off Season 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*		
	KESELURUHAN *Overall*	SKIM PENGAIRAN *Irrigation scheme*	LUAR PENGAIRAN *Outside Irrigation Areas*	KESELURUHAN *Overall*	SKIM PENGAIRAN *Irrigation scheme*	LUAR PENGAIRAN *Outside Irrigation Areas*	KESELURUHAN *Overall*	SKIM PENGAIRAN *Irrigation scheme*	LUAR PENGAIRAN *Outside Irrigation Areas*	KESELURUHAN *Overall*	SKIM PENGAIRAN *Irrigation scheme*	LUAR PENGAIRAN *Outside Irrigation Areas*	KESELURUHAN *Overall*	SKIM PENGAIRAN *Irrigation scheme*	LUAR PENGAIRAN *Outside Irrigation Areas*	KESELURUHAN *Overall*	SKIM PENGAIRAN *Irrigation scheme*	LUAR PENGAIRAN *Outside Irrigation Areas*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
JOHOR	27	27	-	-	-	-	-	-	-	24	24	-	3	3	-	-	-	-
KEDAH	740	649	91	4	4	-	-	-	-	733	645	88	3	-	3	-	-	-
KELANTAN	480	399	81	-	-	-	1	1	-	372	309	63	27	9	18	80	80	-
MELAKA	38	26	12	-	-	-	-	-	-	38	26	12	-	-	-	-	-	-
N. SEMBILAN	30	30	-	-	-	-	-	-	-	30	30	-	-	-	-	-	-	-
PAHANG	81	81	-	-	-	-	-	-	-	60	60	-	21	21	-	-	-	-
PERAK	304	301	3	-	-	-	2	2	-	257	254	3	15	15	-	30	30	-
PERLIS	200	164	36	-	-	-	3	-	3	191	161	30	6	3	3	-	-	-
P. PINANG	111	111	-	-	-	-	-	-	-	62	62	-	-	-	-	49	49	-
SELANGOR	110	110	-	-	-	-	32	32	-	64	64	-	14	14	-	-	-	-
TERENGGANU	141	141	-	3	3	-	-	-	-	138	138	-	-	-	-	-	-	-
SEM. MALAYSIA *Pen. Malaysia*	2,262	2,039	223	7	7	-	38	35	-	1,969	1,773	196	89	65	24	159	159	-
%	100.0	90.1	9.9	0.3	0.3	-	1.7	1.5	-	87.0	78.4	8.7	3.9	2.9	1.1	7.0	7.0	-
SABAH	99	-	-	15	-	-	-	-	-	76	-	-	5	-	-	3	-	-

JADUAL C6: KAEDAH MENANAM PADI MENGIKUT KAWASAN JELAPANG PADI DAN JENIS KAWASAN, SEMENANJUNG MALAYSIA, LUAR MUSIM 2015

Table C6: Paddy planting methods by granary area and area type, Peninsular Malaysia, Off Season 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	-	4	4	-	-	-	-	671	671	-	-	-	-	-	-	-
KADA	273	273	-	-	-	-	1	1	-	192	192	-	-	-	-	80	80	-
IADA KERIAN	156	156	-	-	-	-	-	-	-	135	135	-	9	9	-	12	12	-
IADA BLS	110	110	-	-	-	-	32	32	-	64	64	-	14	14	-	-	-	-
IADA P. PINANG	111	111	-	-	-	-	-	-	-	62	62	-	-	-	-	49	49	-
IADA SEB PERAK	97	97	-	-	-	-	2	2	-	83	83	-	-	-	-	12	12	-
IADA KETARA	61	61	-	-	-	-	-	-	-	61	61	-	-	-	-	-	-	-
IADA KEM SEMERAK	51	51	-	-	-	-	-	-	-	51	51	-	-	-	-	-	-	-
IADA PEKAN	45	45	-	-	-	-	-	-	-	36	36	-	9	9	-	-	-	-
IADA ROMPIN	12	12	-	-	-	-	-	-	-	12	12	-	-	-	-	-	-	-
JUMLAH *Total*	1,591	1,591	-	4	4	-	35	35	-	1,367	1,367	-	32	32	-	153	153	-
%	100.0	100.0	-	0.3	0.3	-	2.2	2.2	-	85.9	85.9	-	2.0	2.0	-	9.6	9.6	-

JADUAL C7: KADAR PENGGUNAAN BENIH MENGIKUT KAEDAH MENANAM PADI DAN NEGERI, SEMENANJUNG MALAYSIA, LUAR MUSIM 2015

Table C7: Seeding rate by methods of paddy planting and state, Peninsular Malaysia, Off Season 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	-	-	118	120	-
KEDAH	740	740	100.0	74	-	137	122	-
KELANTAN	480	480	100.0	-	72	134	115	150
MELAKA	38	38	100.0	-	-	113	-	-
N. SEMBILAN	30	30	100.0	-	-	147	-	-
PAHANG	81	81	100.0	-	-	138	133	-
PERAK	304	304	100.0	-	60	145	140	153
PERLIS	200	200	100.0	-	69	138	138	-
PULAU PINANG	111	111	100.0	-	-	140	-	148
SELANGOR	110	110	100.0	-	105	143	150	-
TERENGGANU	141	141	100.0	93	-	142	-	-
SEM. MALAYSIA *Pen. Malaysia*	2,262	2,262	100.0	82	99	135	131	150
SABAH	99	99	100.0	80	-	112	149	149

