ISSN-2012-0478

7th Edition

CROPS STATISTICS OF THE PHILIPPINES

2005-2009

NATIONAL AND REGIONAL

Republic of the Philippines
Department of Agriculture
BUREAU OF AGRICULTURAL STATISTICS

September 2010

TERMS OF USE

Crops Statistics of the Philippines is a publication of the Bureau of Agricultural Statistics (BAS), Department of Agriculture. The BAS reserves exclusive right to reproduce this publication in whatever form. Should any portion of this publication be included in a report/article, the title of the publication and the BAS should be cited as the source of data. The BAS will not be responsible for any information derived from the processing of data contained in this publication.

ISSN-2012-0478

Please direct technical inquiries to the Office of the Director

Bureau of Agricultural Statistics
Ben-Lor Building, 1184 Quezon Avenue
Quezon City 1100
Philippines.

Email: info@bas.gov.ph
Website: www.bas.gov.ph

FOREWORD

This is the seventh issue of Crops Statistics of the Philippines, an annual publication of the Bureau of Agricultural Statistics (BAS). As in the previous issues, this report presents annual production statistics of 21 major crops and 20 minor priority crops with national and regional levels of disaggregation. These crops are classified into Cereals, Fruit Crops, Non-Food and Industrial Crops and Vegetables and Root Crops. In the case of banana and mango, production statistics are disaggregated by major variety. The reference period is 2005 to 2009.

The production statistics are presented in the order of the above crop classification. Each classification is preceded by a brief description of the trends of area, production and yield and the major factors affecting these trends and the major producing regions.

This report was prepared by the Crops Statistics Division (CSD) of the BAS. It serves as a ready reference for various stakeholders in the crops subsector of agriculture. The BAS continuously pursues the improvement of the delivery of its products and services. Hence, it welcomes comments and suggestions from the readers for further improvement of this report.

ROMEO S. RECIDE
Director

Quezon City, Philippines
September 2010

TABLE OF CONTENTS

PAGE

FOREWORD i

TABLE OF CONTENTS ii

EXPLANATORY NOTES xi

STATISTICAL TABLES

I. SUMMARY STATISTICS - NATIONAL 1

Table 1.0 ANNUAL PRODUCTION OF SELECTED CROPS, PHILIPPINES, 2005-2009 3

Table 2.0 ANNUAL AREA PLANTED/HARVESTED OF SELECTED CROPS, PHILIPPINES, 2005-2009 4

Table 3.0 ANNUAL YIELD PER HECTARE OF SELECTED CROPS, PHILIPPINES, 2005-2009 5

Table 4.0 ANNUAL NUMBER OF BEARING TREES/HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE/HILLS, PHILIPPINES, 2005-2009 6

II. REGIONAL STATISTICS

A. CEREALS 7

HIGHLIGHTS 9

Table 2.1 PALAY: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 11

Table 2.2 IRRIGATED PALAY: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 12

Table 2.3 RAINFED PALAY: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 13

HIGHLIGHTS 14

Table 2.4 CORN: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 16

Table 2.5 WHITE CORN: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 17

Table 2.6 YELLOW CORN: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 18

TABLE OF CONTENTS (CON'T.)

PAGE

B. FRUIT CROPS 19

HIGHLIGHTS 21

Table 3.1 BANANA: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……23

Table 3.1a BANANA: NUMBER OF BEARING HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2005-2009 ……..24

Table 3.1.1 BANANA CAVENDISH: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……..25

Table 3.1.1a BANANA CAVENDISH: NUMBER OF BEARING HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2005-2009 ……...26

Table 3.1.2 BANANA LACATAN: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……...27

Table 3.1.2a BANANA LACATAN: NUMBER OF BEARING HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2005-2009 ……28

Table 3.1.3 BANANA SABA: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……29

Table 3.1.3a BANANA SABA: NUMBER OF BEARING HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2005-2009 ……30

HIGHLIGHTS 31

Table 3.2 CALAMANSI: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……32

Table 3.2a CALAMANSI: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009 ……33

Table 3.3 DURIAN: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……34

Table 3.3a DURIAN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009 ……35

TABLE OF CONTENTS (CON'T.)

PAGE

Table 3.4 LANZONES: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……..36

Table 3.4a LANZONES: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009 …….. 37

Table 3.5 MANDARIN: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 …….. 38

Table 3.5a MANDARIN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009 …….. 39

HIGHLIGHTS **40**

Table 3.6 MANGO: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 …….. 42

Table 3.6a MANGO: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009 …….. 43

Table 3.6.1 MANGO CARABAO: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 …… 44

Table 3.6.1a MANGO CARABAO: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009 …….. 45

Table 3.7 MANGOSTEEN: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 …….. 46

Table 3.7a MANGOSTEEN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009 …….. 47

Table 3.8 ORANGE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 …….. 48

Table 3.8a ORANGE: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009 …….. 49

Table 3.9 PAPAYA: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 …….. 50

Table 3.9a PAPAYA: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009 …….. .51

TABLE OF CONTENTS (CON'T.)

PAGE

HIGHLIGHTS 52

Table 3.10 PINEAPPLE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……53

Table 3.11 RAMBUTAN: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……54

Table 3.11a RAMBUTAN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009 ……55

Table 3.12 TAMARIND FRUIT: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……56

Table 3.12a TAMARIND FRUIT: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009 ……57

Table 3.13 WATERMELON: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……58

C. NON-FOOD AND INDUSTRIAL CROPS 59

HIGHLIGHTS 61

Table 4.1 ABACA: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……62

HIGHLIGHTS 63

Table 4.2 CACAO: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……64

Table 4.2a CACAO: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE BY REGION, PHILIPPINES, 2005-2009 ……..65

HIGHLIGHTS 66

Table 4.3 CASHEW: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……67

Table 4.3a CASHEW: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE BY REGION, PHILIPPINES, 2005-2009 ……..68

TABLE OF CONTENTS (CON'T.)

PAGE

HIGHLIGHTS 69

Table 4.4 COCONUT: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……70

Table 4.4a COCONUT: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009 ……71

HIGHLIGHTS 72

Table 4.5 COFFEE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……73

Table 4.5a COFFEE: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009 ……74

Table 4.5.1 COFFEE ARABICA: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……75

Table 4.5.1a COFFEE ARABICA: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009 ……..76

Table 4.5.2 COFFEE EXCELSA: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……77

Table 4.5.2a COFFEE EXCELSA: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009 ……..78

Table 4.5.3 COFFEE LIBERICA: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……79

Table 4.5.3a COFFEE LIBERICA: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE BY REGION, PHILIPPINES, 2005-2009 ……..80

Table 4.5.4 COFFEE ROBUSTA: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……81

Table 4.5.4a COFFEE ROBUSTA: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE BY REGION, PHILIPPINES, 2005-2009 ……..82

TABLE OF CONTENTS (CON'T.)

PAGE

HIGHLIGHTS **83**

Table 4.6 COTTON: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……84

HIGHLIGHTS **85**

Table 4.7 RUBBER: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……86

Table 4.7a RUBBER: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009 ……..87

HIGHLIGHTS **88**

Table 4.8 SUGARCANE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……89

HIGHLIGHTS **90**

Table 4.9 TOBACCO: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……91

Table 4.9.1 TOBACCO NATIVE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……..92

Table 4.9.2 TOBACCO VIRGINIA: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……..93

D. VEGETABLES, ROOT CROPS & TUBERS **95**

HIGHLIGHTS **97**

Table 5.1 CABBAGE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……98

HIGHLIGHTS **99**

Table 5.2 CAMOTE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……100

HIGHLIGHTS **101**

Table 5.3 CASSAVA: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……102

TABLE OF CONTENTS (CON'T.)

PAGE

HIGHLIGHTS **103**

Table 5.4 EGGPLANT: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……104

HIGHLIGHTS **105**

Table 5.5 GARLIC: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……106

HIGHLIGHTS **107**

Table 5.6 MONGO: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……108

HIGHLIGHTS **109**

Table 5.7 ONION: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……110

HIGHLIGHTS **111**

Table 5.8 PEANUT: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……112

HIGHLIGHTS **113**

Table 5.9 TOMATO: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……114

HIGHLIGHTS **115**

Table 5.10 ASPARAGUS: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……116

Table 5.11 BROCCOLI: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……117

Table 5.12 CARROTS: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……118

Table 5.13 CAULIFLOWER: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……..119

TABLE OF CONTENTS (CON'T.)

PAGE

Table 5.14 GABI: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……120

Table 5.15 GINGER: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……121

Table 5.16 GOURD: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2003-2009 ……122

Table 5.17 HABITCHUELAS: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 …….. 123

Table 5.18 LETTUCE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……124

Table 5.19 OKRA: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……125

Table 5.20 PECHAY CHINESE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 …….. 126

Table 5.21 PECHAY NATIVE: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 …….. 127

Table 5.22 UBI: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……128

Table 5.23 WHITE POTATO: PRODUCTION, AREA AND YIELD PER HECTARE BY REGION, PHILIPPINES, 2005-2009 ……129

EXPLANATORY NOTES

Scope and Coverage

Crop production statistics are generated for all regions and provinces except Batanes. Quarterly crop surveys cover all commodities, however, this publication focuses on the following forty seven (47) major and priority crops:

	MAJOR CROPS	PRIORITY CROPS
CEREALS	Palay and corn	
FRUIT CROPS	Banana, calamansi, mango, pineapple	Durian, mandarin, mangosteen, lanzones, papaya, rambutan, orange, watermelon, tamarind
NON-FOOD & INDUSTRIAL CROPS	Abaca, coconut, coffee, rubber, sugarcane tobacco	Cacao, cashew, cotton
VEGETABLES, ROOTCROPS & TUBERS	Cabbage, camote, cassava, onion, eggplant, garlic, mongo, peanut, tomato	Asparagus, broccoli, carrots cauliflower, gabi, ginger, gourd, habitchuelas, lettuce, okra, pechay-chinese, pechay-native ubi, white potato

Sampling Methodology

The sampling design of Palay and Corn Production Survey (PCPS) was based on the results of 1991 Census of Agriculture (CAF). The survey domain was the province. It employ's a replicated two-stage stratified sampling design. The barangay was the primary sampling unit (psu), which was selected using a probability proportional to size (pps) scheme. The farming household served as the secondary sampling unit (ssu), which was selected systematically.

A non-probability survey was employed for *other crops*, crops other than palay and corn. A "5 x 5" design was used in the selection of samples with the province as the domain. The top five (5) producing municipalities were chosen from each province. From each of these municipalities, five (5) sample farmers were selected as respondents.

In this two-stage design, the municipalities served as the primary sampling units (psu), and farm households as the ultimate sampling units (usu).

Data Collection

For cereals, data collection is done quarterly during the first twelve (12) days of the month after the reference quarter. For other crops, quarterly data collection is conducted simultaneously with the monthly Farm Prices Survey (FPS) in the last ten (10) days of February, May, August and November.

Each round of the PCPS generates the following: (1) Final estimate of production for the immediate past quarter of the current survey round; (2) Forecast production for the current quarter based on standing crop; and (3) Forecast production for the next quarter based on planting intentions of farmers.

Data Review and Analysis

Data review and analysis are conducted quarterly to ascertain the accuracy of the data collected from probability and non-probability surveys. These activities start at the Provincial Operations Center (POC) after data processing using prescribed review materials. All provincial estimates undergo further data review at the regional level. All validated regional and provincial estimates are brought to the Central Office for final review. The BAS Director presides over the National Data Review, which is participated in by the Assistant Director and Division Chiefs, Regional Agricultural Statistics Officer (RASOs) and commodity specialists.

Concepts and Definitions

The following concepts and definitions are used in the generation of statistics for crops.

Area Harvested - The actual area from which harvests are realized. This excludes crop area totally damaged. It maybe smaller than area planted. In crop statistics, this applies to temporary crops.

Area Planted - The actual physical area planted to a permanent crop. This generally applies to area reported for permanent fruit crops.

Bearing Trees/Hills/Vines - Trees/hills/vines where harvesting has been made ithe past but may or may not have borne fruits during the reference period due to cyclical production pattern of the crop. Hills applies to banana.

Effective Crop Area Harvested - The actual area from which harvests are realized which is counted as many times as it was planted and harvested to same crops or different crops during the reference period. This concept applies to the harvest area reported for temporary crops such as rice, corn, vegetables, rootcrops and tubers and temporary fruit crops.

High Yielding Variety	-	An improved cultivated variety with significantly higher Yield and better quality under specific environment and improved farming conditions and practices than the traditional seed varieties being used; or any agricultural crop variety that can equal or exceed the yield of the current commercially grown variety in a particular locality. HYV may be locally or foreign bred.
Industrial Crops	-	Crops which are used as inputs to other industries. Examples are: rubber, castor beans, abaca and oil palm.
Irrigated Palay	-	Palay which needs standing water for its normal growth. It is one that requires irrigation water made available through artificial means (gravity, force, power pumps, etc.) It is not confined to lowlands but also to higher places where paddies are built for planting palay.
Major Crops	-	The top 21 crops including palay and corn which collectively account for about 95 percent of the total agricultural crop production. These include coconut, sugarcane, banana, pineapple, coffee, mango, tobacco, abaca, peanut, mongo, cassava, camote, tomato, garlic, onion, cabbage, eggplant, calamansi and rubber.
Minor Crops	-	All the crops other than the major crops monitored by the Bureau. This group accounts for about 5% of the total crop production.
Non-Food Crops	-	Crops other than for food consumption. These are crops grown for their aesthetic values such as ornamental plants and cutflowers. There also includes agriculture-derived products such as rice hay and coconut leaves.
Permanent/Perennial Crops	-	Crops which occupy the land for a long period of time and do not need to be replaced after each harvest such as fruit trees, shrubs, nuts, etc. These crops may be productive, i.e., have already borne fruits or capable of bearing fruits. Examples are: avocado, coffee, coconut and other fruit trees.
Priority Crops	-	The identified national banner crops and various regional priority crops of the Key Commercial Crops Development Program (KCCDP), High Value Commercial Crops (HVCC) Program and now the Key Commodity Road Maps of the Department of Agriculture, which are being developed because of their industrial and commercial potentials. Examples are: cashew, durian, highland vegetables, papaya, lanzones, ginger, etc.

Production	-	The quantity produced and actually harvested for a particular crop during the reference period. It includes those harvested but damaged, stolen, given away, consumed, given as harvester's share, reserved etc. Excluded are those produced but not harvested due to low price, lack of demand and force majeure or fortuitous events, etc.
Rainfed Palay	-	Consists of lowland and upland palay. Lowland palay requires standing water for its normal growth but depends only on rainfall. Paddies were built to hold water. Upland palay does not require standing water for its normal growth and is usually grown on soil usually dry on the surface. It also depends only on rainfall. Both are not necessarily confined to lowlands but also to higher places or hillsides.
Root Crops	-	Crops with well developed underground edible roots. They are classified into tubers and roots. Roots which are more starchy and rich in carbohydrates include gabi, ubi and white potato. Tubers include beets, radish, carrots and turnips.
Temporary Crops	-	Crops which are grown seasonally and which growing cycle is less than one year and which must be sown and planted again for production after each harvest.
Vegetable Crops	-	Mostly temporary crops which are either classified agronomically as such or based on purpose for which they are used, like jackfruit which on their young stage, are classified as vegetables.
White Corn	-	Corn kernels of white color with no more than two (2) percent of other colors.
Yellow Corn	-	Yellow corn kernels with not more than two (2) percent of other colors. A slight tinge of other colors, other than yellow, shall not affect their qualification as yellow corn.
Yield	-	An indicator of productivity derived by dividing total production by the area harvested for temporary crops or by the total bearing trees among permanent crops. Unit is in metric ton per hectare or kilograms per bearing tree.

I. SUMMARY STATISTICS NATIONAL

Table 1.0 ANNUAL PRODUCTION OF SELECTED CROPS, PHILIPPINES, 2005-2009

(IN METRIC TONS)

Crop	2005	2006	2007	2008	2009
Cereals					
Palay	14,603,005	15,326,706	16,240,194	16,815,548	16,266,417
Irrigated	11,233,793	11,594,933	12,269,390	12,556,150	12,083,264
Rainfed	3,369,212	3,731,773	3,970,804	4,259,398	4,183,153
Corn	5,253,160	6,082,109	6,736,940	6,928,225	7,034,033
White	2,251,617	2,360,840	2,527,633	2,254,567	2,316,434
Yellow	3,001,543	3,721,269	4,209,307	4,673,658	4,717,599
Fruit Crops					
Banana	6,298,225	6,794,564	7,484,073	8,687,624	9,013,186
Cavendish	*2,490,271*	*2,810,985*	*3,323,072*	*4,328,989*	*4,497,722*
Lacatan	*774,050*	*836,016*	*875,271*	*890,702*	*916,932*
Saba	*2,204,393*	*2,285,809*	*2,385,614*	*2,526,835*	*2,636,342*
Calamansi	200,808	196,595	201,619	199,675	192,187
Durian	47,296	48,465	73,250	51,399	55,727
Lanzones	59,769	50,012	58,258	7,407	15,341
Mandarin	20,360	24,880	25,281	22,743	20,376
Mango	984,342	919,030	1,023,907	884,011	771,441
Carabao	*797,203*	*738,660*	*828,412*	*712,409*	*621,279*
Mangosteen	5,152	4,494	4,683	866	1,567
Orange	5,794	5,234	5,148	4,870	4,663
Papaya	146,628	157,120	164,234	182,907	176,656
Pineapple	1,788,218	1,833,908	2,016,462	2,209,336	2,198,497
Rambutan	15,466	13,405	14,915	8,553	9,435
Tamarind Fruit	13,562	12,491	11,804	11,052	10,063
Watermelon	115,075	117,254	125,863	103,248	97,106
Non Food & Industrial Crops					
Abaca	74,014	69,802	66,437	68,386	65,825
Cacao	5,679	5,415	5,237	5,149	5,134
Cashew	116,533	113,071	112,558	112,334	111,993
Coconut	14,824,585	14,957,910	14,852,927	15,319,527	15,667,565
Coffee	105,847	104,093	97,877	97,428	96,433
Arabica	*20,672*	*20,315*	*19,739*	*19,677*	*19,655*
Excelsa	*8,923*	*8,326*	*7,129*	*6,763*	*6,572*
Liberica	*833*	*783*	*683*	*672*	*659*
Robusta	*75,174*	*74,453*	*70,122*	*70,112*	*69,350*
Cotton	5,157	2,640	1,360	738	127
Rubber	315,636	351,556	404,072	411,044	390,962
Sugarcane	22,917,674	24,345,106	22,235,297	26,601,384	22,932,819
Tobacco	45,093	38,368	34,289	32,466	36,383
Native	*12,593*	*6,715*	*8,158*	*10,047*	*10,416*
Virginia	*20,899*	*19,407*	*19,737*	*15,125*	*16,578*
Vegetables, Root Crops & Tubers					
Asparagus	25,231	21,938	14,845	11,891	7,121
Brocolli	2,072	2,265	2,370	2,603	2,685
Cabbage	91,439	91,243	123,443	128,865	124,712
Camote	574,629	566,773	573,734	572,655	560,516
Carrots	35,418	35,694	65,024	68,366	68,328
Cassava	1,677,564	1,756,856	1,871,138	1,941,574	2,043,719
Cauliflower	10,641	10,489	10,148	10,758	10,559
Eggplant	187,793	191,911	210,156	199,579	200,942
Gabi	109,700	111,942	113,954	115,956	115,218
Garlic	13,234	12,581	11,285	11,348	10,451
Ginger	24,700	27,261	27,946	27,538	27,415
Gourd	120,423	113,421	106,291	104,029	102,787
Habitchuelas	12,049	13,493	15,922	16,897	16,187
Lettuce	3,386	3,348	3,335	3,566	3,577
Mongo	26,748	25,952	29,067	29,617	27,694
Okra	25,958	26,709	27,886	29,485	29,710
Onion	82,019	75,978	146,108	128,923	127,055
Peanut	28,437	29,151	31,205	30,247	30,978
Pechay-Chinese	37,062	37,171	48,233	50,099	49,451
Pechay-Native	43,578	43,077	45,039	45,396	44,922
Tomato	173,740	175,596	188,761	195,810	198,948
Ubi	29,256	30,074	29,265	24,185	22,567
White Potato	70,160	69,461	118,497	121,311	119,159

Table 2.0: ANNUAL AREA PLANTED/HARVESTED OF SELECTED CROPS, PHILIPPINES, 2005-2009

(IN HECTARES)

Crop	2005	2006	2007	2008	2009
Cereals					
Palay	4,070,421	4,159,930	4,272,889	4,459,977	4,532,310
Irrigated	2,791,721	2,827,886	2,917,012	3,032,638	3,055,763
Rainfed	1,278,700	1,332,044	1,355,877	1,427,339	1,476,547
Corn	2,441,788	2,570,673	2,648,317	2,661,021	2,683,890
White	1,492,202	1,471,453	1,469,327	1,367,410	1,402,845
Yellow	949,586	1,099,220	1,178,990	1,293,611	1,281,045
Fruit Crops					
Banana	417,755	428,804	436,762	438,593	446,371
Cavendish	*51,568*	*67,803*	*74,013*	*75,151*	*77,599*
Lacatan	*52,315*	*52,377*	*53,155*	*53,591*	*56,252*
Saba	*185,168*	*181,568*	*183,028*	*183,139*	*185,118*
Calamansi	20,209	20,253	20,545	20,956	20,912
Durian	13,769	15,673	17,167	18,371	18,669
Lanzones	18,266	19,668	20,015	20,331	20,430
Mandarin	8,858	9,646	9,621	9,583	9,444
Mango	164,101	171,711	184,174	186,770	188,139
Carabao	*123,428*	*129,475*	*141,627*	*144,293*	*145,926*
Mangosteen	1,713	1,813	1,991	2,214	2,263
Orange	2,167	1,936	1,817	1,677	1,657
Papaya	9,459	9,280	9,125	9,175	8,904
Pineapple	49,215	49,813	53,978	58,251	58,823
Rambutan	5,299	5,444	5,631	5,669	5,672
Tamarind Fruit	2,738	2,736	2,690	2,681	2,641
Watermelon	6,545	6,910	7,234	6,246	6,237
Non Food & Industrial Crops					
Abaca	135,966	135,883	136,049	137,520	135,081
Cacao	10,719	10,354	9,985	9,751	9,538
Cashew	27,683	27,610	27,574	27,517	27,428
Coconut	3,243,278	3,337,378	3,359,777	3,379,741	3,401,500
Coffee	127,975	126,063	123,975	123,269	122,645
Arabica	*21,011*	*20,804*	*20,008*	*19,977*	*19,862*
Excelsa	*11,359*	*10,867*	*10,387*	*10,176*	*9,687*
Liberica	*1,607*	*1,572*	*1,510*	*1,492*	*1,444*
Robusta	93,280	92,186	91,592	91,148	91,181
Cotton	5,956	2,906	1,426	538	310
Rubber	81,925	94,347	110,972	123,260	128,337
Sugarcane	368,944	392,280	382,956	397,991	404,034
Tobacco	29,589	26,323	23,863	22,182	26,104
Native	*8,028*	*5,429*	*5,980*	*6,969*	*6,684*
Virginia	*14,746*	*14,508*	*14,206*	*11,457*	*14,502*
Vegetables, Root Crops & Tubers					
Asparagus	1,614	1,524	970	706	536
Brocolli	207	229	240 R/	259	269
Cabbage	7,420	7,323	8,502	8,596	8,483
Camote	120,638	118,829	117,584	116,465	114,380
Carrots	3,585	3,481	4,898	5,075	5,080
Cassava	204,784	204,578	209,633	211,657	215,933
Cauliflower	1,017	976 R/	974 R/	1,004	997
Eggplant	21,233	20,901	21,613	21,299	21,170
Gabi	18,077	18,155	18,215	18,168	17,882
Garlic	4,704	4,448	3,863	3,849	3,552
Ginger	3,873	3,941	3,974	3,926	3,948
Gourd	9,606	9,088	8,382	8,305	8,152
Habitchuelas	3,356	3,370	3,623	3,723	3,662
Lettuce	416	407	405	440	451
Mongo	36,115	35,732	39,011	39,923	38,658
Okra	3,138	3,211	3,287	3,488	3,555
Onion	8,884	8,442	15,879	14,579	14,526
Peanut	27,472	27,642	28,316	27,726	28,235
Pechay-Chinese	3,133	3,446	3,645	3,728	3,736
Pechay-Native	7,085	6,900	7,090	7,185	7,194
Tomato	17,731	17,128	17,544	17,646	17,656
Ubi	5,890	5,999	5,839	5,212	4,929
White Potato	5,497	5,451	7,939	7,994	7,904

R/ - Revised

Table 3.0: ANNUAL YIELD PER HECTARE OF SELECTED CROPS, PHILIPPINES, 2005-2009

(IN METRIC TONS)

Crop	2005	2006	2007	2008	2009
Cereals					
Palay	3.59	3.68	3.80	3.77	3.59
Irrigated	4.02	4.10	4.21	4.14	3.95
Rainfed	2.63	2.80	2.93	2.98	2.83
Corn	2.15	2.37	2.54	2.60	2.62
White	1.51	1.60	1.72	1.65	1.65
Yellow	3.16	3.39	3.57	3.61	3.68
Fruit Crops					
Banana	15.08	15.85	17.14	19.81	20.19
Cavendish	*48.29*	*41.46*	*44.90*	*57.60*	*57.96*
Lacatan	*14.80*	*15.96*	*16.47*	*16.62*	*16.30*
Saba	*11.90*	*12.59*	*13.03*	*13.80*	*14.24*
Calamansi	9.94	9.71	9.81	9.53	9.19
Durian	3.43	3.09	4.27	2.80	2.99
Lanzones	3.27	2.54	2.91	0.36	0.75
Mandarin	2.30	2.58	2.63	2.37	2.16
Mango	6.00	5.35	5.56	4.73	4.10
Carabao	*6.46*	*5.71*	*5.85*	*4.94*	*4.26*
Mangosteen	3.01	2.48	2.35	0.39	0.69
Orange	2.67	2.70	2.83	2.90	2.81
Papaya	15.50	16.93	18.00	19.93	19.84
Pineapple	36.33	36.82	37.36	37.93	37.37
Rambutan	2.92	2.46	2.65	1.51	1.66
Tamarind Fruit	4.95	4.57	4.39	4.12	3.81
Watermelon	17.58	16.97	17.40	16.53	15.57
Non Food & Industrial Crops					
Abaca	0.54	0.51	0.49	0.50	0.49
Cacao	0.53	0.52	0.52	0.53	0.54
Cashew	4.21	4.10	4.08	4.08	4.08
Coconut	4.57	4.48	4.42	4.53	4.61
Coffee	0.83	0.83	0.79	0.79	0.79
Arabica	*0.98*	*0.98*	*0.99*	*0.98*	*0.99*
Excelsa	*0.79*	*0.77*	*0.69*	*0.66*	*0.68*
Liberica	*0.52*	*0.50*	*0.45*	*0.45*	*0.46*
Robusta	*0.81*	*0.81*	*0.77*	*0.77*	*0.76*
Cotton	0.87	0.91	0.95	1.37	0.41
Rubber	3.85	3.73	3.64	3.33	3.05
Sugarcane	62.12	62.06	58.06	66.84	56.76
Tobacco	1.52	1.46	1.44	1.46	1.39
Native	*1.57*	*1.24*	*1.36*	*1.44*	*1.56*
Virginia	*1.42*	*1.34*	*1.39*	*1.32*	*1.14*
Vegetables, Root Crops & Tubers					
Asparagus	15.63	14.40	15.30	16.85	13.28
Brocolli	9.99	9.89	9.88 R/	10.05	9.97
Cabbage	12.32	12.46	14.52	14.99	14.70
Camote	4.76	4.77	4.88	4.92	4.90
Carrots	9.88	10.26	13.28	13.47	13.45
Cassava	8.19	8.59	8.93	9.17	9.46
Cauliflower	10.47	10.75 R/	10.42 R/	10.72	10.59
Eggplant	8.84	9.18	9.72	9.37	9.49
Gabi	6.07	6.17	6.26	6.38	6.44
Garlic	2.81	2.83	2.92	2.95	2.94
Ginger	6.38	6.92	7.03	7.01	6.94
Gourd	12.54	12.48	12.68	12.53	12.61
Habitchuelas	3.59	4.00	4.39	4.54	4.42
Lettuce	8.13	8.22	8.24	8.10	7.93
Mongo	0.74	0.73	0.75	0.74	0.72
Okra	8.27	8.32	8.48	8.45	8.36
Onion	9.23	9.00	9.20	8.84	8.75
Peanut	1.04	1.05	1.10	1.09	1.10
Pechay-Chinese	11.83	10.79	13.23	13.44	13.24
Pechay-Native	6.15	6.24	6.35	6.32	6.24
Tomato	9.80	10.25	10.76	11.10	11.27
Ubi	4.97	5.01	5.01	4.64	4.58
White Potato	12.76	12.74	14.93	15.18	15.08

R/ - Revised

Table 4.0: ANNUAL NUMBER OF BEARING TREES/HILLS, PLANTING DENSITY AND YIELD PER BEARING TREE/HILLS, PHILIPPINES, 2005-2009

Crop	2005	2006	2007	2008	2009
BEARING TREES (no.)					
Banana	212,756,103	228,036,614	250,538,983	264,356,573	271,047,238
Cavendish	*60,966,917*	*73,914,227*	*92,933,070*	*105,089,123*	*109,301,924*
Lacatan	*25,367,241*	*27,094,065*	*29,245,115*	*29,843,193*	*31,384,421*
Saba	*76,300,864*	*76,714,879*	*76,843,550*	*77,109,265*	*77,905,041*
Cacao	4,295,279	4,129,905	4,050,124	3,942,957	3,926,033
Calamansi	8,881,381	8,882,304	9,056,933	9,216,422	9,115,380
Cashew	3,522,996	3,495,138	3,496,379	3,491,813	3,480,231
Coconut	328,652,399	335,466,568	338,724,352	339,357,206	340,882,817
Coffee	91,253,539	89,883,642	86,214,597	85,757,726	85,064,363
Arabica	*14,762,862*	*14,429,081*	*13,982,479*	*13,957,631*	*13,908,200*
Excelsa	*7,063,018*	*6,722,073*	*6,324,887*	*6,239,477*	*5,959,635*
Liberica	*1,051,120*	*1,025,886*	*992,237*	*980,529*	*951,038*
Robusta	*68,027,895*	*67,428,907*	*64,685,812*	*64,350,923*	*64,018,201*
Durian	583,668	609,814	649,947	638,854	649,853
Lanzones	1,981,691	1,999,588	1,964,576	2,012,620	2,042,666
Mandarin	1,075,467	1,196,065	1,199,671	1,160,260	1,155,686
Mango	7,610,466	7,842,506	8,115,899	8,171,854	8,335,951
Carabao	*5,279,476*	*5,576,437*	*5,841,197*	*5,880,136*	*6,029,318*
Mangosteen	188,684	189,740	192,355	206,884	209,254
Orange	277,885	250,562	229,281	204,306	202,059
Papaya	5,650,747	5,701,587	5,599,575	5,670,826	5,528,962
Rambutan	445,931	457,127	407,939	411,808	416,805
Rubber	29,147,736	30,123,884	35,030,731	37,030,656	37,212,359
Tamarind Fruit	155,805	153,821	154,331	151,398	148,700
PLANTING DENSITY (Btrees/ha)					
Banana	509	532	574	603	607
Cavendish	*1,182*	*1,090*	*1,256*	*1,398*	*1,409*
Lacatan	*485*	*517*	*550*	*557*	*558*
Saba	*412*	*423*	*420*	*421*	*421*
Cacao	401	399	406	404	412
Calamansi	439	439	441	440	436
Cashew	127	127	127	127	127
Coconut	101	101	101	100	100
Coffee	713	713	695	696	694
Arabica	*703*	*694*	*699*	*699*	*700*
Excelsa	*622*	*619*	*609*	*613*	*615*
Liberica	*654*	*653*	*657*	*657*	*659*
Robusta	*729*	*731*	*706*	*706*	*702*
Durian	42	39	38	35	35
Lanzones	108	102	98	99	100
Mandarin	121	124	125	121	122
Mango	46	46	44	44	44
Carabao	*43*	*43*	*41*	*41*	*41*
Mangosteen	110	105	97	93	92
Orange	128	129	126	122	122
Papaya	597	614	614	618	621
Rambutan	84	84	72	73	73
Rubber	356	319	316	300	290
Tamarind Fruit	57	56	57	56	56
YIELD PER BEARING TREE/HILLS (kg)					
Banana	29.60	29.80	29.87	32.86	33.25
Cavendish	*40.85*	*38.03*	*35.76* R/	*41.19* R/	*41.15*
Lacatan	*30.51*	*30.86*	*29.93*	*29.85*	*29.22*
Saba	*28.89*	*29.80*	*31.05*	*32.77*	*33.84*
Cacao	1.32	1.31	1.29	1.31	1.31
Calamansi	22.61	22.13	22.26	21.67	21.08
Cashew	33.08	32.35	32.19	32.17	32.18
Coconut	45.11	44.59	43.85	45.14	45.96
Coffee	1.16	1.16	1.14	1.14	1.13
Arabica	*1.40*	*1.41*	*1.41*	*1.41*	*1.41*
Excelsa	*1.26*	*1.24*	*1.13*	*1.08*	*1.10*
Liberica	*0.79*	*0.76*	*0.69*	*0.69*	*0.69*
Robusta	*1.11*	*1.10*	*1.08*	*1.09*	*1.08*
Durian	81.03	79.48	112.70	80.46	85.75
Lanzones	30.16	25.01	29.65	3.68	7.51
Mandarin	18.93	20.80	21.07	19.60	17.63
Mango	129.34	117.19	126.16	108.18	92.54
Carabao	*151.00*	*132.46*	*141.82*	*121.16*	*103.04*
Mangosteen	27.30	23.68	24.34	4.18	7.49
Orange	20.85	20.89	22.45	23.83	23.08
Papaya	25.95	27.56	29.33	32.25	31.95
Rambutan	34.68	29.32	36.56	20.77	22.64
Rubber	10.83	11.67	11.53	11.10	10.51
Tamarind Fruit	87.04	81.20	76.49	73.00	67.67

R/ - Revised

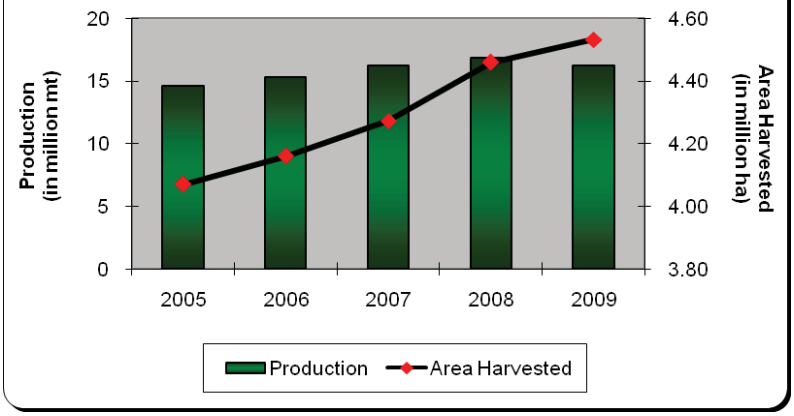
II. REGIONAL STATISTICS
A. CEREALS

HIGHLIGHTS

PALAY

Palay production grew from 14.60 million mt in 2005 to 16.27 million mt in 2009 at an average annual growth of 2.73 percent. In 2009, production was 3.30 percent lower than the 2008 output of 16.82 million mt (Figure 1). Area harvested to palay grew from 4.07 million hectares in 2005 to 4.53 million hectares in 2009 at an average annual growth of 2.70 percent.

Figure 1. Palay: Volume of Production and Area Harvested, Philippines, 2005-2009



The bulk of palay produced in 2009 came from Central Luzon, Western Visayas, Cagayan Valley and Ilocos Region with a combined output of 8.44 million mt or 52 percent of the country's total palay production for the year (Figure 2). Total area harvested from these regions represented 51 percent of the national total of 4.53 million hectares (Figure 2.1). Yield of palay in CAR, Cagayan Valley, Central Luzon, Zamboanga Peninsula, Northern Mindanao and Davao Region surpassed the national average of 3.59 mt per hectare (Table 2.1).

Figure 2. Palay: Top Producing Regions, Philippines, 2009

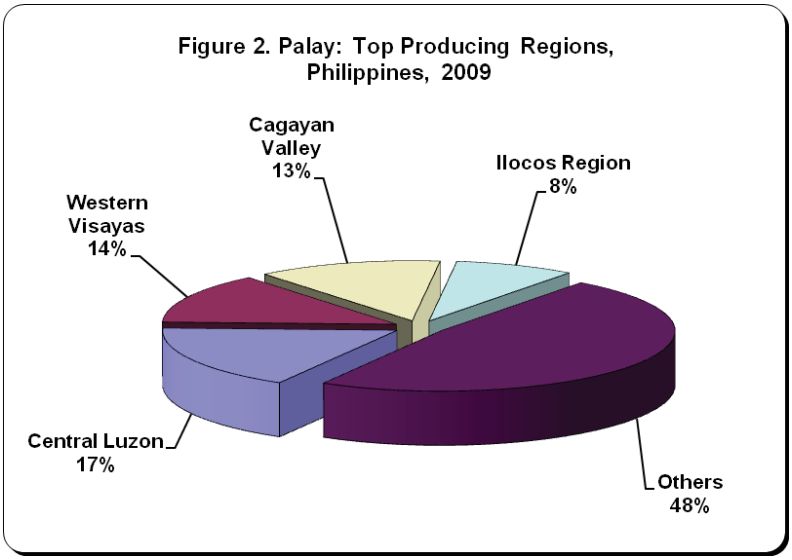
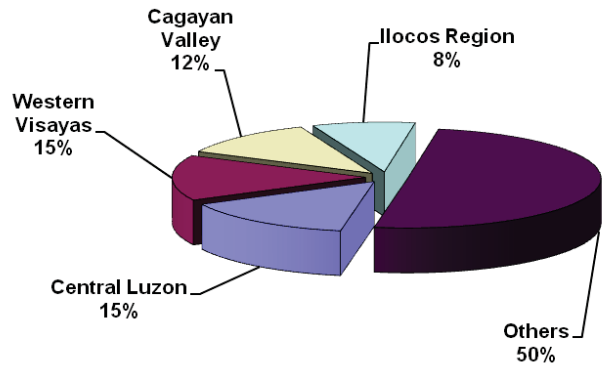


Figure 2.1. Palay: Area Harvested by Region, Philippines, 2009



In irrigated farms, palay production was 12.08 million mt. Central Luzon posted the highest production at 2.54 million mt followed by Cagayan Valley at 1.84 million mt (Table 2.2). These regions accounted for 21 percent and 15 percent, respectively, of the total irrigated palay output in the country (Figure 3).