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

Table C8: Seeding rate by methods of paddy planting and granary area, Peninsular Malaysia, Off Season 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	-	139	-	-
KADA	273	273	100.0	-	72	147	-	150
IADA KERIAN	156	156	100.0	-	-	148	151	139
IADA BLS	110	110	100.0	-	105	143	150	-
IADA P. PINANG	111	111	100.0	-	-	140	-	148
IADA SEB PERAK	97	97	100.0	-	60	144	-	150
IADA KETARA	61	61	100.0	-	-	154	-	-
IADA KEM SEMERAK	51	51	100.0	-	-	133	-	-
IADA PEKAN	45	45	100.0	-	-	134	113	-
IADA ROMPIN	12	12	100.0	-	-	151	-	-
JUMLAH *Total*	1,591	1,591	100.0	74	101	142	140	148

JADUAL C9: PENGGUNAAN MEKANISASI MENGIKUT JENIS AKTIVITI DAN NEGERI, SEMENANJUNG MALAYSIA, LUAR MUSIM 2015

Table C9: Mechanisation by type of activity and state, Peninsular Malaysia, Off Season 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	-	-	27	100.0	21	77.8	18	66.7	27	100.0
KEDAH	740	740	100.0	-	-	710	95.9	688	93.0	701	94.7	740	100.0
KELANTAN	480	480	100.0	1	0.2	392	81.7	349	72.7	396	82.5	477	99.4
MELAKA	38	38	100.0	-	-	38	100.0	38	100.0	38	100.0	38	100.0
N. SEMBILAN	30	30	100.0	-	-	27	90.0	30	100.0	30	100.0	30	100.0
PAHANG	81	81	100.0	-	-	78	96.3	81	100.0	81	100.0	81	100.0
PERAK	304	304	100.0	2	0.7	302	99.3	304	100.0	304	100.0	304	100.0
PERLIS	200	200	100.0	3	1.5	183	91.5	136	68.0	134	67.0	200	100.0
P. PINANG	111	111	100.0	-	-	99	89.2	99	89.2	102	91.9	111	100.0
SELANGOR	110	110	100.0	32	29.1	73	66.4	91	82.7	98	89.1	110	100.0
TERENGGANU	141	141	100.0	3	2.1	93	66.0	53	37.6	116	82.3	141	100.0
SEM. MALAYSIA *Pen. Malaysia*	2,262	2,262	100.0	41	1.8	2,022	89.4	1,890	83.6	2,018	89.2	2,259	99.9
SABAH	99	84	85.0	-	-	64	65.0	33	33.0	14	14.0	53	54.0

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

Table C10: Mechanisation by type of activity and granary area, Peninsular Malaysia, Off Season 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	-	-	671	99.4	675	100.0	675	100.0	675	100.0
KADA	273	273	100.0	1	0.4	215	78.8	193	70.7	204	74.7	273	100.0
IADA KERIAN	156	156	100.0	-	-	156	100.0	156	100.0	156	100.0	156	100.0
IADA BLS	110	110	100.0	32	28.2	73	66.4	91	82.7	98	89.1	110	100.0
IADA P. PINANG	111	111	100.0	-	-	99	89.2	99	89.2	102	91.9	111	100.0
IADA SEB PERAK	97	97	100.0	2	2.1	95	97.9	97	100.0	97	100.0	97	100.0
IADA KETARA	61	61	100.0	-	-	41	67.2	41	67.2	61	100.0	61	100.0
IADA KEM SEMERAK	51	51	100.0	-	-	27	52.9	21	41.2	42	82.4	51	100.0
IADA PEKAN	45	45	100.0	-	-	42	93.3	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	35	2.2	1,431	89.9	1,430	89.9	1,492	93.8	1,591	100.0

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

Table C11: Number of samples and average yield of wet paddy by paddy variety, Sabah, Off Season 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	52	53	4,169
Tempatan	25	25	3,236
Padi Wangi	15	15	3,567
MR 159	5	5	4,797
Cileung	2	2	6,425
SABAH	99	100.0	3,808

UJIAN PENGERINGAN

Driage Tests

JABATAN PERTANIAN

JADUAL D1: SAMBUTAN UJIAN PENGERINGAN MENGIKUT NEGERI DAN STESEN PENGERINGAN, SEMENANJUNG MALAYSIA, LUAR MUSIM 2015

Table D1: Response of driage tests by state and driage station, Peninsular Malaysia, Off Season 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	16	0	16	100.0
KEDAH (L/MADA)				
2. Teluk Chengai	126	0	126	100.0
KELANTAN				
3. Lundang	248	0	248	100.0
MELAKA				
4. Pulau Gadong	25	0	25	100.0
N. SEMBILAN				
5. Sendayan	20	0	20	100.0
PAHANG				
6. Bukit Ubi	66	0	66	100.0
PERAK				
7. Titi Gantung	104	0	104	100.0
PERLIS (L/MADA)				
8. Bukit Temiang	50	0	50	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*	1,092	0	1,092	100.0
SABAH	60	6	54	90.0

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

Table D2: Driage test - Sample weight of wet paddy, dried paddy and cleaned paddy by state, Peninsular Malaysia, Off Season 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	20.7	0.914	0.847	13.0	0.857	6.7
KEDAH	1.000	20.8	0.880	0.777	11.5	0.799	10.3
KELANTAN	1.000	17.3	0.902	0.814	11.7	0.837	8.8
MELAKA	1.000	26.7	0.888	0.845	12.6	0.858	4.3
N. SEMBILAN	1.000	18.0	0.868	0.829	11.2	0.858	3.9
PAHANG	1.000	23.8	0.842	0.711	12.8	0.721	13.1
PERAK	1.000	22.2	0.852	0.721	10.4	0.751	13.1
PERLIS	1.000	24.8	0.856	0.815	12.1	0.833	4.1
PULAU PINANG	1.000	21.8	0.874	0.803	9.5	0.858	7.1
SELANGOR	1.000	24.7	0.846	0.798	9.5	0.833	4.8
TERENGGANU	1.000	25.2	0.835	0.751	11.9	0.769	8.4
SEM. MALAYSIA *Pen. Malaysia*	1.000	21.6	0.871	0.784	11.3	0.809	8.7
SABAH	1.000	18.0	0.931	0.803	12.7	0.815	12.8

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, LUAR MUSIM 2015

Table D3: Driage tests - Sample weights of wet paddy, dried paddy and cleaned paddy by granary area, Peninsular Malaysia, Off Season 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	24.0	0.884	0.816	11.4	0.841	4.7
KADA	1.000	17.6	0.894	0.811	11.7	0.832	8.3
IADA KERIAN	1.000	24.9	0.863	0.759	8.8	0.804	10.4
IADA BLS	1.000	24.7	0.846	0.798	9.5	0.833	4.8
IADA P. PINANG	1.000	21.8	0.874	0.803	9.5	0.858	7.1
IADA SEB PERAK	1.000	20.7	0.853	0.702	11.8	0.720	15.1
IADA KETARA	1.000	25.0	0.833	0.761	12.1	0.778	7.2
IADA KEM SEMERAK	1.000	17.1	0.916	0.828	11.5	0.860	8.8
IADA PEKAN	1.000	24.5	0.838	0.707	12.8	0.717	13.1
IADA ROMPIN	1.000	23.2	0.879	0.717	12.7	0.728	16.2
KESELURUHAN *Overall*	1.000	22.4	0.870	0.785	10.9	0.814	8.5

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, LUAR MUSIM 2015

Table D4: Driage tests - Sample weights of wet paddy, dried paddy and cleaned paddy by paddy variety, Peninsular Malaysia, Off Season 2015

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 219	1.000	20.8	0.865	0.769	11.4	0.792	9.6
MR 220	1.000	20.4	0.869	0.772	11.6	0.793	9.7
MR 220 CL1	1.000	23.3	0.877	0.816	11.9	0.834	6.1
MR 220 CL2	1.000	21.9	0.873	0.791	10.9	0.820	8.2
MR 253	1.000	17.0	0.890	0.783	10.1	0.819	10.7
MR 263	1.000	21.1	0.868	0.762	11.8	0.783	10.6
MR 269	1.000	23.1	0.853	0.747	12.0	0.766	10.6
MRQ 76	1.000	24.3	0.883	0.774	12.6	0.785	10.9

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, LUAR MUSIM 2015

Table D5: Conversion factor from average yield of wet paddy to average yield of dried paddy and average yield of cleaned by paddy class, Peninsular Malaysia, Off Season 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*	0.871	0.809
b. Kelas Sederhana *Medium grain*	-	-
(ii) Kawasan Jelapang Padi *Granary area*		
a. Kelas Panjang *Long grain*	0.870	0.814
b. Kelas Sederhana *Medium grain*	-	-

LAMPIRAN-LAMPIRAN

Appendices

JABATAN PERTANIAN

LAMPIRAN 1
Appendix

KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN KESELURUHAN PADI (PADI SAWAH DAN PADI HUMA) MENGIKUT NEGERI DAN MUSIM, MALAYSIA, 2015

Planted area, average yield of cleaned paddy and overall paddy production (Wetland Paddy and Dryland Paddy) by state and season, Malaysia, 2015

NEGERI *State*	SEMUA MUSIM 2015 *All Seasons 2015*			MUSIM UTAMA 2014/2015 *Main Season 2014/2015*			LUAR MUSIM 2015 *Off Season 2015*		
	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of*	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	3,010	4,030	12,130	1,540	3,926	6,046	1,470	4,139	6,084
KEDAH	215,065	4,440	954,974	107,276	4,063	435,862	107,789	4,816	519,112
KELANTAN	72,389	4,081	295,402	39,999	3,985	159,396	32,390	4,199	136,006
MELAKA	2,734	3,659	10,004	1,353	4,026	5,447	1,381	3,300	4,557
N.SEMBILAN	2,017	4,239	8,550	1,100	4,143	4,557	917	4,354	3,993
PAHANG	12,410	3,094	38,393	7,453	3,706	27,621	4,957	2,173	10,772
PERAK	81,714	4,201	343,283	40,822	4,170	170,228	40,892	4,232	173,055
PERLIS	52,072	4,747	247,190	26,029	4,468	116,298	26,043	5,026	130,892
P.PINANG	25,564	5,866	149,971	12,782	5,774	73,803	12,782	5,959	76,168
SELANGOR	38,114	6,305	240,290	19,057	6,117	116,572	19,057	6,492	123,718
TERENGGANU	16,336	4,856	79,320	8,838	5,220	46,134	7,498	4,426	33,186
SEM. MALAYSIA *Pen. Malaysia*	521,425	4,563	2,379,507	266,249	4,364	1,161,964	255,176	4,771	1,217,543
SABAH	38,687	3,091	119,571	28,239	3,086	87,142	10,448	3,104	32,429
SARAWAK	121,447	1,995	242,326	121,140	1,972	238,928	307	1,646	506
MALAYSIA	681,559	4,022	2,741,404	415,628	3,580	1,488,034	265,931	4,702	1,250,478

LAMPIRAN 2
Appendix

KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH MENGIKUT NEGERI DAN MUSIM, MALAYSIA, 2015

Planted area, average yield of cleaned paddy and production of Wetland Paddy by state and season, Malaysia, 2015