Figure 3. Irrigated Palay: Top Producing Regions, Philippines, 2009

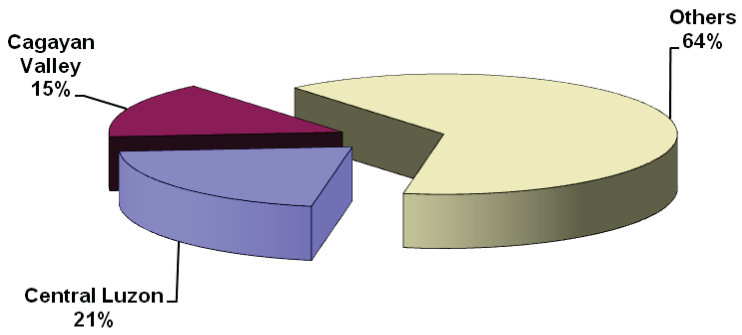
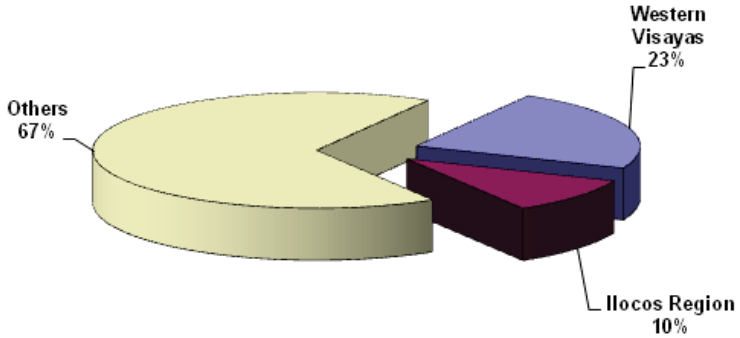


Figure 4. Rainfed Palay: Top Producing Regions, Philippines, 2009



In rainfed areas, palay production was 4.18 million mt. The top producer was Western Visayas at 957.83 thousand mt which accounted for 23 percent of the national rainfed palay production. This was followed by Ilocos Region at 422.65 thousand mt and shared 10 percent to total rainfed palay production in the country (Figure 4).

Table 2.1 PALAY: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**14,603,005**	**15,326,706**	**16,240,194**	**16,815,548**	**16,266,417**
CAR	354,429	397,340	436,311	445,156	431,656
Ilocos Region	1,382,877	1,597,168	1,642,301	1,691,629	1,351,715
Cagayan Valley	1,848,849	1,953,755	2,025,245	2,080,240	2,077,036
Central Luzon	2,545,853	2,677,633	2,942,113	3,014,347	2,805,467
CALABARZON	392,323	358,364	391,418	428,085	383,035
MIMAROPA	785,309	829,867	877,180	863,215	930,674
Bicol Region	981,918	888,772	991,430	997,581	1,045,501
Western Visayas	1,800,820	1,987,224	1,992,426	2,117,598	2,205,071
Central Visayas	208,838	245,131	251,802	311,801	276,818
Eastern Visayas	788,857	830,287	948,827	1,030,621	952,220
Zamboanga Peninsula	562,557	514,201	553,759	551,310	565,764
Northern Mindanao	459,010	461,289	501,892	551,246	583,297
Davao Region	470,086	476,411	427,184	418,954	423,825
SOCCSKSARGEN	1,090,105	1,146,220	1,186,688	1,234,757	1,229,040
Caraga	385,963	408,774	455,838	447,317	425,551
ARMM	545,211	554,270	615,780	631,691	579,747
Area Harvested (ha)					
PHILIPPINES	**4,070,421**	**4,159,930**	**4,272,889**	**4,459,977**	**4,532,310**
CAR	99,375	104,021	118,135	119,816	119,368
Ilocos Region	362,155	376,426	377,361	388,763	389,339
Cagayan Valley	473,972	503,593	501,943	536,916	533,315
Central Luzon	571,020	593,033	640,913	666,309	664,121
CALABARZON	110,236	104,031	104,714	112,120	107,038
MIMAROPA	230,807	238,395	247,803	254,403	271,901
Bicol Region	304,549	281,483	286,374	290,718	313,602
Western Visayas	587,120	611,135	601,595	646,197	669,306
Central Visayas	81,850	99,484	97,507	105,154	102,927
Eastern Visayas	230,141	233,221	260,386	276,573	272,611
Zamboanga Peninsula	158,585	141,177	148,278	145,314	153,743
Northern Mindanao	124,871	122,492	129,249	137,276	147,270
Davao Region	108,374	108,992	97,487	95,252	96,168
SOCCSKSARGEN	310,865	319,878	328,341	346,403	349,668
Caraga	116,766	126,058	133,444	138,259	137,173
ARMM	199,735	196,511	199,359	200,504	204,760
Yield Per Hectare (mt)					
PHILIPPINES	**3.59**	**3.68**	**3.80**	**3.77**	**3.59**
CAR	3.57	3.82	3.69	3.72	3.62
Ilocos Region	3.82	4.24	4.35	4.35	3.47
Cagayan Valley	3.90	3.88	4.03	3.87	3.89
Central Luzon	4.46	4.52	4.59	4.52	4.22
CALABARZON	3.56	3.44	3.74	3.82	3.58
MIMAROPA	3.40	3.48	3.54	3.39	3.42
Bicol Region	3.22	3.16	3.46	3.43	3.33
Western Visayas	3.07	3.25	3.31	3.28	3.29
Central Visayas	2.55	2.46	2.58	2.97	2.69
Eastern Visayas	3.43	3.56	3.64	3.73	3.49
Zamboanga Peninsula	3.55	3.64	3.73	3.79	3.68
Northern Mindanao	3.68	3.77	3.88	4.02	3.96
Davao Region	4.34	4.37	4.38	4.40	4.41
SOCCSKSARGEN	3.51	3.58	3.61	3.56	3.51
Caraga	3.31	3.24	3.42	3.24	3.10
ARMM	2.73	2.82	3.09	3.15	2.83

Table 2.2 IRRIGATED PALAY: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**11,233,793**	**11,594,933**	**12,269,390**	**12,556,150**	**12,083,264**
CAR	320,393	361,090	363,248	372,282	362,841
Ilocos Region	982,868	1,045,763	1,078,029	1,113,627	929,064
Cagayan Valley	1,754,957	1,768,665	1,826,454	1,872,024	1,842,549
Central Luzon	2,254,494	2,365,130	2,628,489	2,710,433	2,537,528
CALABARZON	319,057	301,486	314,735	340,836	301,253
MIMAROPA	487,619	524,257	552,042	536,497	596,159
Bicol Region	722,297	657,678	759,873	724,258	739,995
Western Visayas	1,055,876	1,198,704	1,157,896	1,240,210	1,247,237
Central Visayas	144,515	157,504	167,168	192,239	170,058
Eastern Visayas	488,546	512,150	593,218	631,886	573,225
Zamboanga Peninsula	370,716	345,306	360,246	374,836	383,143
Northern Mindanao	428,301	429,776	466,022	507,939	531,605
Davao Region	432,854	428,145	387,140	378,087	386,390
SOCCSKSARGEN	927,057	958,805	992,386	998,390	996,995
Caraga	287,736	298,384	326,401	312,206	291,256
ARMM	256,507	242,090	296,043	250,400	193,966
Area Harvested (ha)					
PHILIPPINES	**2,791,721**	**2,827,886**	**2,917,012**	**3,032,638**	**3,055,763**
CAR	86,459	90,776	90,817	93,011	93,265
Ilocos Region	244,708	237,958	237,839	247,034	255,564
Cagayan Valley	426,455	433,709	428,617	454,715	447,183
Central Luzon	488,997	509,619	556,385	580,358	579,905
CALABARZON	76,906	74,458	75,511	80,024	75,124
MIMAROPA	130,401	134,085	139,477	145,603	163,113
Bicol Region	192,037	183,904	196,373	192,774	206,060
Western Visayas	299,341	323,802	308,409	337,176	336,549
Central Visayas	46,415	49,473	51,618	54,787	54,083
Eastern Visayas	104,927	105,967	122,677	131,398	130,847
Zamboanga Peninsula	91,707	84,348	86,920	89,685	93,404
Northern Mindanao	113,687	111,059	117,720	122,654	130,154
Davao Region	92,838	91,474	83,822	82,975	84,575
SOCCSKSARGEN	250,687	251,932	259,508	267,169	267,034
Caraga	80,587	85,711	89,876	89,273	85,932
ARMM	65,569	59,611	71,443	64,002	52,971
Yield Per Hectare (mt)					
PHILIPPINES	**4.02**	**4.10**	**4.21**	**4.14**	**3.95**
CAR	3.71	3.98	4.00	4.00	3.89
Ilocos Region	4.02	4.39	4.53	4.51	3.64
Cagayan Valley	4.12	4.08	4.26	4.12	4.12
Central Luzon	4.61	4.64	4.72	4.67	4.38
CALABARZON	4.15	4.05	4.17	4.26	4.01
MIMAROPA	3.74	3.91	3.96	3.68	3.65
Bicol Region	3.76	3.58	3.87	3.76	3.59
Western Visayas	3.53	3.70	3.75	3.68	3.71
Central Visayas	3.11	3.18	3.24	3.51	3.14
Eastern Visayas	4.66	4.83	4.84	4.81	4.38
Zamboanga Peninsula	4.04	4.09	4.14	4.18	4.10
Northern Mindanao	3.77	3.87	3.96	4.14	4.08
Davao Region	4.66	4.68	4.62	4.56	4.57
SOCCSKSARGEN	3.70	3.81	3.82	3.74	3.73
Caraga	3.57	3.48	3.63	3.50	3.39
ARMM	3.91	4.06	4.14	3.91	3.66

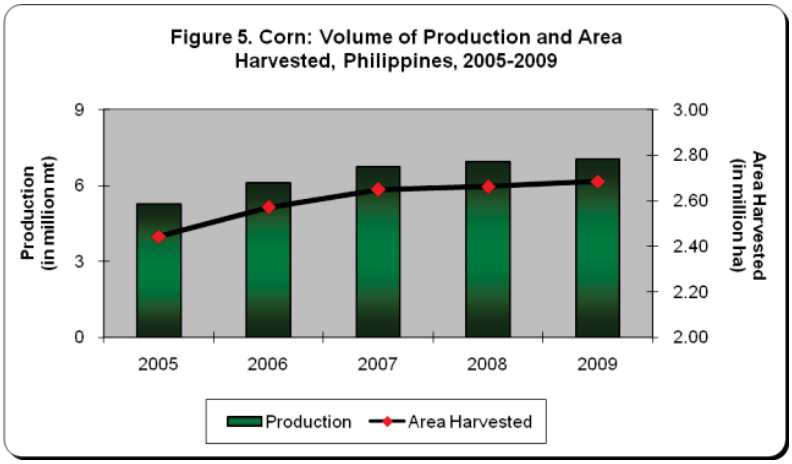
Table 2.3 RAINFED PALAY: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**3,369,212**	**3,731,773**	**3,970,804**	**4,259,398**	**4,183,153**
CAR	34,036	36,250	73,063	72,874	68,815
Ilocos Region	400,009	551,405	564,272	578,002	422,651
Cagayan Valley	93,892	185,090	198,791	208,216	234,487
Central Luzon	291,359	312,503	313,624	303,914	267,939
CALABARZON	73,266	56,878	76,683	87,249	81,782
MIMAROPA	297,690	305,610	325,138	326,718	334,515
Bicol Region	259,621	231,094	231,557	273,323	305,506
Western Visayas	744,944	788,520	834,530	877,388	957,834
Central Visayas	64,323	87,627	84,634	119,562	106,760
Eastern Visayas	300,311	318,137	355,609	398,735	378,995
Zamboanga Peninsula	191,841	168,895	193,513	176,474	182,621
Northern Mindanao	30,709	31,513	35,870	43,307	51,692
Davao Region	37,232	48,266	40,044	40,867	37,435
SOCCSKSARGEN	163,048	187,415	194,302	236,367	232,045
Caraga	98,227	110,390	129,437	135,111	134,295
ARMM	288,704	312,180	319,737	381,291	385,781
Area Harvested (ha)					
PHILIPPINES	**1,278,700**	**1,332,044**	**1,355,877**	**1,427,339**	**1,476,547**
CAR	12,916	13,245	27,318	26,805	26,103
Ilocos Region	117,447	138,468	139,522	141,729	133,775
Cagayan Valley	47,517	69,884	73,326	82,201	86,132
Central Luzon	82,023	83,414	84,528	85,951	84,216
CALABARZON	33,330	29,573	29,203	32,096	31,914
MIMAROPA	100,406	104,310	108,326	108,800	108,788
Bicol Region	112,512	97,579	90,001	97,944	107,542
Western Visayas	287,779	287,333	293,186	309,021	332,757
Central Visayas	35,435	50,011	45,889	50,367	48,844
Eastern Visayas	125,214	127,254	137,709	145,175	141,764
Zamboanga Peninsula	66,878	56,829	61,358	55,629	60,339
Northern Mindanao	11,184	11,433	11,529	14,622	17,116
Davao Region	15,536	17,518	13,665	12,277	11,593
SOCCSKSARGEN	60,178	67,946	68,833	79,234	82,634
Caraga	36,179	40,347	43,568	48,986	51,241
ARMM	134,166	136,900	127,916	136,502	151,789
Yield Per Hectare (mt)					
PHILIPPINES	**2.63**	**2.80**	**2.93**	**2.98**	**2.83**
CAR	2.64	2.74	2.67	2.72	2.64
Ilocos Region	3.41	3.98	4.04	4.08	3.16
Cagayan Valley	1.98	2.65	2.71	2.53	2.72
Central Luzon	3.55	3.75	3.71	3.54	3.18
CALABARZON	2.20	1.92	2.63	2.72	2.56
MIMAROPA	2.96	2.93	3.00	3.00	3.07
Bicol Region	2.31	2.37	2.57	2.79	2.84
Western Visayas	2.59	2.74	2.85	2.84	2.88
Central Visayas	1.82	1.75	1.84	2.37	2.19
Eastern Visayas	2.40	2.50	2.58	2.75	2.67
Zamboanga Peninsula	2.87	2.97	3.15	3.17	3.03
Northern Mindanao	2.75	2.76	3.11	2.96	3.02
Davao Region	2.40	2.76	2.93	3.33	3.23
SOCCSKSARGEN	2.71	2.76	2.82	2.98	2.81
Caraga	2.72	2.74	2.97	2.76	2.62
ARMM	2.15	2.28	2.50	2.79	2.54

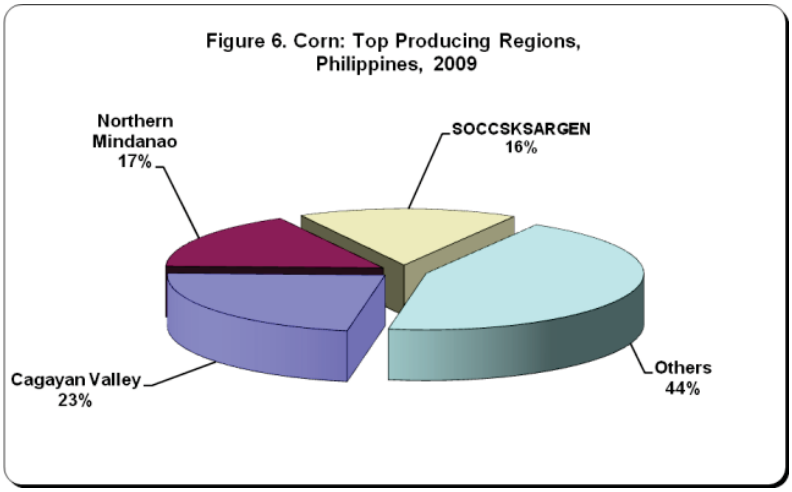
HIGHLIGHTS

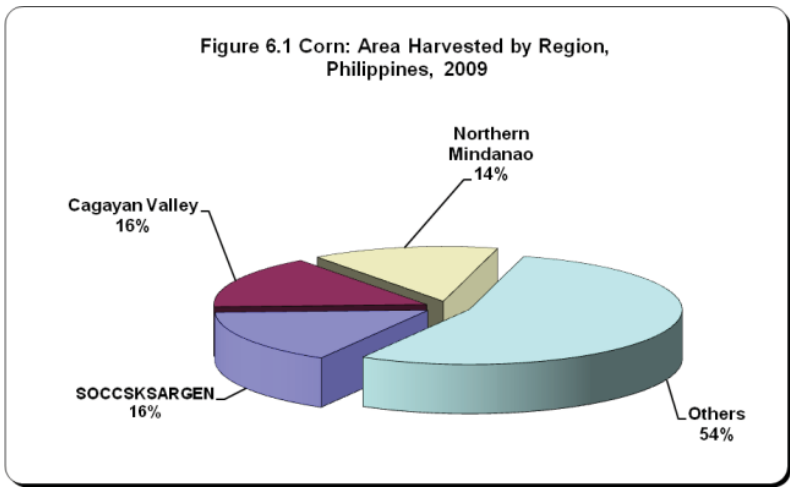
CORN

Corn production grew from 5.25 million mt in 2005 to 7.03 million mt in 2009 at an average annual growth of 7.57 percent. The 2009 production was 1.5 percent higher than the 6.93 million mt 2008 output (Figure 5). The increase was the outcome of expansion in area harvested by 0.9 percent, from 2.66 million hectares to 2.68 million hectares.

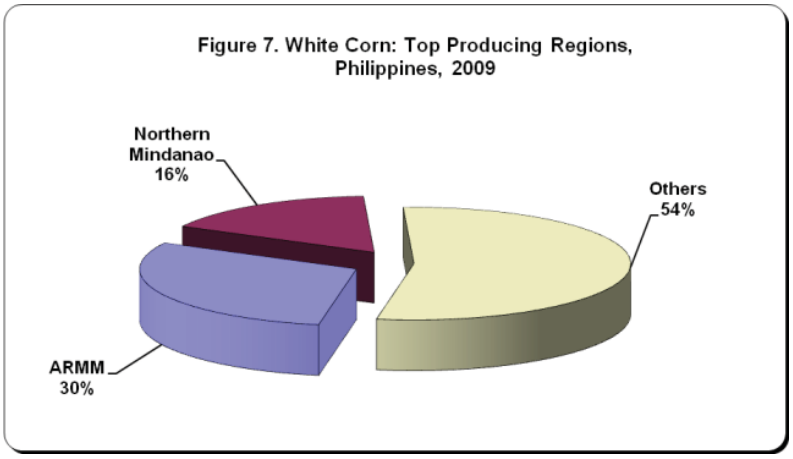


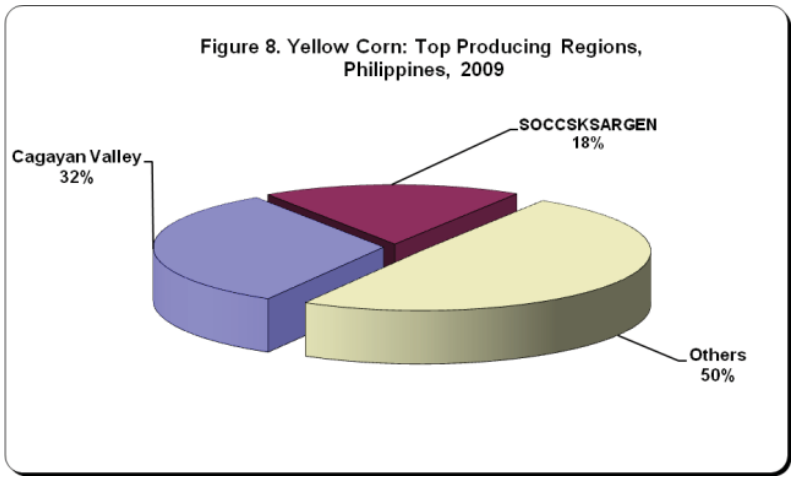
The major producing regions were Cagayan Valley, Northern Mindanao and SOCCSKSARGEN. The combined output from these regions represented 55.7 percent of the country's total corn production (Figure 6). Total area harvested in these regions accounted for 45.8 percent of the national level of 2.68 million hectares (Figure 6.1). In terms of yield, CAR, Ilocos Region, Cagayan Valley and Central Luzon posted average yields ranging from 3.65 mt to 4.80 mt per hectare (Table 2.4).





White corn production was highest in ARMM at 692.63 thousand mt accounting for 30 percent of the total white corn production of the country. Northern Mindanao followed with 382.66 thousand mt or 17 percent share to the national total (Figure 7). On the other hand, yellow corn production was highest in Cagayan Valley at 1.53 million mt, or 32 percent of the total yellow corn production for the year. SOCCSKSARGEN followed with 858.73 thousand mt or 18 percent of the total production in the country (Tables 2.5-2.6).





In terms of yield, Ilocos Region registered the highest at 3.14 mt per hectare for white corn and 5.30 mt per hectare for yellow corn (Tables 2.5-2.6).

Table 2.4 CORN: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**5,253,160**	**6,082,109**	**6,736,940**	**6,928,225**	**7,034,033**
CAR	130,464	160,109	175,582	196,421	201,773
Ilocos Region	300,184	320,167	335,575	363,662	351,103
Cagayan Valley	769,506	1,219,382	1,281,309	1,476,879	1,598,198
Central Luzon	182,333	182,763	198,590	225,915	217,245
CALABARZON	64,102	53,412	66,249	60,319	51,949
MIMAROPA	94,161	107,559	114,715	110,088	103,906
Bicol Region	118,115	142,264	195,826	202,675	197,116
Western Visayas	193,736	257,589	314,507	350,259	272,844
Central Visayas	188,525	180,983	199,420	175,260	186,479
Eastern Visayas	68,416	76,162	88,252	96,594	94,821
Zamboanga Peninsula	223,208	204,391	219,679	181,809	177,248
Northern Mindanao	938,227	964,327	1,048,344	1,127,564	1,170,624
Davao Region	293,413	343,907	354,247	286,410	225,078
SOCCSKSARGEN	959,286	1,087,843	1,123,584	1,117,781	1,146,629
Caraga	98,595	86,434	126,037	99,916	88,591
ARMM	630,889	694,817	895,024	856,673	950,429
Area Harvested (ha)					
PHILIPPINES	**2,441,788**	**2,570,673**	**2,648,317**	**2,661,021**	**2,683,890**
CAR	42,010	44,838	50,087	52,698	55,212
Ilocos Region	67,298	68,680	72,115	74,460	73,153
Cagayan Valley	258,180	361,779	369,159	390,537	417,121
Central Luzon	44,500	41,897	43,935	48,307	45,749
CALABARZON	36,365	30,583	32,618	34,451	35,204
MIMAROPA	36,407	38,375	38,834	38,111	31,367
Bicol Region	80,237	80,789	89,513	100,274	106,715
Western Visayas	107,030	120,400	130,949	142,448	125,769
Central Visayas	246,463	239,745	248,902	236,248	231,473
Eastern Visayas	58,589	59,175	63,145	65,756	68,463
Zamboanga Peninsula	163,365	160,386	154,101	129,061	135,850
Northern Mindanao	381,499	378,273	369,839	383,695	381,373
Davao Region	200,409	204,304	196,848	188,362	174,674
SOCCSKSARGEN	398,343	419,039	418,594	430,221	430,182
Caraga	55,765	44,869	57,514	50,470	39,520
ARMM	265,328	277,541	312,164	295,922	332,065
Yield Per Hectare (mt)					
PHILIPPINES	**2.15**	**2.37**	**2.54**	**2.60**	**2.62**
CAR	3.11	3.57	3.51	3.73	3.65
Ilocos Region	4.46	4.66	4.65	4.88	4.80
Cagayan Valley	2.98	3.37	3.47	3.78	3.83
Central Luzon	4.10	4.36	4.52	4.68	4.75
CALABARZON	1.76	1.75	2.03	1.75	1.48
MIMAROPA	2.59	2.80	2.95	2.89	3.31
Bicol Region	1.47	1.76	2.19	2.02	1.85
Western Visayas	1.81	2.14	2.40	2.46	2.17
Central Visayas	0.76	0.75	0.80	0.74	0.81
Eastern Visayas	1.17	1.29	1.40	1.47	1.38
Zamboanga Peninsula	1.37	1.27	1.43	1.41	1.30
Northern Mindanao	2.46	2.55	2.83	2.94	3.07
Davao Region	1.46	1.68	1.80	1.52	1.29
SOCCSKSARGEN	2.41	2.60	2.68	2.60	2.67
Caraga	1.77	1.93	2.19	1.98	2.24
ARMM	2.38	2.50	2.87	2.89	2.86

Table 2.5 WHITE CORN: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**2,251,617**	**2,360,840**	**2,527,633**	**2,254,567**	**2,316,434**
CAR	24,809	24,053	21,520	15,224	16,688
Ilocos Region	49,473	52,121	57,266	57,377	53,331
Cagayan Valley	54,460	61,249	64,618	64,368	71,298
Central Luzon	15,893	18,294	20,520	23,458	19,100
CALABARZON	21,719	23,088	30,996	31,084	28,684
MIMAROPA	8,578	9,121	11,851	11,032	15,430
Bicol Region	37,183	40,077	46,745	49,746	50,728
Western Visayas	52,821	57,362	64,319	73,684	58,515
Central Visayas	170,859	167,299	183,695	165,387	180,735
Eastern Visayas	63,772	70,608	80,185	86,634	82,428
Zamboanga Peninsula	206,847	191,351	188,463	150,399	145,074
Northern Mindanao	339,889	368,959	358,259	381,578	382,661
Davao Region	215,174	258,594	234,094	188,007	176,406
SOCCSKSARGEN	397,273	411,322	379,165	297,311	287,903
Caraga	75,521	62,382	86,994	66,161	54,820
ARMM	517,346	544,960	698,943	593,117	692,633
Area Harvested (ha)					
PHILIPPINES	**1,492,202**	**1,471,453**	**1,469,327**	**1,367,410**	**1,402,845**
CAR	13,825	12,348	11,395	8,759	8,856
Ilocos Region	17,420	17,190	18,227	18,044	16,980
Cagayan Valley	27,918	28,006	27,871	26,045	28,453
Central Luzon	9,164	9,276	9,582	10,243	9,496
CALABARZON	12,807	12,917	16,352	19,538	22,242
MIMAROPA	6,181	6,233	7,566	6,665	7,324
Bicol Region	46,479	43,446	48,973	52,314	58,977
Western Visayas	45,988	46,276	47,186	51,930	47,282
Central Visayas	235,094	230,400	240,010	229,946	228,429
Eastern Visayas	55,264	55,572	57,989	59,958	61,405
Zamboanga Peninsula	157,218	155,086	142,632	117,140	122,980
Northern Mindanao	219,401	221,275	203,534	199,490	192,053
Davao Region	172,257	175,551	159,206	153,433	156,453
SOCCSKSARGEN	196,406	188,697	174,765	152,362	153,429
Caraga	49,129	38,370	46,774	41,185	31,001
ARMM	227,651	230,810	257,265	220,358	257,485
Yield Per Hectare (mt)					
PHILIPPINES	**1.51**	**1.60**	**1.72**	**1.65**	**1.65**
CAR	1.79	1.95	1.89	1.74	1.88
Ilocos Region	2.84	3.03	3.14	3.18	3.14
Cagayan Valley	1.95	2.19	2.32	2.47	2.51
Central Luzon	1.73	1.97	2.14	2.29	2.01
CALABARZON	1.70	1.79	1.90	1.59	1.29
MIMAROPA	1.39	1.46	1.57	1.66	2.11
Bicol Region	0.80	0.92	0.95	0.95	0.86
Western Visayas	1.15	1.24	1.36	1.42	1.24
Central Visayas	0.73	0.73	0.77	0.72	0.79
Eastern Visayas	1.15	1.27	1.38	1.44	1.34
Zamboanga Peninsula	1.32	1.23	1.32	1.28	1.18
Northern Mindanao	1.55	1.67	1.76	1.91	1.99
Davao Region	1.25	1.47	1.47	1.23	1.13
SOCCSKSARGEN	2.02	2.18	2.17	1.95	1.88
Caraga	1.54	1.63	1.86	1.61	1.77
ARMM	2.27	2.36	2.72	2.69	2.69

Table 2.6 YELLOW CORN: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**3,001,543**	**3,721,269**	**4,209,307**	**4,673,658**	**4,717,599**
CAR	105,655	136,056	154,062	181,197	185,085
Ilocos Region	250,711	268,046	278,309	306,285	297,772
Cagayan Valley	715,046	1,158,133	1,216,691	1,412,511	1,526,900
Central Luzon	166,440	164,469	178,070	202,457	198,145
CALABARZON	42,383	30,324	35,253	29,235	23,265
MIMAROPA	85,583	98,438	102,864	99,056	88,476
Bicol Region	80,932	102,187	149,081	152,929	146,388
Western Visayas	140,915	200,227	250,188	276,575	214,329
Central Visayas	17,666	13,684	15,725	9,873	5,744
Eastern Visayas	4,644	5,554	8,067	9,960	12,393
Zamboanga Peninsula	16,361	13,040	31,216	31,410	32,174
Northern Mindanao	598,338	595,368	690,085	745,986	787,963
Davao Region	78,239	85,313	120,153	98,403	48,672
SOCCSKSARGEN	562,013	676,521	744,419	820,470	858,726
Caraga	23,074	24,052	39,043	33,755	33,771
ARMM	113,543	149,857	196,081	263,556	257,796
Area Harvested (ha)					
PHILIPPINES	**949,586**	**1,099,220**	**1,178,990**	**1,293,611**	**1,281,045**
CAR	28,185	32,490	38,692	43,939	46,356
Ilocos Region	49,878	51,490	53,888	56,416	56,173
Cagayan Valley	230,262	333,773	341,288	364,492	388,668
Central Luzon	35,336	32,621	34,353	38,064	36,253
CALABARZON	23,558	17,666	16,266	14,913	12,962
MIMAROPA	30,226	32,142	31,268	31,446	24,043
Bicol Region	33,758	37,343	40,540	47,960	47,738
Western Visayas	61,042	74,124	83,763	90,518	78,487
Central Visayas	11,369	9,345	8,892	6,302	3,044
Eastern Visayas	3,325	3,603	5,156	5,798	7,058
Zamboanga Peninsula	6,147	5,300	11,469	11,921	12,870
Northern Mindanao	162,098	156,998	166,305	184,205	189,320
Davao Region	28,152	28,753	37,642	34,929	18,221
SOCCSKSARGEN	201,937	230,342	243,829	277,859	276,753
Caraga	6,636	6,499	10,740	9,285	8,519
ARMM	37,677	46,731	54,899	75,564	74,580
Yield Per Hectare (mt)					
PHILIPPINES	**3.16**	**3.39**	**3.57**	**3.61**	**3.68**
CAR	3.75	4.19	3.98	4.12	3.99
Ilocos Region	5.03	5.21	5.16	5.43	5.30
Cagayan Valley	3.11	3.47	3.56	3.88	3.93
Central Luzon	4.71	5.04	5.18	5.32	5.47
CALABARZON	1.80	1.72	2.17	1.96	1.79
MIMAROPA	2.83	3.06	3.29	3.15	3.68
Bicol Region	2.40	2.74	3.68	3.19	3.07
Western Visayas	2.31	2.70	2.99	3.06	2.73
Central Visayas	1.55	1.46	1.77	1.57	1.89
Eastern Visayas	1.40	1.54	1.56	1.72	1.76
Zamboanga Peninsula	2.66	2.46	2.72	2.63	2.50
Northern Mindanao	3.69	3.79	4.15	4.05	4.16
Davao Region	2.78	2.97	3.19	2.82	2.67
SOCCSKSARGEN	2.78	2.94	3.05	2.95	3.10
Caraga	3.48	3.70	3.64	3.64	3.96
ARMM	3.01	3.21	3.57	3.49	3.46

B. FRUIT CROPS

HIGHLIGHTS

BANANA

From 2005-2009, banana production continued to grow at an annual average rate of 9 percent. In the same period, area planted grew at the rate of 2 percent annually. The number of bearing hills posted a yearly increase of 6 percent.

In 2009, banana production was 9,013 thousand mt or 3.75 percent above the 8,688 thousand mt in 2008 (Figure 1).This was attributed to the increase in bearing hills by 3 percent in Davao Region, Northern Mindanao, Zamboanga Peninsula, Visayas Regions, ARMM and Cagayan Valley. Area planted was recorded at 446,371 hectares or 2 percent over last year's 438,593 hectares. Area planted to banana expanded in CALABARZON, Visayas Regions, Northern Mindanao, Davao Region and ARMM.

Figure 1. Banana: Volume of production, area planted and number of bearing hills, Philippines, 2005-2009

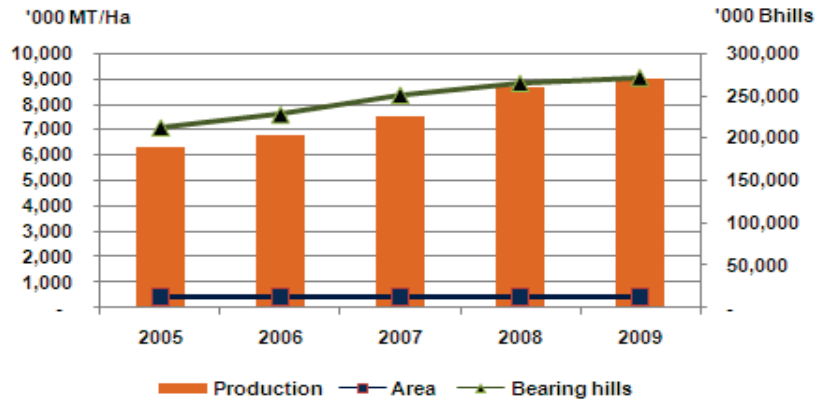


Figure 2. Banana: Top producing regions, Philippines, 2009

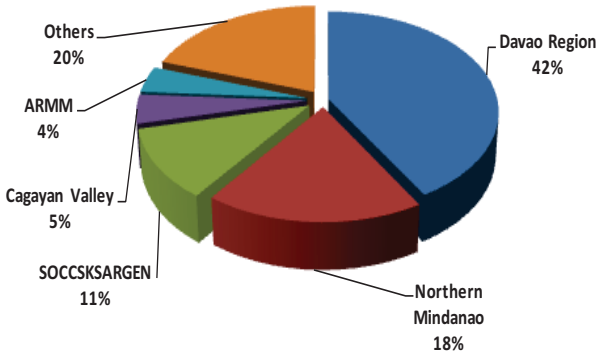
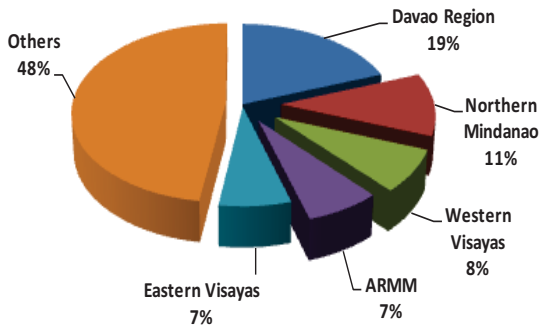


Figure 3. Banana: Distribution of area planted by region, Philippines, 2009



The top three (3) banana producing regions were Davao Region, Northern Mindanao and SOCCSKSARGEN. They had a combined share of 71 percent to the national banana production (Figure 2). In terms of area planted, the top three (3) producing regions had a combined share of 37 percent. Davao Region recorded the highest increase of 8 percent in area planted (Figure 3). Northern Mindanao reported an increment of 5 percent while SOCCSKSARGEN had an almost 1 percent decrease in area planted to banana.

Cavendish variety. Production of cavendish banana grew at an annual rate of 16 percent from 2005-2009. During the same period, area planted expanded annually by 11 percent and the number of bearing hills by 16 percent.

In 2009, about 50 percent of the banana production were cavendish variety. Production in 2009 was 4,498 thousand mt. This was higher by 4 percent of the 4,329 thousand mt in 2008. Davao Region, the largest producer, produced 2,878 thousand mt with a share of 64 percent to the national cavendish production. The share of the region to total area planted was 61 percent.

The second top producing region for cavendish variety in 2009 was Northern Mindanao with an output of 1,096 thousand mt. This represented 24 percent of the total cavendish production in the country. Area planted in the region was 16,059 hectares, 3 percent higher than the 15,545 hectares in 2008.

Lacatan variety. From 2005-2009, lacatan variety production grew by 4 percent. The number of bearing hills went up by 5 percent while area planted increased by 2 percent. Lacatan variety contributed 10 percent to the national banana production.

The 2009 lacatan production in SOCCSKSARGEN, the top producer, was 225 thousand mt representing one fourth of the national lacatan production. The area planted in the region was 6,872 hectares, down by 1 percent from its 2008 level. The region shared 12 percent of the total area planted to lacatan variety.

Saba variety. This variety comprised 29 percent of the total banana production. From 2005-2009, production of saba grew annually by 5 percent while the number of bearing hills increased annually by half percent. Area planted during the period posted a yearly growth of less than one (1) percent.

In 2009, production of saba was 2,636 thousand mt. This was 4 percent higher than the production of 2,527 thousand mt in 2008. This was attributed to the increases in bearing hills in Davao Region, Northern Mindanao, SOCCSKSARGEN, Zamboanga Peninsula, Central and Eastern Visayas, ARMM, MIMAROPA, and Cagayan Valley. Bigger bunches and fruits were harvested in Western Visayas and in ARMM. Area planted and number of bearing hills grew by 1 percent in 2009.

Davao Region, SOCCSKSARGEN and Cagayan Valley, the top three (3) producing regions, had a combined contribution of 46 percent to the national saba production. In terms of area planted, Davao Region had the largest at 21,866 hectares which was 12 percent to the national total area planted to saba. Western Visayas, the second largest producer, contributed 10 percent to the national area planted to saba. CALABARZON contributed 9 percent to the total area planted. Four (4) regions shared 8 percent each to the national area planted, namely, Cagayan Valley, MIMAROPA, Eastern Visayas and ARMM. In terms of the number of bearing hills, the contributions were 15 percent from Davao Region, 11 percent from Cagayan Valley and 10 percent from Western Visayas.