NEGERI *State*	SEMUA MUSIM 2015 *All Seasons 2015*			MUSIM UTAMA 2014/2015 *Main Season 2014/2015*			LUAR MUSIM 2015 *Off Season 2015*		
	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	3,010	4,030	12,130	1,540	3,926	6,046	1,470	4,139	6,084
KEDAH	215,065	4,440	954,974	107,276	4,063	435,862	107,789	4,816	519,112
KELANTAN	72,389	4,081	295,402	39,999	3,985	159,396	32,390	4,199	136,006
MELAKA	2,734	3,659	10,004	1,353	4,026	5,447	1,381	3,300	4,557
N.SEMBILAN	2,017	4,239	8,550	1,100	4,143	4,557	917	4,354	3,993
PAHANG	12,410	3,094	38,393	7,453	3,706	27,621	4,957	2,173	10,772
PERAK	81,714	4,201	343,283	40,822	4,170	170,228	40,892	4,232	173,055
PERLIS	52,072	4,747	247,190	26,029	4,468	116,298	26,043	5,026	130,892
P.PINANG	25,564	5,866	149,971	12,782	5,774	73,803	12,782	5,959	76,168
SELANGOR	38,114	6,305	240,290	19,057	6,117	116,572	19,057	6,492	123,718
TERENGGANU	16,336	4,856	79,320	8,838	5,220	46,134	7,498	4,426	33,186
SEM. MALAYSIA *Pen. Malaysia*	521,425	4,563	2,379,507	266,249	4,364	1,161,964	255,176	4,771	1,217,543
SABAH	32,582	3,387	110,357	22,134	3,521	77,928	10,448	3,104	32,429
SARAWAK	65,125	3,070	199,957	64,818	2,811	182,203	307	1,646	506
MALAYSIA	619,132	4,345	2,689,821	353,201	4,026	1,422,095	265,931	4,702	1,250,478

LAMPIRAN 3
Appendix

KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN
PADI HUMA (TANAH TINGGI DAN TANAH RENDAH) MENGIKUT NEGERI DAN MUSIM, MALAYSIA, 2015
Planted area, average yield of cleaned paddy and production of
Dryland Paddy (upland and lowland) by state and season, Malaysia, 2015

NEGERI *State*	SEMUA MUSIM 2015 *All Seasons 2015*			MUSIM UTAMA 2014/2015 *Main Season 2014/2015*			LUAR MUSIM 2015 *Off Season 2015*		
	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	6,105	1,509	9,214	6,105	1,509	9,214	-	-	-
SARAWAK	56,322	752	42,370	56,322	752	42,370	-	-	-
MALAYSIA	62,427	826	51,584	62,427	826	51,584	-	-	-

LAMPIRAN 4
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*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of*	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 5
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 6
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 7
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 METIK) *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 METIK) *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 METIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	666,766	3,471	2,314,286	417,119	3,183	1,327,547	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	679,315	4,194	2,848,852	416,261	3,796	1,580,256	263,054	4,823	1,268,596
2015	681,559	4,022	2,738,512	415,628	3,580	1,488,034	265,931	4,702	1,250,478

LAMPIRAN 8
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*	PENGELUARAN PADI (TAN METIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average*	PENGELUARAN PADI (TAN METIK) *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 METIK) *Paddy Production (Metric Tonne)*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2005	595,889	3,788	2,257,017	346,242	2,862	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
2014	615,783	4,521	2,784,208	352,729	4,297	1,515,612	263,054	4,823	1,268,596
2015	619,132	4,317	2,672,573	353,201	4,026	1,422,095	265,931	4,702	1,250,478

LAMPIRAN 9
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 METIK) *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 METIK) *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 METIK) *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	68,178	818	56,418	68,178	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 10
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 METIK) *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 METIK) *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 METIK) *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	-	-	-

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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 METIK) *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 METIK) *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 METIK) *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	-	-	-

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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*	PENGELUARAN PADI (TAN METRIK) *Paddy Production (Metric Tonne)*	KELUASAN BERTANAM (HEKTAR) *Planted Area (Hectare)*	PURATA HASIL PADI BERSIH (KG/HEKTAR) *Average Yield of Cleaned*	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	5,335	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	406,048	4,864	1,974,994	204,178	4,687	957,084	201,870	5,042	1,017,910

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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	191,853	4,884	936,995	95,349	4,480	427,164	96,504	5,283	509,831

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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	172,332	22,722	3,549	80,634	26,130	3,509	91,698
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	51,675	4,442	229,515	25,332	4,597	116,451	26,343	4,292	113,064

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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
2014	41,944	4,514	189,356	20,972	4,396	92,193	20,972	4,633	97,163
2015	41,944	4,508	189,063	20,972	4,500	94,374	20,972	4,515	94,689

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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	38,114	6,305	240,290	19,057	6,117	116,572	19,057	6,492	123,718

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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	25,564	5,866	149,971	12,782	5,774	73,803	12,782	5,959	76,168

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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	15,900	3,450	54,857	7,950	3,312	26,327	7,950	3,589	28,530
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	27,697	3,956	109,572	13,831	3,888	53,775	13,866	4,024	55,797

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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	9,752	5,437	53,021	4,876	5,805	28,305	4,876	5,069	24,716

LAMPIRAN 20
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	7,468	3,781	28,236	4,835	3,874	18,731	2,633	3,610	9,505

LAMPIRAN 21
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	6,763	2,571	17,387	4,561	2,737	12,483	2,202	2,227	4,904

LAMPIRAN 22
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	5,218	4,014	20,944	2,583	5,972	15,426	2,635	2,094	5,518

LAMPIRAN 23
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	521,425	4,563	2,379,507	266,249	4,364	1,161,964	255,176	4,771	1,217,543

LAMPIRAN 24
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	5,739	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	11,224	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	3,954	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	3,010	4,030	12,130	1,540	3,926	6,046	1,470	4,139	6,084

LAMPIRAN 25
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	215,065	4,440	954,974	107,276	4,063	435,862	107,789	4,816	519,112

LAMPIRAN 26
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	72,389	4,081	295,402	39,999	3,985	159,396	32,390	4,199	136,006

LAMPIRAN 27
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	2,734	3,659	10,004	1,353	4,026	5,447	1,381	3,300	4,557

LAMPIRAN 28
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	2,017	4,239	8,550	1,100	4,143	4,557	917	4,354	3,993

LAMPIRAN 29
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	12,410	3,094	38,393	7,453	3,706	27,621	4,957	2,173	10,772

LAMPIRAN 30
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	81,714	4,201	343,283	40,822	4,170	170,228	40,892	4,232	173,055

LAMPIRAN 31
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	52,072	4,747	247,190	26,029	4,468	116,298	26,043	5,026	130,892

LAMPIRAN 32
Appendix

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

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy for State of 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	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	25,564	5,866	149,971	12,782	5,774	73,803	12,782	5,959	76,168

LAMPIRAN 33
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	38,114	6,305	240,290	19,057	6,117	116,572	19,057	6,492	123,718

LAMPIRAN 34
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	16,336	4,856	79,320	8,838	5,220	46,134	7,498	4,426	33,186

LAMPIRAN 35
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	115,377	3,678	424,326	62,071	3,750	232,782	53,306	3,593	191,544

LAMPIRAN 36
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	3,010	4,030	12,130	1,540	3,926	6,046	1,470	4,139	6,084

LAMPIRAN 37
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	60,502	3,458	209,207	30,565	3,682	112,540	29,937	3,229	96,667

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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	13,246	2,921	38,688	9,832	2,613	25,691	3,414	3,807	12,997

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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	2,734	3,659	10,004	1,353	4,026	5,447	1,381	3,300	4,557

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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	2,017	4,239	8,550	1,100	4,143	4,557	917	4,354	3,993

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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	429	3,585	1,538	309	3,753	1,160	120	3,146	378

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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	12,073	4,393	53,035	6,019	4,435	26,694	6,054	4,351	26,341

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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	14,782	4,336	64,094	7,391	4,392	32,461	7,391	4,280	31,633

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Appendix

DATA SIRI MASA - KELUASAN BERTANAM, PURATA HASIL PADI BERSIH DAN PENGELUARAN PADI SAWAH (LUAR JELAPANG) BAGI NEGERI P.PINANG, 2005 - 2015

Time series data - Planted area, average yield of cleaned paddy and production of Wetland Paddy (Outside Granary Area) for State of 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	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	-	-	-	-	-	-	-	-	-

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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	-	-	-	-	-	-	-	-	-

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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	6,584	4,113	27,080	3,962	4,590	18,186	2,622	3,392	8,894

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DATA SIRI MASA - KELUASAN PASEL DAN KELUASAN BERTANAM PADI SAWAH (HEKTAR)
MENGIKUT NEGERI, SEMENANJUNG MALAYSIA, LUAR MUSIM 2005 - 2015
Time series data - Parcel and planted areas for Wetland Paddy (hectare)
by state, Peninsular Malaysia, Off 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)
2005	2,171	1,430	116,652	103,404	66,786	28,322	6,988	614	2,104	654	8,846	2,341	44,862	40,901	26,090	23,115	12,782	12,701	19,020	18,557	23,221	7,324	329,522	239,363
2006	2,171	1,348	116,263	103,790	63,441	31,309	4,051	717	2,104	607	6,976	3,798	44,862	40,892	26,172	26,096	12,782	12,782	19,019	18,746	23,120	7,357	320,961	247,442
2007	2,171	1,290	116,355	106,067	63,390	31,650	4,051	691	2,104	404	6,976	3,479	44,862	41,054	26,090	26,090	12,782	12,731	19,019	18,465	23,120	7,706	320,920	249,627
2008	2,171	810	116,355	104,995	63,390	29,053	4,051	1,289	2,104	572	6,976	2,992	44,862	40,216	26,090	26,090	12,782	12,782	19,019	18,590	23,120	7,799	320,920	245,188
2009	2,171	1,333	116,571	105,536	63,390	32,021	4,051	1,183	2,104	953	6,976	3,038	44,862	40,892	26,090	26,041	12,782	12,782	18,814	18,529	23,120	7,922	320,931	250,230
2010	2,171	1,437	116,571	107,106	63,390	28,348	4,051	1,146	2,104	1,167	6,976	3,730	44,862	40,739	26,090	25,912	12,782	12,782	18,814	18,743	23,120	7,768	320,931	248,878
2011	1,911	1,528	112,858	107,237	47,907	32,403	3,827	1,214	2,150	1,070	8,048	4,913	43,276	41,021	26,090	26,067	12,782	12,782	19,021	18,731	14,630	8,233	292,500	255,199
2012	1,911	1,503	112,858	106,625	47,907	21,986	3,827	1,260	2,150	735	8,048	3,881	43,276	41,037	26,090	26,059	12,782	12,782	19,021	18,934	14,630	8,241	292,500	243,043
2013	1,931	1,435	112,858	106,122	47,837	15,534	3,800	1,359	2,062	924	8,675	4,402	43,276	40,606	26,090	26,054	12,782	12,782	19,021	18,934	11,550	7,892	289,882	236,044
2014	1,931	1,421	112,858	106,072	47,837	29,866	3,800	1,370	2,062	910	8,675	4,529	43,276	40,542	26,090	26,029	12,782	12,782	19,021	18,917	11,550	7,502	289,882	249,940
2015	1,960	1,470	112,858	107,789	47,843	32,390	3,414	1,381	2,062	917	9,135	4,957	43,079	40,892	26,090	26,043	12,782	12,782	19,057	19,057	12,806	7,498	291,086	255,176