Table 3.1 BANANA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**6,298,225**	**6,794,564**	**7,484,073**	**8,687,624**	**9,013,186**
CAR	23,899	25,054	26,786	26,700	26,981
Ilocos Region	37,370	41,950	46,393	46,114	43,270
Cagayan Valley	269,242	350,997	386,928	378,201	419,406
Central Luzon	46,411	50,821	51,634	54,796	54,714
CALABARZON	138,854	105,520	101,682	105,366	109,406
MIMAROPA	203,676	185,542	188,588	196,096	204,745
Bicol Region	68,235	63,772	55,459	67,599	73,512
Western Visayas	286,637	315,970	331,646	328,171	334,507
Central Visayas	146,100	163,291	157,153	169,643	187,533
Eastern Visayas	234,768	229,948	246,144	269,133	275,425
Zamboanga Peninsula	242,490	237,693	247,271	253,667	261,081
Northern Mindanao	590,026	662,189	933,114	1,631,304	1,657,686
Davao Region	2,673,618	2,945,845	3,180,331	3,569,079	3,749,766
SOCCSKSARGEN	753,495	830,822	935,565	998,635	1,024,009
Caraga	208,432	213,155	222,703	219,636	209,399
ARMM	374,970	371,994	372,676	373,486	381,745
Area (Ha)					
PHILIPPINES	**417,755**	**428,804**	**436,762**	**438,593**	**446,371**
CAR	3,477	4,121	5,056	4,956	4,864
Ilocos Region	7,839	7,874	7,889	7,863	7,818
Cagayan Valley	23,371	23,325	23,736	23,576	23,634
Central Luzon	6,235	6,279	6,290	6,305	6,291
CALABARZON	34,044	30,375	28,577	28,621	29,364
MIMAROPA	29,387	26,311	26,562	26,753	26,522
Bicol Region	19,241	18,730	18,751	18,754	18,694
Western Visayas	34,689	34,735	34,759	34,221	34,310
Central Visayas	20,929	21,066	21,086	21,097	21,500
Eastern Visayas	30,353	30,399	30,424	30,649	30,694
Zamboanga Peninsula	20,013	19,618	19,568	19,620	19,614
Northern Mindanao	36,815	49,228	49,750	49,903	50,527
Davao Region	68,413	73,297	78,647	80,221	86,302
SOCCSKSARGEN	25,274	26,779	28,794	29,101	28,876
Caraga	26,666	25,793	25,961	25,967	25,791
ARMM	31,008	30,874	30,913	30,988	31,570
Yield Per Hectare (mt)					
PHILIPPINES	**15.08**	**15.85**	**17.14**	**19.81**	**20.19**
CAR	6.87	6.08	5.30	5.39	5.55
Ilocos Region	4.77	5.33	5.88	5.86	5.53
Cagayan Valley	11.52	15.05	16.30	16.04	17.75
Central Luzon	7.44	8.09	8.21	8.69	8.70
CALABARZON	4.08	3.47	3.56	3.68	3.73
MIMAROPA	6.93	7.05	7.10	7.33	7.72
Bicol Region	3.55	3.40	2.96	3.60	3.93
Western Visayas	8.26	9.10	9.54	9.59	9.75
Central Visayas	6.98	7.75	7.45	8.04	8.72
Eastern Visayas	7.73	7.56	8.09	8.78	8.97
Zamboanga Peninsula	12.12	12.12	12.64	12.93	13.31
Northern Mindanao	16.03	13.45	18.76	32.69	32.81
Davao Region	39.08	40.19	40.44	44.49	43.45
SOCCSKSARGEN	29.81	31.03	32.49	34.32	35.46
Caraga	7.82	8.26	8.58	8.46	8.12
ARMM	12.09	12.05	12.06	12.05	12.09

Table 3.1a BANANA: NUMBER OF BEARING HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
BEARING HILLS (no.)					
PHILIPPINES	**212,756,103**	**228,036,614**	**250,538,983**	**264,356,573**	**271,047,238**
CAR	1,398,395	1,454,056	1,463,370	1,550,240	1,547,676
Ilocos Region	3,052,103	3,087,073	3,159,592	3,130,777	3,093,145
Cagayan Valley	15,686,781	15,159,635	14,976,443	14,883,540	14,858,599
Central Luzon	1,702,719	2,028,648	2,048,360	2,079,009	2,062,705
CALABARZON	10,403,176	9,504,883	8,839,673	9,024,617	9,089,691
MIMAROPA	11,202,021	11,092,888	10,486,808	10,749,567	10,780,269
Bicol Region	6,026,749	5,971,061	5,885,969	5,888,186	5,891,296
Western Visayas	15,116,275	15,538,397	15,499,620	15,482,180	14,902,646
Central Visayas	8,133,702	8,377,449	8,404,982	8,599,420	9,263,832
Eastern Visayas	8,791,106	8,858,994	9,341,678	9,387,494	9,470,574
Zamboanga Peninsula	7,424,756	6,920,463	7,140,254	7,139,955	7,048,624
Northern Mindanao	18,210,902	23,092,352	35,338,613	40,579,501	41,572,541
Davao Region	66,510,059	73,582,348	81,235,881	87,299,033	93,286,245
SOCCSKSARGEN	17,926,292	22,139,542	25,602,717	27,429,511	27,022,991
Caraga	9,499,873	9,345,231	9,579,749	9,455,483	9,392,270
ARMM	11,671,194	11,883,594	11,535,274	11,678,060	11,764,134
BEARING TREES PER HECTARE					
PHILIPPINES	**509**	**532**	**574**	**603**	**607**
CAR	402	353	289	313	318
Ilocos Region	389	392	401	398	396
Cagayan Valley	671	650	631	631	629
Central Luzon	273	323	326	330	328
CALABARZON	306	313	309	315	310
MIMAROPA	381	422	395	402	406
Bicol Region	313	319	314	314	315
Western Visayas	436	447	446	452	434
Central Visayas	389	398	399	408	431
Eastern Visayas	290	291	307	306	309
Zamboanga Peninsula	371	353	365	364	359
Northern Mindanao	495	469	710	813	823
Davao Region	972	1,004	1,033	1,088	1,081
SOCCSKSARGEN	709	827	889	943	936
Caraga	356	362	369	364	364
ARMM	376	385	373	377	373
YIELD PER BEARING HILLS (kg)					
PHILIPPINES	**29.60**	**29.80**	**29.87**	**32.86**	**33.25**
CAR	17.09	17.23	18.30	17.22	17.43
Ilocos Region	12.24	13.59	14.68	14.73	13.99
Cagayan Valley	17.16	23.15	25.84	25.41	28.23
Central Luzon	27.26	25.05	25.21	26.36	26.53
CALABARZON	13.35	11.10	11.50	11.68	12.04
MIMAROPA	18.18	16.73	17.98	18.24	18.99
Bicol Region	11.32	10.68	9.42	11.48	12.48
Western Visayas	18.96	20.33	21.40	21.20	22.45
Central Visayas	17.96	19.49	18.70	19.73	20.24
Eastern Visayas	26.71	25.96	26.35	28.67	29.08
Zamboanga Peninsula	32.66	34.35	34.63	35.53	37.04
Northern Mindanao	32.40	28.68	26.40	40.20	39.87
Davao Region	40.20	40.03	39.15	40.88	40.20
SOCCSKSARGEN	42.03	37.53	36.54	36.41	37.89
Caraga	21.94	22.81	23.25	23.23	22.29
ARMM	32.13	31.30	32.31	31.98	32.45

Table 3.1.1 BANANA CAVENDISH: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**2,490,271**	**2,810,985**	**3,323,072**	**4,328,989**	**4,497,722**
CAR					
Ilocos Region					
Cagayan Valley					305
Central Luzon					
CALABARZON					149
MIMAROPA					
Bicol Region					
Western Visayas	1,514	1,583	1,591	1,568	1,558
Central Visayas	12	118	128	279	824
Eastern Visayas				55	190
Zamboanga Peninsula	237	200	194	197	187
Northern Mindanao	117,856	172,013	412,713	1,076,751	1,095,816
Davao Region	1,991,911	2,231,413	2,439,988	2,746,338	2,877,651
SOCCSKSARGEN	268,238	294,292	358,441	392,886	405,861
Caraga	12,180	12,786	13,768	14,527	14,674
ARMM	98,322	98,579	96,249	96,388	100,508
Area (Ha)					
PHILIPPINES	**51,568**	**67,803**	**74,013**	**75,151**	**77,599**
CAR					
Ilocos Region					
Cagayan Valley			5	5	6
Central Luzon					
CALABARZON	2	2	2		25
MIMAROPA					
Bicol Region					
Western Visayas	143	139	142	145	146
Central Visayas	7	13	14	27	86
Eastern Visayas				15	34
Zamboanga Peninsula	31	31	31	30	30
Northern Mindanao	3,131	15,046	15,546	15,545	16,059
Davao Region	37,345	40,585	44,691	45,655	47,435
SOCCSKSARGEN	6,242	7,280	8,860	8,995	8,833
Caraga	534	544	557	569	580
ARMM	4,133	4,163	4,165	4,165	4,365
Yield Per Hectare (mt)					
PHILIPPINES	**48.29**	**41.46**	**44.90**	**57.60**	**57.96**
CAR					
Ilocos Region					
Cagayan Valley					50.83
Central Luzon					
CALABARZON					5.94
MIMAROPA					
Bicol Region					
Western Visayas	10.57	11.37	11.20	10.81	10.67
Central Visayas	1.74	9.11	9.14	10.34	9.58
Eastern Visayas				3.69	5.55
Zamboanga Peninsula	7.66	6.46	6.27	6.57	6.34
Northern Mindanao	37.64	11.43	26.55	69.27	68.24
Davao Region	53.34	54.98	54.60	60.15	60.67
SOCCSKSARGEN	42.98	40.42	40.46	43.68	45.95
Caraga	22.81	23.50	24.72	25.53	25.30
ARMM	23.79	23.68	23.11	23.14	23.03

Table 3.1.1a BANANA CAVENDISH: NUMBER OF BEARING HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
BEARING HILLS (no.)					
PHILIPPINES	**60,966,917**	**73,914,227**	**92,933,070**	**105,089,123**	**109,301,924**
CAR					
Ilocos Region					
Cagayan Valley					4,000
Central Luzon					
CALABARZON	800	300	300		19,000
MIMAROPA					
Bicol Region					
Western Visayas	62,744	63,472	63,830	63,780	63,856
Central Visayas	2,450	4,550	4,760	15,436	35,450
Eastern Visayas				3,296	17,504
Zamboanga Peninsula	8,400	7,539	7,559	7,609	6,289
Northern Mindanao	1,472,651	6,190,718	17,790,708	22,520,085	23,519,585
Davao Region	49,789,350	56,069,941	61,703,537	67,586,761	71,170,988
SOCCSKSARGEN	6,787,382	8,734,797	10,991,120	12,426,350	11,959,402
Caraga	440,056	440,060	441,356	441,056	453,200
ARMM	2,403,085	2,402,850	1,929,900	2,024,750	2,052,650
BEARING TREES PER HECTARE					
PHILIPPINES	**1,182**	**1,090**	**1,256**	**1,398**	**1,409**
CAR					
Ilocos Region					
Cagayan Valley					667
Central Luzon					
CALABARZON	400	150	150		760
MIMAROPA					
Bicol Region					
Western Visayas	438	456	450	440	437
Central Visayas	350	350	340	572	412
Eastern Visayas				220	512
Zamboanga Peninsula	271	243	244	254	213
Northern Mindanao	470	411	1,144	1,449	1,465
Davao Region	1,333	1,382	1,381	1,480	1,500
SOCCSKSARGEN	1,087	1,200	1,241	1,381	1,354
Caraga	824	809	792	775	781
ARMM	581	577	463	486	470
YIELD PER BEARING HILLS (kg)					
PHILIPPINES	**40.85**	**38.03**	**35.76 R/**	**41.19 R/**	**41.15**
CAR					
Ilocos Region					
Cagayan Valley					76.25
Central Luzon					
CALABARZON					7.82
MIMAROPA					
Bicol Region					
Western Visayas	24.13	24.94	24.92	24.59	24.41
Central Visayas	4.96	26.02	26.88	18.09	23.24
Eastern Visayas				16.81	10.83
Zamboanga Peninsula	28.26	26.55	25.71	25.91	29.76
Northern Mindanao	80.03	27.79	23.20	47.81	46.59
Davao Region	40.01	39.80	39.54	40.63	40.43
SOCCSKSARGEN	39.52	33.69	32.61	31.62	33.94
Caraga	27.68	29.06	31.19	32.94	32.38
ARMM	40.91	41.03	49.87	47.61	48.97

R/ - Revised

Table 3.1.2 BANANA LACATAN: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**774,050**	**836,016**	**875,271**	**890,702**	**916,932**
CAR	3,710	4,103	4,846	4,804	4,930
Ilocos Region	978	1,160	1,135	1,095	1,005
Cagayan Valley	33,063	40,151	42,805	41,798	45,746
Central Luzon	9,871	11,168	11,635	12,829	12,854
CALABARZON	12,268	8,728	8,072	8,237	8,359
MIMAROPA	37,820	34,150	35,021	36,396	38,228
Bicol Region	3,183	2,935	2,632	3,362	3,554
Western Visayas	16,459	19,270	19,675	19,024	19,212
Central Visayas	11,683	12,290	11,189	12,515	14,690
Eastern Visayas	12,031	12,763	14,385	15,495	15,795
Zamboanga Peninsula	43,385	45,239	48,514	49,890	52,826
Northern Mindanao	131,264	135,799	145,588	152,631	154,704
Davao Region	155,583	174,858	187,303	188,762	205,200
SOCCSKSARGEN	181,755	216,795	225,881	228,537	225,388
Caraga	28,630	28,096	29,041	27,823	26,993
ARMM	92,366	88,510	87,549	87,503	87,449
Area (Ha)					
PHILIPPINES	**52,315**	**52,377**	**53,155**	**53,591**	**56,252**
CAR	475	698	987	975	968
Ilocos Region	297	299	291	288	290
Cagayan Valley	3,187	3,192	3,207	3,207	3,226
Central Luzon	1,247	1,253	1,262	1,281	1,282
CALABARZON	3,252	2,670	2,423	2,438	2,418
MIMAROPA	4,884	4,878	4,912	4,945	4,964
Bicol Region	1,074	1,060	1,063	1,063	1,063
Western Visayas	1,742	1,744	1,752	1,730	1,753
Central Visayas	2,231	2,320	2,332	2,344	2,353
Eastern Visayas	1,446	1,453	1,459	1,468	1,471
Zamboanga Peninsula	3,306	3,326	3,339	3,357	3,394
Northern Mindanao	6,605	6,612	6,610	6,685	6,691
Davao Region	7,421	7,789	8,391	8,626	11,023
SOCCSKSARGEN	6,712	6,725	6,885	6,945	6,872
Caraga	3,675	3,665	3,681	3,674	3,529
ARMM	4,761	4,693	4,561	4,565	4,954
Yield Per Hectare (mt)					
PHILIPPINES	**14.80**	**15.96**	**16.47**	**16.62**	**16.30**
CAR	7.81	5.88	4.91	4.93	5.09
Ilocos Region	3.30	3.88	3.90	3.80	3.47
Cagayan Valley	10.37	12.58	13.35	13.03	14.18
Central Luzon	7.92	8.91	9.22	10.01	10.03
CALABARZON	3.77	3.27	3.33	3.38	3.46
MIMAROPA	7.74	7.00	7.13	7.36	7.70
Bicol Region	2.96	2.77	2.48	3.16	3.34
Western Visayas	9.45	11.05	11.23	11.00	10.96
Central Visayas	5.24	5.30	4.80	5.34	6.24
Eastern Visayas	8.32	8.79	9.86	10.55	10.74
Zamboanga Peninsula	13.12	13.60	14.53	14.86	15.56
Northern Mindanao	19.87	20.54	22.03	22.83	23.12
Davao Region	20.97	22.45	22.32	21.88	18.62
SOCCSKSARGEN	27.08	32.24	32.81	32.91	32.80
Caraga	7.79	7.67	7.89	7.57	7.65
ARMM	19.40	18.86	19.20	19.17	17.65

Table 3.1.2a BANANA LACATAN: NUMBER OF BEARING HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
BEARING HILLS (no.)					
PHILIPPINES	**25,367,241**	**27,094,065**	**29,245,115**	**29,843,193**	**31,384,421**
CAR	202,078	216,218	227,009	264,870	272,479
Ilocos Region	93,671	96,946	92,908	89,863	87,274
Cagayan Valley	2,184,724	2,199,553	2,183,031	2,169,435	2,159,001
Central Luzon	355,770	458,129	461,481	474,229	477,479
CALABARZON	1,056,203	957,027	870,720	872,280	874,040
MIMAROPA	1,777,937	1,773,878	1,931,884	2,037,726	2,056,083
Bicol Region	321,767	323,496	320,489	320,531	320,629
Western Visayas	788,144	902,891	903,214	900,413	895,893
Central Visayas	1,016,609	1,015,316	1,015,324	1,067,154	1,115,523
Eastern Visayas	497,021	487,312	508,796	513,076	536,361
Zamboanga Peninsula	1,164,786	1,197,058	1,238,584	1,242,450	1,230,320
Northern Mindanao	4,434,057	4,476,517	4,769,950	4,878,900	4,881,863
Davao Region	4,011,922	4,305,332	5,242,429	5,376,524	6,828,798
SOCCSKSARGEN	4,212,657	5,334,341	6,062,680	6,213,215	6,229,493
Caraga	1,414,530	1,412,550	1,481,750	1,482,900	1,465,700
ARMM	1,835,366	1,937,501	1,934,866	1,939,627	1,953,485
BEARING TREES PER HECTARE					
PHILIPPINES	**485**	**517**	**550**	**557**	**558**
CAR	425	310	230	272	281
Ilocos Region	316	324	319	312	301
Cagayan Valley	686	689	681	676	669
Central Luzon	285	366	366	370	372
CALABARZON	325	358	359	358	361
MIMAROPA	364	364	393	412	414
Bicol Region	300	305	301	302	302
Western Visayas	452	518	516	520	511
Central Visayas	456	438	435	455	474
Eastern Visayas	344	335	349	349	365
Zamboanga Peninsula	352	360	371	370	362
Northern Mindanao	671	677	722	730	730
Davao Region	541	553	625	623	620
SOCCSKSARGEN	628	793	881	895	907
Caraga	385	385	403	404	415
ARMM	386	413	424	425	394
YIELD PER BEARING HILLS (kg)					
PHILIPPINES	**30.51**	**30.86**	**29.93**	**29.85**	**29.22**
CAR	18.36	18.98	21.35	18.14	18.09
Ilocos Region	10.44	11.96	12.22	12.19	11.52
Cagayan Valley	15.13	18.25	19.61	19.27	21.19
Central Luzon	27.75	24.38	25.21	27.05	26.92
CALABARZON	11.62	9.12	9.27	9.44	9.56
MIMAROPA	21.27	19.25	18.13	17.86	18.59
Bicol Region	9.89	9.07	8.21	10.49	11.08
Western Visayas	20.88	21.34	21.78	21.13	21.44
Central Visayas	11.49	12.10	11.02	11.73	13.17
Eastern Visayas	24.21	26.19	28.27	30.20	29.45
Zamboanga Peninsula	37.25	37.79	39.17	40.15	42.94
Northern Mindanao	29.60	30.34	30.52	31.28	31.69
Davao Region	38.78	40.61	35.73	35.11	30.05
SOCCSKSARGEN	43.14	40.64	37.26	36.78	36.18
Caraga	20.24	19.89	19.60	18.76	18.42
ARMM	50.33	45.68	45.25	45.11	44.77