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Appendix

DATA SIRI MASA - KELUASAN PASEL DAN KELUASAN BERTANAM PADI SAWAH (HEKTAR)
MENGIKUT KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, LUAR MUSIM 2005 - 2015
Time series data - Parcel and planted areas for Wetland Paddy (hectare)
by granary area, Peninsular Malaysia, Off Season 2005 - 2015

JELAPANG PADI	MADA		KADA		IADA KERIAN		IADA BLS		IADA PULAU PINANG		IADA SEBERANG PERAK		IADA KETARA		IADA KEMASIN SEMERAK		IADA PEKAN		IADA ROMPIN		JUMLAH *Total*	
Granary 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)
2005	96,558	96,410	32,167	26,130	27,829	27,270	18,482	18,226	10,305	10,263	8,529	7,951	5,110	5,110	5,271	788	-	-	-	-	204,251	192,148
2006	96,558	96,410	32,167	25,776	27,829	26,988	18,482	18,355	10,305	10,305	8,529	7,951	5,156	4,920	5,271	1,801	-	-	-	-	204,297	192,506
2007	96,558	96,558	32,167	26,780	27,829	26,932	18,482	18,176	10,305	10,305	8,529	7,950	5,156	4,923	5,220	1,192	-	-	-	-	204,246	192,816
2008	96,558	96,547	32,167	25,459	27,829	26,846	18,482	18,301	10,305	10,305	8,529	7,271	5,156	4,923	5,220	1,295	-	-	-	-	204,246	190,947
2009	96,558	96,548	32,167	27,784	27,829	26,876	18,814	18,529	10,305	10,305	8,529	7,949	5,156	4,923	5,220	1,432	-	-	-	-	204,578	194,346
2010	96,558	96,556	32,167	24,071	27,829	26,594	18,814	18,743	10,305	10,305	8,529	8,233	5,156	4,923	5,220	1,780	-	-	-	-	204,578	191,205
2011	96,558	96,526	29,450	27,577	26,719	26,594	19,021	18,731	10,305	10,305	8,529	8,233	4,923	4,923	5,047	1,870	-	-	-	-	200,552	194,759
2012	96,558	95,893	29,450	18,405	26,719	26,594	19,021	18,934	10,305	10,305	8,529	8,233	4,923	4,876	5,047	1,155	-	-	-	-	200,552	184,395
2013	96,558	95,366	29,450	12,362	21,108	20,972	19,021	18,934	10,305	10,305	14,140	13,843	4,876	4,876	5,047	748	-	-	-	-	200,505	177,406
2014	96,558	95,348	29,450	25,139	21,108	20,972	19,021	18,917	12,782	12,782	14,140	13,791	4,876	4,876	5,047	1,749	4,940	1,707	2,920	2,575	210,842	197,856
2015	96,558	96,504	29,450	26,343	21,108	20,972	19,057	19,057	12,782	12,782	14,140	13,866	4,876	4,876	5,053	2,633	5,322	2,202	2,920	2,635	211,266	201,870

Catatan: *Notes:*

a **Penurunan keluasan pasel padi disebabkan persempadanan semula kawasan padi.**
Lower paddy parcel area due to changes in boundaries of paddy parcels.

b **Persempadanan semula kawasan padi.**
Changes in boundaries of paddy parcels.

c **Semakan semula keluasan pasel padi.**
Revision of paddy parcel area.

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Appendix

PENGGUNAAN VARIETI PADI MENGIKUT LUAR MUSIM, SEMENANJUNG MALAYSIA, 2011 - 2015
Usage of paddy varieties by Off Season, Peninsular Malaysia, 2011 - 2015

Luar Musim 2015 *Off Season 2015*			Luar Musim 2014 *Off Season 2014*			Luar Musim 2013 *Off Season 2013*			Luar Musim 2012 *Off Season 2012*			Luar Musim 2011 *Off Season 2011*		
Varieti *Variety*	Bilangan *Number*	%	Varieti *Variety*	Bilangan *Number*	%	Varieti *Variety*	Bilangan *Number*	%	Varieti *Variety*	Bilangan *Number*	%	Varieti *Variety*	Bilangan *Number*	%
(1)	(2)	(3)	(4)	(5)	(6)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
MR 219	156	6.9	MR 219	289	12.7	MR 219	1,080	48.8	MR 219	1,747	80.7	MR 219	2,040	90.4
MR 220	95	4.2	MR 220	134	5.9	MR 220 CL1	82	3.7	MR 220	189	8.7	MR 220	208	9.2
MR 220 CL1	19	0.8	MR 220 CL1	68	3.0	MR 220	252	11.4	MR 220 CL1	162	7.5	MR 211	2	0.1
MR 220 CL2	1,394	61.6	MR 220 CL2	1,181	51.8	MR 220 CL2	582	26.3	MR 253	29	1.30	MR 84	1	0.0
MR 253	5	0.2	MR 253	2	0.1	MR 263	166	7.5	MR 220 CL2	18	0.80	MR 276	1	0.04
MR 263	469	20.7	MR 263	410	18.0	MR 253	40	1.8	MR 263	8	0.40	MR 185	1	0.04
MR 269	114	5.0	MR 269	186	8.2	MR 269	6	0.3	MR 185	4	0.2	MR 220 CL	3	0.10
MRQ 76	10	0.4	MRQ 76	9	0.4	MR 211	3	0.1	MR 276	3	0.1			
		0.0							MR 211	2	0.1			
									MR 84	2	0.1			
JUMLAH *Total*	2,262	100.0	JUMLAH *Total*	2,279	100.0	JUMLAH *Total*	2,164	100.0	JUMLAH *Total*	2,256	100.0	JUMLAH *Total*	2,176	100.0

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Appendix

ALIRAN FAKTOR PADI KERING DAN PADI BERSIH SERTA PERATUS HAMPA MENGIKUT NEGERI DAN LUAR MUSIM, MALAYSIA, 2012 - 2015

Trend factors of dried paddy and cleaned paddy and percentage of unfilled grain by state and Off Season, Malaysia, 2012 - 2015

Negeri *State*	Luar Musim 2015 *Off Season 2015*				Luar Musim 2014 *Off Season 2014*				Luar Musim 2013 *Off Season 2013*				Luar Musim 2012 *Off Season 2012*			
	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)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
JOHOR	16	0.914	0.857	6.7	16	0.815	0.741	8.1	16	0.914	0.858	7.0	18	0.905	0.831	7.8
KEDAH	246	0.880	0.799	10.3	246	0.879	0.821	8.1	237	0.890	0.795	11.7	248	0.890	0.795	11.7
KELANTAN	248	0.902	0.837	8.8	259	0.893	0.838	7.7	258	0.903	0.865	5.6	176	0.900	0.882	3.2
MELAKA	25	0.888	0.858	4.3	25	0.880	0.822	7.3	25	0.871	0.821	6.1	24	0.871	0.821	6.1
N. SEMBILAN	20	0.868	0.858	3.9	20	0.869	0.853	3.7	20	0.855	0.853	1.9	20	0.855	0.853	1.9
PAHANG	66	0.842	0.721	13.1	53	0.868	0.839	4.4	53	0.879	0.843	4.6	26	0.853	0.791	8.4
PERAK	104	0.852	0.751	13.1	184	0.851	0.759	11.9	184	0.839	0.795	7.3	184	0.839	0.795	7.3
PERLIS	90	0.856	0.833	4.1	90	0.845	0.830	3.3	90	0.848	0.827	3.6	90	0.848	0.827	3.6
P. PINANG	72	0.874	0.858	7.1	72	0.862	0.853	3.8	72	0.826	0.822	4.0	72	0.827	0.801	5.6
SELANGOR	110	0.846	0.833	4.8	110	0.882	0.851	8.4	110	0.881	0.846	5.2	110	0.881	0.846	9.8
TERENGGANU	95	0.835	0.769	8.4	99	0.890	0.847	5.9	85	0.864	0.789	9.1	85	0.889	0.809	9.5
SEM. MALAYSIA *Pen. Malaysia*	1,092	0.871	0.809	8.7	1,174	0.874	0.823	7.6	1,150	0.874	0.824	7.1	1,053	0.872	0.821	7.6
SABAH	54	0.931	0.815	12.8	40	0.838	0.743	10.6	47	0.847	0.827	2.0	54	0.943	0.851	10.4
SARAWAK	-	0.940	0.881	5.9	-	0.940	0.881	5.9	-	0.940	0.881	5.9	-	0.936	0.845	9.1

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

* **Menggunakan faktor-faktor kering dan bersih Semenanjung Malaysia.**
Factors for dried and cleaned paddy of Peninsular Malaysia were used.

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Appendix

ALIRAN FAKTOR PADI KERING DAN PADI BERSIH SERTA PERATUS HAMPA MENGIKUT KAWASAN JELAPANG PADI DAN LUAR MUSIM, SEMENANJUNG MALAYSIA, 2012 - 2015

Trend factors of dried paddy and cleaned paddy and percentage of unfilled grain by granary area and Off Season, Peninsular Malaysia, 2012 - 2015

JELAPANG PADI *Granary Area*	Luar Musim 2015 *Off Season 2015*				Luar Musim 2014 *Off Season 2014*				Luar Musim 2013 *Off Season 2013*				Luar Musim 2012 *Off Season 2012*			
	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)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
MADA	160	0.884	0.841	4.7	160	0.871	0.848	4.7	160	0.872	0.844	4.9	160	0.872	0.844	4.9
KADA	118	0.894	0.832	8.3	118	0.889	0.835	7.3	118	0.906	0.870	5.5	113	0.896	0.880	3.1
IADA KERIAN	78	0.863	0.804	10.4	78	0.855	0.845	4.7	78	0.836	0.826	5.3	105	0.836	0.826	5.3
IADA BLS	110	0.846	0.833	4.8	110	0.882	0.851	8.4	110	0.881	0.846	5.2	110	0.881	0.846	9.8
IADA P. PINANG	72	0.874	0.858	7.1	72	0.862	0.853	3.8	46	0.828	0.818	3.9	44	0.831	0.805	5.7
IADA SEB PERAK	70	0.853	0.720	15.1	70	0.852	0.726	14.7	70	0.843	0.800	6.2	43	0.843	0.800	6.2
IADA KETARA	43	0.833	0.778	7.2	43	0.882	0.830	6.8	42	0.867	0.809	7.6	42	0.901	0.843	7.5
IADA KEM SEMERAK	34	0.916	0.860	8.8	34	0.906	0.875	5.2	34	0.912	0.869	5.9	30	0.906	0.889	3.0
IADA PEKAN	35	0.838	0.717	13.1	33	0.871	0.853	3.7	-	-	-	-	-	-	-	-
IADA ROMPIN	12	0.879	0.728	16.2	10	0.881	0.832	5.1	-	-	-	-	-	-	-	-
KESELURUHAN *Overall*	732	0.870	0.814	8.5	728	0.874	0.835	6.7	647	0.871	0.844	5.7	598	0.855	0.831	5.0