Table 3.1.3 BANANA SABA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**2,204,393**	**2,285,809**	**2,385,614**	**2,526,835**	**2,636,342**
CAR	7,680	8,068	8,715	8,989	9,090
Ilocos Region	19,701	21,908	23,448	23,118	21,573
Cagayan Valley	182,903	244,841	272,860	268,663	302,776
Central Luzon	22,148	23,882	23,861	25,566	25,068
CALABARZON	87,912	67,430	65,296	67,565	70,343
MIMAROPA	123,986	112,931	115,181	121,094	126,831
Bicol Region	34,852	32,549	29,045	35,443	38,636
Western Visayas	174,517	190,128	201,772	200,390	205,426
Central Visayas	100,000	110,675	107,156	116,207	126,672
Eastern Visayas	160,779	153,911	162,828	176,903	180,061
Zamboanga Peninsula	129,304	127,377	134,099	136,980	140,002
Northern Mindanao	220,385	226,990	238,694	253,216	259,750
Davao Region	462,471	470,975	480,171	548,341	576,523
SOCCSKSARGEN	251,261	263,295	285,560	307,192	320,277
Caraga	111,516	114,113	117,361	116,941	109,532
ARMM	114,980	116,737	119,566	120,228	123,782
Area (Ha)					
PHILIPPINES	**185,168**	**181,568**	**183,028**	**183,139**	**185,118**
CAR	898	1,040	1,338	1,336	1,304
Ilocos Region	3,269	3,269	3,275	3,270	3,267
Cagayan Valley	14,198	14,203	14,513	14,360	14,387
Central Luzon	2,427	2,444	2,445	2,444	2,439
CALABARZON	17,562	16,572	16,300	16,337	17,087
MIMAROPA	17,442	14,394	14,582	14,712	14,720
Bicol Region	9,699	9,509	9,510	9,512	9,462
Western Visayas	18,968	19,019	19,039	18,742	18,701
Central Visayas	12,582	12,567	12,567	12,567	12,891
Eastern Visayas	14,436	14,475	14,477	14,571	14,579
Zamboanga Peninsula	8,275	8,267	8,255	8,319	8,351
Northern Mindanao	12,143	12,557	12,623	12,694	12,831
Davao Region	19,985	20,607	21,032	21,084	21,866
SOCCSKSARGEN	9,066	9,111	9,259	9,314	9,346
Caraga	10,020	9,309	9,374	9,384	9,394
ARMM	14,199	14,225	14,439	14,492	14,493
Yield Per Hectare (mt)					
PHILIPPINES	**11.90**	**12.59**	**13.03**	**13.80**	**14.24**
CAR	8.55	7.76	6.51	6.73	6.97
Ilocos Region	6.03	6.70	7.16	7.07	6.60
Cagayan Valley	12.88	17.24	18.80	18.71	21.05
Central Luzon	9.13	9.77	9.76	10.46	10.28
CALABARZON	5.01	4.07	4.01	4.14	4.12
MIMAROPA	7.11	7.85	7.90	8.23	8.62
Bicol Region	3.59	3.42	3.05	3.73	4.08
Western Visayas	9.20	10.00	10.60	10.69	10.98
Central Visayas	7.95	8.81	8.53	9.25	9.83
Eastern Visayas	11.14	10.63	11.25	12.14	12.35
Zamboanga Peninsula	15.63	15.41	16.24	16.47	16.76
Northern Mindanao	18.15	18.08	18.91	19.95	20.24
Davao Region	23.14	22.86	22.83	111.55	114.16
SOCCSKSARGEN	27.71	28.90	30.84	32.98	34.27
Caraga	11.13	12.26	12.52	12.46	11.66
ARMM	8.10	8.21	8.28	8.30	8.54

Table 3.1.3a BANANA SABA: NUMBER OF BEARING HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
BEARING HILLS (no.)					
PHILIPPINES	**76,300,864**	**76,714,879**	**76,843,550**	**77,109,265**	**77,905,041**
CAR	401,632	419,777	429,870	467,782	464,590
Ilocos Region	1,255,192	1,271,286	1,283,451	1,266,925	1,250,303
Cagayan Valley	9,550,171	9,154,073	9,032,236	8,885,646	8,890,325
Central Luzon	650,540	690,559	692,261	733,476	708,892
CALABARZON	5,379,305	4,885,765	4,885,960	4,844,360	4,889,120
MIMAROPA	6,743,205	6,672,291	5,718,927	5,846,345	5,957,017
Bicol Region	2,751,478	2,749,265	2,744,927	2,745,687	2,746,935
Western Visayas	7,720,432	7,969,909	7,994,964	7,979,066	7,618,011
Central Visayas	4,459,710	4,470,311	4,463,662	4,469,849	4,953,548
Eastern Visayas	3,929,500	3,971,435	4,195,291	4,206,634	4,226,478
Zamboanga Peninsula	3,350,212	3,195,908	3,339,460	3,341,480	3,299,840
Northern Mindanao	6,257,810	6,353,834	6,477,100	6,602,190	6,594,542
Davao Region	10,533,512	10,850,302	11,311,784	11,294,122	11,796,668
SOCCSKSARGEN	5,166,028	5,818,795	6,002,340	6,130,981	6,174,178
Caraga	3,341,277	3,204,877	3,218,502	3,213,952	3,224,215
ARMM	4,810,859	5,036,492	5,052,815	5,080,770	5,110,379
BEARING TREES PER HECTARE					
PHILIPPINES	**412**	**423**	**420**	**421**	**421**
CAR	447	404	321	350	356
Ilocos Region	384	389	392	387	383
Cagayan Valley	673	645	622	619	618
Central Luzon	268	283	283	300	291
CALABARZON	306	295	300	297	286
MIMAROPA	387	464	392	397	405
Bicol Region	284	289	289	289	290
Western Visayas	407	419	420	426	407
Central Visayas	354	356	355	356	384
Eastern Visayas	272	274	290	289	290
Zamboanga Peninsula	405	387	405	402	395
Northern Mindanao	515	506	513	520	514
Davao Region	527	527	538	536	539
SOCCSKSARGEN	570	639	648	658	661
Caraga	333	344	343	342	343
ARMM	339	354	350	351	353
YIELD PER BEARING HILLS (kg)					
PHILIPPINES	**28.89**	**29.80**	**31.05**	**32.77**	**33.84**
CAR	19.12	19.22	20.27	19.22	19.57
Ilocos Region	15.70	17.23	18.27	18.25	17.25
Cagayan Valley	19.15	26.75	30.21	30.24	34.06
Central Luzon	34.05	34.58	34.47	34.86	35.36
CALABARZON	16.34	13.80	13.36	13.95	14.39
MIMAROPA	18.39	16.93	20.14	20.71	21.29
Bicol Region	12.67	11.84	10.58	12.91	14.06
Western Visayas	22.60	23.86	25.24	25.11	26.97
Central Visayas	22.42	24.76	24.01	26.00	25.57
Eastern Visayas	40.92	38.75	38.81	42.05	42.60
Zamboanga Peninsula	38.60	39.86	40.16	40.99	42.43
Northern Mindanao	35.22	35.72	36.85	38.35	39.39
Davao Region	43.90	43.41	42.45	48.55	48.87
SOCCSKSARGEN	48.64	45.25	47.57	50.10	51.87
Caraga	33.38	35.61	36.46	36.39	33.97
ARMM	23.90	23.18	23.66	23.66	24.22

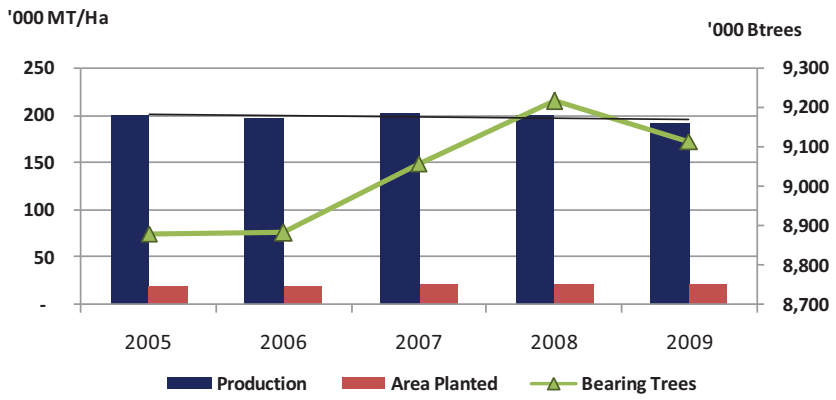
HIGHLIGHTS

CALAMANSI

From 2005-2009, calamansi production decreased by 1 percent annually. This was due to the decreases in area planted by 0.21 percent and in the number of bearing trees by 1 percent.

In 2009, production of calamansi in MIMAROPA, the largest calamansi producer, was 113 thousand mt, 4 percent lower than its production of 118 thousand mt in 2008 (Figure 1). Rains during the flowering stage affected fruit formation. The region produced 59 percent of the national calamansi production. Production in CALABARZON, the second largest producer, was 15,096 mt, 2 percent lower from its 15,337 mt output in 2008.

Figure 1. Calamansi: Volume of production, area planted and number of bearing trees, Philippines, 2005-2009



MIMAROPA's area planted to calamansi comprised 38 percent of the total area devoted to this crop in the country (Figure 2). The region's number of bearing trees was 3,304,141 trees and these contributed 36 percent to the national total. Davao Region had the second largest area planted to calamansi with a share of 10 percent to the national total. Correspondingly, the region's number of bearing trees was 11 percent of the national total.

Figure 2. Calamansi: Top producing regions, Philippines, 2009

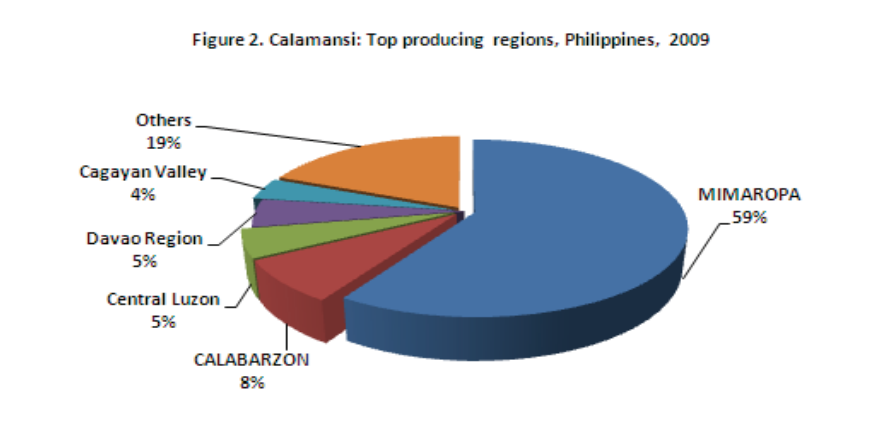


Table 3.2 CALAMANSI: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**200,808**	**196,595**	**201,619**	**199,675**	**192,187**
CAR	466	451	450	438	426
Ilocos Region	2,661	3,163	3,399	3,431	3,311
Cagayan Valley	5,096	6,104	8,529	8,481	7,631
Central Luzon	9,116	9,444	10,069	10,243	9,940
CALABARZON	14,276	13,884	14,961	15,337	15,096
MIMAROPA	126,331	120,709	121,047	118,245	113,436
Bicol Region	2,313	2,295	2,249	2,513	2,309
Western Visayas	7,498	7,489	7,281	6,944	6,552
Central Visayas	2,062	1,360	1,210	1,227	1,271
Eastern Visayas	2,382	2,401	2,432	2,454	2,483
Zamboanga Peninsula	5,206	5,549	5,384	5,907	5,702
Northern Mindanao	1,132	1,159	1,290	1,265	1,261
Davao Region	10,050	10,124	10,327	10,193	10,029
SOCCSKSARGEN	6,271	6,536	6,935	6,646	6,581
Caraga	4,800	4,787	4,896	5,203	4,994
ARMM	1,149	1,141	1,159	1,149	1,165
Area (Ha)					
PHILIPPINES	**20,209**	**20,253**	**20,545**	**20,956**	**20,912**
CAR	69	70	68	68	65
Ilocos Region	992	1,006	1,013	1,018	1,025
Cagayan Valley	982	1,032	1,109	1,180	1,182
Central Luzon	1,182	1,195	1,225	1,223	1,226
CALABARZON	1,510	1,450	1,423	1,478	1,480
MIMAROPA	7,936	7,938	7,949	7,962	7,966
Bicol Region	1,091	1,071	1,077	1,077	1,030
Western Visayas	972	975	971	962	939
Central Visayas	254	249	249	252	257
Eastern Visayas	184	184	187	192	195
Zamboanga Peninsula	675	690	725	979	981
Northern Mindanao	415	425	425	425	425
Davao Region	1,950	1,952	1,963	1,995	1,993
SOCCSKSARGEN	765	779	924	924	926
Caraga	1,083	1,089	1,089	1,072	1,073
ARMM	150	148	148	149	149
Yield Per Hectare (mt)					
PHILIPPINES	**9.94**	**9.71**	**9.81**	**9.53**	**9.19**
CAR	6.75	6.44	6.62	6.44	6.56
Ilocos Region	2.68	3.14	3.36	3.37	3.23
Cagayan Valley	5.19	5.92	7.69	7.19	6.46
Central Luzon	7.71	7.90	8.22	8.38	8.11
CALABARZON	9.45	9.58	10.51	10.38	10.20
MIMAROPA	15.92	15.21	15.23	14.85	14.24
Bicol Region	2.12	2.14	2.09	2.33	2.24
Western Visayas	7.71	7.68	7.50	7.22	6.98
Central Visayas	8.12	5.46	4.86	4.87	4.95
Eastern Visayas	12.98	13.07	13.04	12.82	12.74
Zamboanga Peninsula	7.71	8.04	7.43	6.03	5.81
Northern Mindanao	2.73	2.73	3.03	2.98	2.97
Davao Region	5.15	5.19	5.26	5.11	5.03
SOCCSKSARGEN	8.20	8.39	7.51	7.19	7.11
Caraga	4.43	4.40	4.50	4.85	4.65
ARMM	7.66	7.71	7.83	7.71	7.82

Table 3.2a CALAMANSI: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
BEARING TREES (no.)					
PHILIPPINES	**8,881,381**	**8,882,304**	**9,056,933**	**9,216,422**	**9,115,380**
CAR	34,998	34,603	33,911	33,814	32,975
Ilocos Region	368,122	377,835	378,951	379,050	401,232
Cagayan Valley	574,770	598,605	656,035	673,145	673,671
Central Luzon	445,699	462,358	503,690	510,930	519,730
CALABARZON	779,161	735,695	731,948	740,558	739,088
MIMAROPA	3,370,395	3,369,816	3,398,380	3,407,937	3,304,141
Bicol Region	276,874	261,657	262,412	266,265	239,815
Western Visayas	690,805	695,124	699,850	675,673	655,879
Central Visayas	112,622	108,995	114,595	115,040	115,092
Eastern Visayas	55,296	55,841	59,799	60,626	60,802
Zamboanga Peninsula	249,645	250,227	251,289	360,740	370,190
Northern Mindanao	122,858	122,858	133,070	133,285	132,137
Davao Region	993,635	994,447	994,975	996,700	1,006,378
SOCCSKSARGEN	395,233	405,377	415,312	434,904	435,955
Caraga	373,465	371,565	383,135	385,535	386,050
ARMM	37,803	37,300	39,580	42,220	42,245
BEARING TREES PER HECTARE					
PHILIPPINES	**439**	**439**	**441**	**440**	**436**
CAR	507	494	499	497	507
Ilocos Region	371	376	374	372	391
Cagayan Valley	585	580	592	570	570
Central Luzon	377	387	411	418	424
CALABARZON	516	507	514	501	499
MIMAROPA	425	425	428	428	415
Bicol Region	254	244	244	247	233
Western Visayas	711	713	721	702	698
Central Visayas	443	438	460	457	448
Eastern Visayas	301	304	321	317	312
Zamboanga Peninsula	370	363	347	368	377
Northern Mindanao	296	289	313	314	311
Davao Region	510	509	507	500	505
SOCCSKSARGEN	517	520	449	471	471
Caraga	345	341	352	360	360
ARMM	252	252	267	283	284
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**22.61**	**22.13**	**22.26**	**21.67**	**21.08**
CAR	13.32	13.02	13.28	12.96	12.93
Ilocos Region	7.23	8.37	8.97	9.05	8.25
Cagayan Valley	8.87	10.20	13.00	12.60	11.33
Central Luzon	20.45	20.43	19.99	20.05	19.13
CALABARZON	18.32	18.87	20.44	20.71	20.43
MIMAROPA	37.48	35.82	35.62	34.70	34.33
Bicol Region	8.35	8.77	8.57	9.44	9.63
Western Visayas	10.85	10.77	10.40	10.28	9.99
Central Visayas	18.31	12.48	10.56	10.67	11.05
Eastern Visayas	43.07	42.99	40.67	40.48	40.83
Zamboanga Peninsula	20.86	22.18	21.43	16.38	15.40
Northern Mindanao	9.21	9.44	9.69	9.49	9.55
Davao Region	10.11	10.18	10.38	10.23	9.97
SOCCSKSARGEN	15.87	16.12	16.70	15.28	15.10
Caraga	12.85	12.88	12.78	13.50	12.94
ARMM	30.39	30.59	29.29	27.21	27.57

Table 3.3 DURIAN: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**47,296**	**48,465**	**73,250**	**51,399**	**55,727**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	71	76	75	73	81
MIMAROPA	11	10	11	13	13
Bicol Region					
Western Visayas	267	251	256	299	336
Central Visayas		4	2	6	17
Eastern Visayas	6	6	7	7	9
Zamboanga Peninsula	394	403	515	348	537
Northern Mindanao	1,289	1,331	1,511	1,438	1,932
Davao Region	26,640	28,293	51,222	36,787	42,817
SOCCSKSARGEN	2,482	2,155	2,896	2,230	2,985
Caraga	643	890	1,042	1,105	1,341
ARMM	15,493	15,045	15,714	9,092	5,660
Area (Ha)					
PHILIPPINES	**13,769**	**15,673**	**17,167**	**18,371**	**18,669**
CAR					
Ilocos Region					
Cagayan Valley			3	3	3
Central Luzon					
CALABARZON	32	33	33	34	34
MIMAROPA	19	19	21	24	25
Bicol Region					
Western Visayas	111	111	111	181	181
Central Visayas		3	3	8	17
Eastern Visayas	9	24	24	32	34
Zamboanga Peninsula	516	858	874	908	1,006
Northern Mindanao	890	1,154	1,155	1,359	1,414
Davao Region	7,872	9,168	10,363	11,194	11,299
SOCCSKSARGEN	1,526	1,546	1,771	1,812	1,815
Caraga	1,655	1,656	1,688	1,685	1,685
ARMM	1,139	1,101	1,121	1,131	1,156
Yield Per Hectare (mt)					
PHILIPPINES	**3.43**	**3.09**	**4.27**	**2.80**	**2.99**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	2.23	2.30	2.27	2.16	2.38
MIMAROPA	0.60	0.54	0.50	0.54	0.51
Bicol Region					
Western Visayas	2.40	2.26	2.31	1.65	1.86
Central Visayas		1.33	0.60	0.79	1.02
Eastern Visayas	0.66	0.26	0.28	0.23	0.26
Zamboanga Peninsula	0.76	0.47	0.59	0.38	0.53
Northern Mindanao	1.45	1.15	1.31	1.06	1.37
Davao Region	3.38	3.09	4.94	3.29	3.79
SOCCSKSARGEN	1.63	1.39	1.64	1.23	1.64
Caraga	0.39	0.54	0.62	0.66	0.80
ARMM	13.60	13.66	14.02	8.04	4.90

Table 3.3a DURIAN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
BEARING TREES (no.)					
PHILIPPINES	**583,668**	**609,814**	**649,947**	**638,854**	**649,853**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	2,000	2,000	1,800	1,800	1,850
MIMAROPA	900	900	985	1,121	1,204
Bicol Region					
Western Visayas	4,712	4,742	4,772	4,802	5,062
Central Visayas		178	178	618	690
Eastern Visayas	171	175	175	216	273
Zamboanga Peninsula	13,774	14,674	16,054	16,075	17,205
Northern Mindanao	43,225	44,875	46,840	56,173	60,929
Davao Region	368,707	382,427	403,108	380,439	383,256
SOCCSKSARGEN	59,310	61,948	72,980	74,260	75,719
Caraga	31,775	36,975	41,785	41,840	41,840
ARMM	59,094	60,920	61,270	61,510	61,825
BEARING TREES PER HECTARE					
PHILIPPINES	**42**	**39**	**38**	**35**	**35**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	63	61	55	53	54
MIMAROPA	47	47	47	48	48
Bicol Region					
Western Visayas	42	43	43	27	28
Central Visayas		59	59	77	42
Eastern Visayas	19	7	7	7	8
Zamboanga Peninsula	27	17	18	18	17
Northern Mindanao	49	39	41	41	43
Davao Region	47	42	39	34	34
SOCCSKSARGEN	39	40	41	41	42
Caraga	19	22	25	25	25
ARMM	52	55	55	54	53
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**81.03**	**79.48**	**112.70**	**80.46**	**85.75**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	35.68	37.91	41.64	40.80	43.68
MIMAROPA	12.62	11.48	10.75	11.24	10.54
Bicol Region					
Western Visayas	56.63	52.97	53.63	62.27	66.35
Central Visayas		22.47	10.11	10.19	24.49
Eastern Visayas	34.56	35.89	38.86	34.35	32.78
Zamboanga Peninsula	28.64	27.49	32.09	21.63	31.21
Northern Mindanao	29.82	29.66	32.25	25.59	31.72
Davao Region	72.25	73.98	127.07	96.70	111.72
SOCCSKSARGEN	41.85	34.79	39.68	30.04	39.42
Caraga	20.23	24.06	24.93	26.42	32.04
ARMM	262.17	246.96	256.48	147.81	91.55

Table 3.4 LANZONES: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**59,769**	**50,012**	**58,258**	**7,407**	**15,341**
CAR	12	13	16	17	15
Ilocos Region	1	1	1	1	1
Cagayan Valley	100	115	119	106	111
Central Luzon	20	20	22	14	12
CALABARZON	6,919	4,248	4,301	1,282	715
MIMAROPA	209	172	174	155	151
Bicol Region	14	8	8	9	9
Western Visayas	567	545	612	503	484
Central Visayas	207	80	112	40	128
Eastern Visayas	757	735	733	727	651
Zamboanga Peninsula	2,178	800	2,796	109	184
Northern Mindanao	2,718	1,948	3,627	1,236	4,448
Davao Region	5,483	2,345	6,078	2,502	1,985
SOCCSKSARGEN	1,271	543	1,244	252	333
Caraga	342	335	75	111	108
ARMM	38,971	38,105	38,341	344	6,005
Area (Ha)					
PHILIPPINES	**18,266**	**19,668**	**20,015**	**20,331**	**20,430**
CAR	15	25	25	25	25
Ilocos Region	3	4	5	8	8
Cagayan Valley	21	20	27	27	27
Central Luzon	6	6	7	7	6
CALABARZON	4,337	4,334	4,319	4,319	4,321
MIMAROPA	309	309	322	323	323
Bicol Region	35	35	34	34	34
Western Visayas	371	371	372	511	484
Central Visayas	84	84	84	90	97
Eastern Visayas	143	167	173	186	188
Zamboanga Peninsula	1,181	1,711	1,785	1,804	1,884
Northern Mindanao	2,418	3,278	3,288	3,319	3,344
Davao Region	2,041	2,060	2,108	2,112	2,118
SOCCSKSARGEN	1,110	1,108	1,310	1,310	1,312
Caraga	831	829	829	829	832
ARMM	5,361	5,327	5,327	5,427	5,427
Yield Per Hectare (mt)					
PHILIPPINES	**3.27**	**2.54**	**2.91**	**0.36**	**0.75**
CAR	0.77	0.51	0.65	0.70	0.62
Ilocos Region	0.17	0.17	0.17	0.11	0.13
Cagayan Valley	4.77	5.76	4.42	3.92	4.11
Central Luzon	3.35	3.33	3.19	2.05	1.92
CALABARZON	1.60	0.98	1.00	0.30	0.17
MIMAROPA	0.68	0.56	0.54	0.48	0.47
Bicol Region	0.40	0.23	0.24	0.26	0.26
Western Visayas	1.53	1.47	1.64	0.98	1.00
Central Visayas	2.47	0.96	1.33	0.45	1.32
Eastern Visayas	5.29	4.40	4.24	3.91	3.46
Zamboanga Peninsula	1.84	0.47	1.57	0.06	0.10
Northern Mindanao	1.12	0.59	1.10	0.37	1.33
Davao Region	2.69	1.14	2.88	1.18	0.94
SOCCSKSARGEN	1.14	0.49	0.95	0.19	0.25
Caraga	0.41	0.40	0.09	0.13	0.13
ARMM	7.27	7.15	7.20	0.06	1.11

Table 3.4a LANZONES: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
BEARING TREES (no.)					
PHILIPPINES	**1,981,691**	**1,999,588**	**1,964,576**	**2,012,620**	**2,042,666**
CAR	1,755	1,825	1,830	1,830	1,853
Ilocos Region	97	123	141	149	149
Cagayan Valley	3,170	2,790	2,790	2,790	2,790
Central Luzon	1,582	1,612	2,012	2,012	1,862
CALABARZON	481,409	480,631	439,251	470,001	470,001
MIMAROPA	9,949	10,011	10,988	10,732	10,782
Bicol Region	5,247	5,247	4,311	4,311	4,315
Western Visayas	40,781	41,215	41,305	41,331	41,127
Central Visayas	15,904	15,904	15,984	17,660	18,513
Eastern Visayas	11,811	12,267	12,504	12,914	13,379
Zamboanga Peninsula	60,745	74,039	76,750	80,793	82,110
Northern Mindanao	272,091	272,115	272,628	279,875	303,945
Davao Region	293,324	294,393	296,451	299,572	299,774
SOCCSKSARGEN	68,054	72,884	73,201	74,695	77,350
Caraga	23,052	23,052	22,700	22,125	22,095
ARMM	692,720	691,480	691,730	691,830	692,621
BEARING TREES PER HECTARE					
PHILIPPINES	**108**	**102**	**98**	**99**	**100**
CAR	117	73	73	73	74
Ilocos Region	31	31	31	19	19
Cagayan Valley	151	140	103	103	103
Central Luzon	264	269	287	287	310
CALABARZON	111	111	102	109	109
MIMAROPA	32	32	34	33	33
Bicol Region	150	150	127	127	127
Western Visayas	110	111	111	81	85
Central Visayas	189	189	190	196	191
Eastern Visayas	83	73	72	69	71
Zamboanga Peninsula	51	43	43	45	44
Northern Mindanao	113	83	83	84	91
Davao Region	144	143	141	142	142
SOCCSKSARGEN	61	66	56	57	59
Caraga	28	28	27	27	27
ARMM	129	130	130	127	128
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**30.16**	**25.01**	**29.65**	**3.68**	**7.51**
CAR	6.58	6.93	8.91	9.50	8.33
Ilocos Region	5.56	5.41	5.41	5.82	6.69
Cagayan Valley	31.62	41.27	42.76	37.97	39.75
Central Luzon	12.71	12.38	11.09	7.13	6.18
CALABARZON	14.37	8.84	9.79	2.73	1.52
MIMAROPA	21.04	17.21	15.82	14.49	14.03
Bicol Region	2.66	1.51	1.92	2.04	2.07
Western Visayas	13.89	13.21	14.80	12.16	11.77
Central Visayas	13.03	5.05	7.00	2.28	6.93
Eastern Visayas	64.09	59.92	58.60	56.27	48.69
Zamboanga Peninsula	35.85	10.81	36.42	1.34	2.24
Northern Mindanao	9.99	7.16	13.30	4.42	14.63
Davao Region	18.69	7.96	20.50	8.35	6.62
SOCCSKSARGEN	18.67	7.45	16.99	3.37	4.31
Caraga	14.86	14.54	3.31	5.00	4.89
ARMM	56.26	55.11	55.43	0.50	8.67

Table 3.5 MANDARIN: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**20,360**	**24,880**	**25,281**	**22,743**	**20,376**
CAR	885	869	889	885	878
Ilocos Region	11	11	11	11	11
Cagayan Valley	3,164	10,344	10,733	9,821	9,425
Central Luzon	1,605	1,231	1,282	1,294	1,203
CALABARZON	7,003	5,008	5,291	5,022	4,988
MIMAROPA	457	418	418	411	407
Bicol Region	723	687	754	790	817
Western Visayas	70	69	69	63	64
Central Visayas	168	78	172	126	123
Eastern Visayas	21	28	29	30	31
Zamboanga Peninsula	11	3	5	3	3
Northern Mindanao	114	133	138	146	147
Davao Region	4,078	4,015	3,520	2,310	2,138
SOCCSKSARGEN	67	62	62	62	64
Caraga	35	45	50	51	42
ARMM	1,948 R/	1,878	1,858 R/	1,716	36
Area (Ha)					
PHILIPPINES	**8,858**	**9,646**	**9,621**	**9,583**	**9,444**
CAR	127	155	182	178	178
Ilocos Region	21	21	21	21	20
Cagayan Valley	630	1,482	1,454	1,479	1,486
Central Luzon	489	484	484	408	403
CALABARZON	2,221	2,141	2,125	2,150	2,150
MIMAROPA	696	696	697	699	695
Bicol Region	1,762	1,756	1,758	1,753	1,751
Western Visayas	43	42	42	50	47
Central Visayas	40	46	46	46	49
Eastern Visayas	36	37	37	39	40
Zamboanga Peninsula	8	15	15	15	15
Northern Mindanao	36	36	35	35	35
Davao Region	741	741	731	719	685
SOCCSKSARGEN	23	21	21	20	20
Caraga	30	32	32	30	29
ARMM	1,955	1,941	1,941	1,941	1,841
Yield Per Hectare (mt)					
PHILIPPINES	**2.30**	**2.58**	**2.63**	**2.37**	**2.16**
CAR	6.97	5.61	4.88	4.97	4.93
Ilocos Region	0.50	0.52	0.52	0.55	0.56
Cagayan Valley	5.02	6.98	7.38	6.64	6.34
Central Luzon	3.28	2.54	2.65	3.17	2.99
CALABARZON	3.15	2.34	2.49	2.34	2.32
MIMAROPA	0.66	0.60	0.60	0.59	0.59
Bicol Region	0.41	0.39	0.43	0.45	0.47
Western Visayas	1.62	1.65	1.65	1.26	1.35
Central Visayas	4.21	1.70	3.75	2.75	2.51
Eastern Visayas	0.57	0.76	0.80	0.77	0.76
Zamboanga Peninsula	1.33	0.19	0.33	0.17	0.18
Northern Mindanao	3.16	3.71	3.93	4.18	4.19
Davao Region	5.50	5.42	4.82	3.21	3.12
SOCCSKSARGEN	2.93	2.96	2.96	3.12	3.19
Caraga	1.17	1.41	1.57	1.71	1.46
ARMM	1.00	0.97	0.96	0.88	0.02

R/ - Revised

Table 3.5a MANDARIN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
BEARING TREES (no.)					
PHILIPPINES	**1,075,467**	**1,196,065**	**1,199,671**	**1,160,260**	**1,155,686**
CAR	15,032	16,820	17,600	17,610	17,695
Ilocos Region	3,658	3,612	3,608	3,608	3,608
Cagayan Valley	166,665	283,735	287,010	286,720	287,583
Central Luzon	122,760	121,541	121,510	88,830	86,330
CALABARZON	174,960	173,300	173,970	171,200	171,400
MIMAROPA	59,800	59,599	57,969	58,147	57,950
Bicol Region	164,802	164,434	164,361	164,361	164,372
Western Visayas	4,621	5,349	5,204	5,026	4,797
Central Visayas	2,260	5,305	5,305	5,600	5,605
Eastern Visayas	1,336	1,865	1,870	1,894	1,911
Zamboanga Peninsula	679	679	1,680	1,680	1,900
Northern Mindanao	4,295	4,445	4,335	4,335	4,355
Davao Region	156,951	156,903	156,741	153,079	150,084
SOCCSKSARGEN	2,348	2,180	2,155	2,062	2,092
Caraga	3,300	4,350	4,400	4,155	4,095
ARMM	192,000	191,948	191,953	191,953	191,909
BEARING TREES PER HECTARE					
PHILIPPINES	**121**	**124**	**125**	**121**	**122**
CAR	118	109	97	99	99
Ilocos Region	174	174	171	176	180
Cagayan Valley	265	191	197	194	194
Central Luzon	251	251	251	218	214
CALABARZON	79	81	82	80	80
MIMAROPA	86	86	83	83	83
Bicol Region	94	94	93	94	94
Western Visayas	107	127	124	101	102
Central Visayas	57	115	115	122	114
Eastern Visayas	37	50	51	49	48
Zamboanga Peninsula	85	45	112	112	127
Northern Mindanao	119	123	124	124	124
Davao Region	212	212	214	213	219
SOCCSKSARGEN	102	104	103	103	105
Caraga	110	136	138	139	141
ARMM	98	99	99	99	104
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**18.93**	**20.80**	**21.07**	**19.60**	**17.63**
CAR	58.90	51.65	50.50	50.25	49.62
Ilocos Region	2.89	2.97	3.05	3.12	3.13
Cagayan Valley	18.99	36.46	37.40	34.25	32.77
Central Luzon	13.07	10.13	10.55	14.56	13.94
CALABARZON	40.02	28.90	30.41	29.33	29.10
MIMAROPA	7.64	7.01	7.21	7.07	7.02
Bicol Region	4.39	4.18	4.59	4.81	4.97
Western Visayas	15.23	12.99	13.28	12.51	13.27
Central Visayas	74.49	14.71	32.49	22.58	21.92
Eastern Visayas	15.48	15.16	15.76	15.91	15.97
Zamboanga Peninsula	15.61	4.18	2.98	1.52	1.41
Northern Mindanao	26.50	30.01	31.75	33.73	33.69
Davao Region	25.98	25.59	22.46	15.09	14.24
SOCCSKSARGEN	28.74	28.56	28.86	30.28	30.49
Caraga	10.64	10.38	11.41	12.36	10.37
ARMM	10.15	9.78	9.68	8.94	0.19

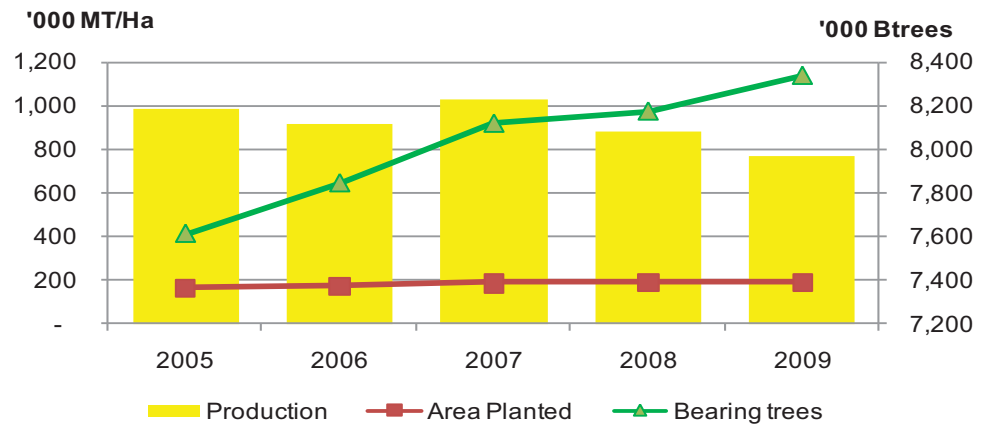
HIGHLIGHTS

MANGO

In 2005-2009, mango production fluctuated and posted an average decline of 5.41 percent annually. Production in 2009 was recorded at 771.44 thousand mt, lower by 12.73 percent than the 884.01 thousand mt in 2008 (Figure 1). The drop in production was due to the adverse effects of typhoons Emong and Peping, rains during flowering stage and cicid fly infestation.

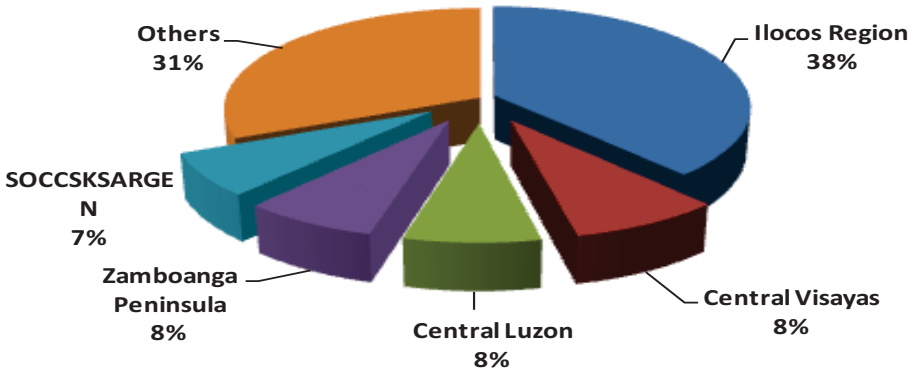
Area planted to mango increased by 3.51 percent annually from 2005 to 2009. SOCCSKSARGEN posted a significant increase of 25.09 percent during the same period.

Figure 1. Mango: Volume of production, area planted and bearing trees, Philippines, 2005-2009



Ilocos region remained as the top producer which accounted for 38.11 percent of the national production. Mango production in the region in 2009 was 293.99 thousand mt which was lower by 23.15 percent of the 382.57 thousand mt production in 2008. In terms of area planted, Central Luzon had the largest area planted of about 33, 563 hectares or 17.84 percent of the country's area planted to mango (Table 3.6)

Figure 2. Mango: Top producing regions, Philippines, 2009



Mango, carabao. During the 2005-2009 period, carabao variety production posted a negative annual growth of 5.5 percent. Production declined inspite of the positive annual growth in area planted of 4.32 percent and number of bearing trees by 3.39 percent. Decrease in production during the period was attributed to less fruits developed due to rainshowers in Ilocos Norte, Northern Mindanao and SOCCSKSARGEN. Central Visayas reported delayed flower induction in 2006. The reduction was also due to the effects of typhoon Cosme in 2007 which toppled down the mango trees in Ilocos Region. The region also reported anthracnose infestation and incidence of leaf hoppers in the same year.

Carabao variety production in 2009 was 621.28 thousand mt which was 12.79 percent less than the 712,409 thousand mt production in 2008. Carabao mango accounted for 80 percent of the national mango production. Area planted to carabao mango went up by 4.32 percent and the number of bearing trees increased by 3.29 percent from 2008 to 2009.

Ilocos Region, the top producer of carabao mango, contributed 40.97 percent to the national production. Central Luzon, however, had the largest area planted to carabao mango at 24,712 hectares or 16.98 percent of the national area planted to this variety.