Catatan: KWB Kelembapan Wap Basah
Notes: MC Moisture Content

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Appendix

INSIDEN PENYAKIT DAN PEROSAK, BENCANA, RUMPAI SERTA PADI REBAH DI LOKASI PERSAMPELAN MENGIKUT NEGERI SEMENANJUNG MALAYSIA, LUAR MUSIM 2015

Location of Sample Incidents of Pest and Diseases, Disaster, Weeds and Lodge by state, Peninsular Malaysia, Off Season 2015

NEGERI *State*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	PENYAKIT DAN PEROSAK *Pests and diseases*								BENCANA *Disaster*				RUMPAI *Weeds*		PADI REBAH *Lodge*		LAIN-LAIN *Others*	
		SERANGGA *Insects*		BINATANG *Animals*		PENYAKIT *Diseases*		PUT GONDANG EM *Golden Apple Snai*		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	9	33.3	1	3.7	9	33.3	-	-	3	11.1	-	-	6	22.2	-	-	3	11.1
KEDAH	740	329	44.5	21	2.8	410	55.4	100	13.5	35	4.7	10	1.4	153	20.7	205	27.7	-	-
KELANTAN	480	295	61.5	248	51.7	135	28.1	74	15.4	63	13.1	12	2.5	273	56.9	16	3.3	-	-
MELAKA	38	32	84.2	15	39.5	24	63.2	-	-	2	5.3	-	-	24	63.2	-	-	-	-
N.SEMBILAN	30	12	40.0	9	30.0	10	33.3	-	-	3	10.0	-	-	12	40.0	-	-	-	-
PAHANG	81	30	37.0	18	22.2	16	19.8	6	7.4	3	3.7	-	-	48	59.3	1	1.2	-	-
PERAK	304	199	65.5	92	30.3	172	56.6	4	1.3	10	3.3	9	3.0	184	60.5	4	1.3	-	-
PERLIS	200	107	53.5	11	5.5	129	64.5	-	-	10	5.0	4	2.0	81	40.5	77	38.5	-	-
P. PINANG	111	51	45.9	16	32.0	32	28.8	-	-	3	2.7	1	0.9	22	19.8	20	18.0	-	-
SELANGOR	110	70	63.6	11	32.0	32	29.1	-	-	7	6.4	-	-	37	33.6	10	9.1	-	-
TERENGGANU	141	117	83.0	79	56.0	41	29.1	-	-	10	7.1	3	2.1	106	75.2	3	2.1	-	-
SEM. MALAYSIA *Pen. Malaysia*	2,262	1,251	55.3	521	23.0	1,010	44.7	184	8.1	149	6.6	39	1.7	946	41.8	336	14.9	3	0.1
SABAH	99	61	62.0	63	64.0	2	2.0	9	9.0	19	19.0	3	3.0	40	40.0	22	22.0	6	6.0

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Appendix

INSIDEN PENYAKIT DAN PEROSAK, BENCANA, RUMPAI SERTA PADI REBAH DI LOKASI PERSAMPELAN MENGIKUT KAWASAN JELAPANG PADI, SEMENANJUNG MALAYSIA, LUAR MUSIM 2015

Location of Sample Incidents of Pest and Diseases, Disaster, Weeds and Lodge by Granary Area, Peninsular Malaysia, Off Season 2015

JELAPANG PADI *Granary area*	BILANGAN SAMPEL DIANALISIS *Number of samples analysed*	PENYAKIT DAN PEROSAK *Pests and diseases*								BENCANA *Disaster*				RUMPAI *Weeds*		PADI REBAH *Lodge*		LAIN-LAIN *Others*	
		SERANGGA *Insects*		BINATANG *Animals*		PENYAKIT *Diseases*		UT GONDANG EM *Golden Apple Snai*		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	294	43.6	12	1.8	416	61.6	100	14.8	1	0.1	1	0.1	144	21.3	398	59.0	-	-
KADA	273	160	58.6	212	77.7	82	30.0	71	26.0	18	6.6	-	-	134	49.1	14	5.1	-	-
IADA KERIAN	156	126	80.8	67	42.9	87	55.8	-	-	7	4.5	6	3.8	89	57.1	-	-	-	-
IADA BLS	110	70	63.6	11	32.0	32	29.1	-	-	7	6.4	-	-	37	33.6	10	9.1	-	-
IADA P. PINANG	111	51	45.9	16	32	32	28.8	-	-	3	2.7	1	0.9	22	19.8	20	18	-	-
IADA SEB PERAK	97	61	62.9	19	19.6	73	75.3	-	-	-	-	-	-	68	70.1	1	1.0	-	-
IADA KETARA	61	40	65.6	40	65.6	7	11.5	-	-	-	-	-	-	40	65.6	-	-	-	-
IADA KEM SEMERAK	51	42	82.4	12	23.5	17	33.3	-	-	6	11.8	-	-	42	82.4	2	3.9	-	-
IADA PEKAN	45	12	26.7	15	33.3	12	26.7	6	13.3	3	6.7	-	-	24	53.3	-	-	-	-
IADA ROMPIN	12	6	50.0	3	25.0	6	50.0	-	-	-	-	-	-	12	100.0	-	-	-	-
JUMLAH *Total*	1591	862	54.2	407	25.6	764	48.0	177	11.1	45	2.8	8	0.5	612	38.5	445	28.0	0	0.0

AHLI JAWATANKUASA PELAKSANAAN PENYIASATAN PENGELUARAN PADI (PPP) PERINGKAT KEBANGSAAN

Members of the Implementation Committee on Paddy Production Survey (PPS) at National Level

JABATAN PERTANIAN

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)

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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)*

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