Table 3.6 MANGO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**984,342**	**919,030**	**1,023,907**	**884,011**	**771,441**
CAR	3,809	3,459	3,762	3,705	3,738
Ilocos Region	440,868	422,533	445,049	382,569	293,993
Cagayan Valley	45,165	51,082	90,108	66,209	37,910
Central Luzon	94,762	85,930	84,131	68,314	58,453
CALABARZON	61,014	41,576	45,424	40,887	42,385
MIMAROPA	8,281	8,081	7,896	8,022	8,333
Bicol Region	1,914	1,686	1,622	1,438	1,410
Western Visayas	61,023	55,164	58,067	46,421	44,487
Central Visayas	64,794	54,209	72,917	65,818	65,293
Eastern Visayas	487	547	721	828	904
Zamboanga Peninsula	52,110	53,932	59,603	53,113	57,809
Northern Mindanao	33,543	33,581	33,685	33,251	35,869
Davao Region	33,940	33,518	38,081	36,595	37,048
SOCCSKSARGEN	53,586	43,362	51,152	47,516	53,655
Caraga	14,583	15,955	16,845	17,230	15,404
ARMM	14,462	14,414	14,846	12,094	14,752
Area (Ha)					
PHILIPPINES	**164,101**	**171,711**	**184,174**	**186,770**	**188,139**
CAR	688	760	780	790	792
Ilocos Region	21,386	21,683	22,196	22,099	20,824
Cagayan Valley	9,835	9,939	10,080	10,100	10,087
Central Luzon	31,426	32,936	33,427	33,320	33,563
CALABARZON	15,672	15,548	14,963	14,832	14,742
MIMAROPA	3,635	3,876	3,880	3,895	3,854
Bicol Region	1,701	1,700	2,056	2,056	2,787
Western Visayas	11,148	11,206	11,204	11,324	11,355
Central Visayas	12,448	12,448	12,451	12,489	12,561
Eastern Visayas	624	712	744	848	875
Zamboanga Peninsula	11,491	16,091	16,365	16,521	16,648
Northern Mindanao	8,305	8,657	8,656	8,657	9,598
Davao Region	8,973	9,038	18,115	18,137	17,973
SOCCSKSARGEN	11,960	12,348	14,340	16,747	16,736
Caraga	3,364	3,325	3,405	3,382	3,382
ARMM	11,445	11,444	11,513	11,573	12,362
Yield Per Hectare (mt)					
PHILIPPINES	**6.00**	**5.35**	**5.56**	**4.73**	**4.10**
CAR	5.54	4.55	4.82	4.69	4.72
Ilocos Region	20.61	19.49	20.05	17.31	14.12
Cagayan Valley	4.59	5.14	8.94	6.56	3.76
Central Luzon	3.02	2.61	2.52	2.05	1.74
CALABARZON	3.89	2.67	3.04	2.76	2.88
MIMAROPA	2.28	2.08	2.03	2.06	2.16
Bicol Region	1.13	0.99	0.79	0.70	0.51
Western Visayas	5.47	4.92	5.18	4.10	3.92
Central Visayas	5.21	4.35	5.86	5.27	5.20
Eastern Visayas	0.78	0.77	0.97	0.98	1.03
Zamboanga Peninsula	4.53	3.35	3.64	3.21	3.47
Northern Mindanao	4.04	3.88	3.89	3.84	3.74
Davao Region	3.78	3.71	2.10	2.02	2.06
SOCCSKSARGEN	4.48	3.51	3.57	2.84	3.21
Caraga	4.34	4.80	4.95	5.09	4.55
ARMM	1.26	1.26	1.29	1.04	1.19

Table 3.6a MANGO: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
BEARING TREES (no.)					
PHILIPPINES	**7,610,466**	**7,842,506**	**8,115,899**	**8,171,854**	**8,335,951**
CAR	29,217	30,665	32,909	33,999	34,411
Ilocos Region	789,408	796,079	837,948	836,441	785,163
Cagayan Valley	945,422	897,097	895,965	897,458	895,583
Central Luzon	1,426,164	1,483,087	1,478,808	1,498,353	1,521,989
CALABARZON	752,280	744,345	740,994	813,274	889,745
MIMAROPA	199,121	200,600	203,262	201,939	200,981
Bicol Region	60,472	59,220	59,515	61,375	63,479
Western Visayas	627,643	636,196	613,056	505,053	501,837
Central Visayas	545,103	560,943	562,343	564,818	571,174
Eastern Visayas	16,189	18,020	19,718	20,661	21,444
Zamboanga Peninsula	667,074	828,206	885,750	890,197	901,836
Northern Mindanao	403,305	406,654	417,229	417,838	419,788
Davao Region	293,773	308,832	321,063	331,054	331,069
SOCCSKSARGEN	682,862	698,157	749,013	783,589	872,132
Caraga	93,930	95,690	99,480	100,430	100,320
ARMM	78,503	78,715	198,846	215,376	225,001
BEARING TREES PER HECTARE					
PHILIPPINES	**46**	**46**	**44**	**44**	**44**
CAR	42	40	42	43	43
Ilocos Region	37	37	38	38	38
Cagayan Valley	96	90	89	89	89
Central Luzon	45	45	44	45	45
CALABARZON	48	48	50	55	60
MIMAROPA	55	52	52	52	52
Bicol Region	36	35	29	30	23
Western Visayas	56	57	55	45	44
Central Visayas	44	45	45	45	45
Eastern Visayas	26	25	27	24	25
Zamboanga Peninsula	58	51	54	54	54
Northern Mindanao	49	47	48	48	44
Davao Region	33	34	18	18	18
SOCCSKSARGEN	57	57	52	47	52
Caraga	28	29	29	30	30
ARMM	7	7	17	19	18
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**129.34**	**117.19**	**126.16**	**108.18**	**92.54**
CAR	130.38	112.80	114.31	108.97	108.62
Ilocos Region	558.48	530.77	531.12	457.38	374.44
Cagayan Valley	47.77	56.94	100.57	73.77	42.33
Central Luzon	66.45	57.94	56.89	45.59	38.41
CALABARZON	81.10	55.86	61.30	50.27	47.64
MIMAROPA	41.59	40.28	38.84	39.72	41.46
Bicol Region	31.65	28.47	27.26	23.43	22.20
Western Visayas	97.23	86.71	94.72	91.91	88.65
Central Visayas	118.87	96.64	129.67	116.53	114.31
Eastern Visayas	30.07	30.34	36.55	40.09	42.17
Zamboanga Peninsula	78.12	65.12	67.29	59.66	64.10
Northern Mindanao	83.17	82.58	80.73	79.58	85.45
Davao Region	115.53	108.53	118.61	110.54	111.90
SOCCSKSARGEN	78.47	62.11	68.29	60.64	61.52
Caraga	155.25	166.74	169.33	171.57	153.54
ARMM	184.22	183.12	74.66	56.15	65.56

Table 3.6.1 MANGO CARABAO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**797,203**	**738,660**	**828,412**	**712,409**	**621,279**
CAR	3,627	3,352	3,648	3,605	3,635
Ilocos Region	380,134	366,420	388,007	331,628	254,565
Cagayan Valley	30,902	35,619	63,933	46,719	28,592
Central Luzon	74,039	66,874	65,189	52,582	44,538
CALABARZON	38,798	21,488	24,454	22,677	24,657
MIMAROPA	5,500	4,873	4,786	4,884	5,121
Bicol Region	96	141	244	252	260
Western Visayas	58,320	52,130	54,750	43,095	41,085
Central Visayas	58,470	47,945	65,854	59,631	59,657
Eastern Visayas	188	228	335	403	457
Zamboanga Peninsula	37,363	36,625	41,145	36,761	40,633
Northern Mindanao	30,239	30,425	30,635	30,301	32,975
Davao Region	26,545	26,079	30,770	29,812	30,224
SOCCSKSARGEN	40,600	32,389	39,273	36,500	42,229
Caraga	9,923	10,750	11,386	11,804	10,309
ARMM	2,460	3,321	4,003	1,753	2,342
Area (Ha)					
PHILIPPINES	**123,428**	**129,475**	**141,627**	**144,293**	**145,926**
CAR	626	688	693	697	699
Ilocos Region	16,281	16,578	17,086	17,087	16,114
Cagayan Valley	6,214	6,321	6,433	6,450	6,463
Central Luzon	23,298	24,316	24,546	24,446	24,712
CALABARZON	10,753	10,705	10,472	10,478	10,478
MIMAROPA	1,769	1,991	1,996	2,013	2,019
Bicol Region	413	416	545	545	1,075
Western Visayas	10,197	10,219	10,186	10,195	10,243
Central Visayas	10,355	10,355	10,356	10,391	10,456
Eastern Visayas	363	447	476	559	585
Zamboanga Peninsula	9,000	12,649	12,863	13,006	13,091
Northern Mindanao	6,988	7,331	7,332	7,332	8,274
Davao Region	6,622	6,696	15,778	15,795	15,627
SOCCSKSARGEN	10,358	10,587	12,640	15,057	15,059
Caraga	2,352	2,310	2,345	2,352	2,352
ARMM	7,839	7,866	7,880	7,890	8,680
Yield Per Hectare (mt)					
PHILIPPINES	**6.46**	**5.71**	**5.85**	**4.94**	**4.26**
CAR	5.79	4.87	5.26	5.17	5.20
Ilocos Region	23.35	22.10	22.71	19.41	15.80
Cagayan Valley	4.97	5.63	9.94	7.24	4.42
Central Luzon	3.18	2.75	2.66	2.15	1.80
CALABARZON	3.61	2.01	2.34	2.16	2.35
MIMAROPA	3.11	2.45	2.40	2.43	2.54
Bicol Region	0.23	0.34	0.45	0.46	0.24
Western Visayas	5.72	5.10	5.38	4.23	4.01
Central Visayas	5.65	4.63	6.36	5.74	5.71
Eastern Visayas	0.52	0.51	0.70	0.72	0.78
Zamboanga Peninsula	4.15	2.90	3.20	2.83	3.10
Northern Mindanao	4.33	4.15	4.18	4.13	3.99
Davao Region	4.01	3.89	1.95	1.89	1.93
SOCCSKSARGEN	3.92	3.06	3.11	2.42	2.80
Caraga	4.22	4.65	4.86	5.02	4.38
ARMM	0.31	0.42	0.51	0.22	0.27

Table 3.6.1a MANGO CARABAO: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
BEARING TREES (no.)					
PHILIPPINES	**5,279,476**	**5,576,437**	**5,841,197**	**5,880,136**	**6,029,318**
CAR	26,034	27,169	29,081	29,844	30,153
Ilocos Region	530,416	540,688	578,132	581,486	540,823
Cagayan Valley	528,659	511,679	508,880	510,376	508,793
Central Luzon	956,946	1,011,931	1,010,321	1,016,797	1,029,051
CALABARZON	485,915	483,565	483,133	567,313	645,484
MIMAROPA	93,066	90,108	93,075	93,241	94,867
Bicol Region	7,573	6,234	6,276	7,276	9,291
Western Visayas	590,578	591,984	568,322	453,937	453,562
Central Visayas	459,378	467,378	467,778	469,900	475,755
Eastern Visayas	6,425	7,872	8,947	9,293	10,188
Zamboanga Peninsula	513,074	647,287	703,154	704,840	709,400
Northern Mindanao	346,843	349,963	360,561	360,637	362,527
Davao Region	211,604	225,693	235,472	244,480	242,754
SOCCSKSARGEN	464,056	553,604	604,310	645,701	731,640
Caraga	54,000	54,220	57,230	58,370	58,360
ARMM	4,909	7,062	126,525	126,645	126,670
BEARING TREES PER HECTARE					
PHILIPPINES	**43**	**43**	**41**	**41**	**41**
CAR	42	39	42	43	43
Ilocos Region	33	33	34	34	34
Cagayan Valley	85	81	79	79	79
Central Luzon	41	42	41	42	42
CALABARZON	45	45	46	54	62
MIMAROPA	53	45	47	46	47
Bicol Region	18	15	12	13	9
Western Visayas	58	58	56	45	44
Central Visayas	44	45	45	45	46
Eastern Visayas	18	18	19	17	17
Zamboanga Peninsula	57	51	55	54	54
Northern Mindanao	50	48	49	49	44
Davao Region	32	34	15	15	16
SOCCSKSARGEN	45	52	48	43	49
Caraga	23	23	24	25	25
ARMM	1	1	16	16	15
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**151.00**	**132.46**	**141.82**	**121.16**	**103.04**
CAR	139.32	123.37	125.43	120.79	120.55
Ilocos Region	716.67	677.69	671.14	570.31	470.70
Cagayan Valley	58.45	69.61	125.63	91.54	56.20
Central Luzon	77.37	66.09	64.52	51.71	43.28
CALABARZON	79.85	44.44	50.62	39.97	38.20
MIMAROPA	59.09	54.08	51.42	52.38	53.98
Bicol Region	12.68	22.67	38.84	34.60	27.97
Western Visayas	98.75	88.06	96.34	94.94	90.58
Central Visayas	127.28	102.58	140.78	126.90	125.40
Eastern Visayas	29.18	28.98	37.40	43.41	44.85
Zamboanga Peninsula	72.82	56.58	58.52	52.16	57.28
Northern Mindanao	87.18	86.94	84.96	84.02	90.96
Davao Region	125.45	115.55	130.67	121.94	124.50
SOCCSKSARGEN	87.49	58.51	64.99	56.53	57.72
Caraga	183.76	198.27	198.96	202.23	176.64
ARMM	501.15	470.27	31.64	13.84	18.49

Table 3.7 MANGOSTEEN: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**5,152**	**4,494**	**4,683**	**866**	**1,567**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	90	85	64	58	52
MIMAROPA	1	1	1	1	1
Bicol Region					
Western Visayas				248	220
Central Visayas	9	9	8	6	9
Eastern Visayas					
Zamboanga Peninsula	194	103	113	28	154
Northern Mindanao	159	151	153	119	134
Davao Region	477	267	410	369	406
SOCCSKSARGEN	335	55	558	4	21
Caraga	36	39	34	12	12
ARMM	3,851	3,783	3,341	21	558
Area (Ha)					
PHILIPPINES	**1,713**	**1,813**	**1,991**	**2,214**	**2,263**
CAR					
Ilocos Region					1
Cagayan Valley					5
Central Luzon					
CALABARZON	11	11	9	9	10
MIMAROPA	6	6	6	6	5
Bicol Region					-
Western Visayas	15			171	171
Central Visayas	21	20	20	20	22
Eastern Visayas					-
Zamboanga Peninsula	173	290	395	397	417
Northern Mindanao	53	53	53	52	54
Davao Region	269	272	338	344	356
SOCCSKSARGEN	205	206	215	230	233
Caraga	29	28	29	29	33
ARMM	931	927	926	956	956
Yield Per Hectare (mt)					
PHILIPPINES	**3.01**	**2.48**	**2.35**	**0.39**	**0.69**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	8.18	7.73	7.08	6.43	5.24
MIMAROPA	0.20	0.19	0.20	0.18	0.24
Bicol Region					
Western Visayas				1.45	1.28
Central Visayas	0.42	0.46	0.42	0.29	0.39
Eastern Visayas					
Zamboanga Peninsula	1.12	0.35	0.29	0.07	0.37
Northern Mindanao	2.99	2.85	2.92	2.32	2.47
Davao Region	1.77	0.98	1.21	1.07	1.14
SOCCSKSARGEN	1.63	0.27	2.60	0.02	0.09
Caraga	1.24	1.39	1.18	0.41	0.36
ARMM	4.14	4.08	3.61	0.02	0.58

Table 3.7a MANGOSTEEN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
BEARING TREES (no.)					
PHILIPPINES	**188,684**	**189,740**	**192,355**	**206,884**	**209,254**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	1,500	1,500	1,440	1,440	1,443
MIMAROPA	460	500	500	504	509
Bicol Region					
Western Visayas				13,725	13,725
Central Visayas	2,920	2,920	2,925	2,920	2,942
Eastern Visayas					
Zamboanga Peninsula	8,629	9,483	11,119	11,122	11,595
Northern Mindanao	3,786	3,786	3,796	3,657	3,696
Davao Region	15,584	15,642	16,745	17,682	18,232
SOCCSKSARGEN	17,450	17,800	17,810	17,812	18,880
Caraga	2,430	2,280	2,250	2,252	2,252
ARMM	135,925	135,829	135,770	135,770	135,980
BEARING TREES PER HECTARE					
PHILIPPINES	**110**	**105**	**97**	**93**	**92**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	136	136	160	160	144
MIMAROPA	77	83	83	81	113
Bicol Region					
Western Visayas				80	80
Central Visayas	139	146	146	146	134
Eastern Visayas					
Zamboanga Peninsula	50	33	28	28	28
Northern Mindanao	71	71	72	71	68
Davao Region	58	58	50	51	51
SOCCSKSARGEN	85	86	83	77	81
Caraga	84	81	78	79	69
ARMM	146	147	147	142	142
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**27.30**	**23.68**	**24.34**	**4.18**	**7.49**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	60.00	56.67	44.27	40.17	36.34
MIMAROPA	2.63	2.26	2.38	2.20	2.10
Bicol Region					
Western Visayas				18.07	16.03
Central Visayas	3.05	3.16	2.86	2.02	2.90
Eastern Visayas					
Zamboanga Peninsula	22.47	10.83	10.18	2.54	13.25
Northern Mindanao	41.87	39.84	40.33	32.64	36.27
Davao Region	30.61	17.08	24.47	20.84	22.25
SOCCSKSARGEN	19.17	3.10	31.33	0.20	1.13
Caraga	14.81	17.07	15.27	5.17	5.25
ARMM	28.34	27.85	24.61	0.15	4.11

Table 3.8 ORANGE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**5,794**	**5,234**	**5,148**	**4,870**	**4,663**
CAR	1,091	1,056	1,030	1,013	991
Ilocos Region	55	54	53	50	41
Cagayan Valley	737	769	976	960	940
Central Luzon	104	100	101	79	47
CALABARZON	517	255	123	38	75
MIMAROPA	59	31	14	11	10
Bicol Region	978	927	985	989	948
Western Visayas	48	47	46	46	47
Central Visayas	50	36	30	12	11
Eastern Visayas	93	99	101	109	113
Zamboanga Peninsula	114	72	61	60	52
Northern Mindanao	149	147	146	136	136
Davao Region	1,374	1,345	1,197	1,089	1,028
SOCCSKSARGEN	102	86	86	89	92
Caraga	217	136	130	124	105
ARMM	104	74	69	66	28
Area (Ha)					
PHILIPPINES	**2,167**	**1,936**	**1,817**	**1,677**	**1,657**
CAR	191	191	178	179	179
Ilocos Region	27	27	27	24	20
Cagayan Valley	350	350	354	354	359
Central Luzon	28	26	16	10	9
CALABARZON	359	218	125	13	12
MIMAROPA	18	8	4	4	3
Bicol Region	482	482	484	484	472
Western Visayas	31	31	31	30	30
Central Visayas	47	28	26	16	16
Eastern Visayas	47	47	48	50	51
Zamboanga Peninsula	43	41	40	39	38
Northern Mindanao	70	62	62	60	60
Davao Region	252	251	249	246	240
SOCCSKSARGEN	28	22	21	20	21
Caraga	113	75	75	72	71
ARMM	80	77	77	77	76
Yield Per Hectare (mt)					
PHILIPPINES	**2.67**	**2.70**	**2.83**	**2.90**	**2.81**
CAR	5.71	5.53	5.79	5.66	5.53
Ilocos Region	2.04	1.99	1.95	2.11	2.04
Cagayan Valley	2.11	2.20	2.76	2.71	2.62
Central Luzon	3.73	3.84	6.31	7.87	5.20
CALABARZON	1.44	1.17	0.98	2.96	6.25
MIMAROPA	3.29	3.88	3.51	3.26	3.17
Bicol Region	2.03	1.92	2.03	2.04	2.01
Western Visayas	1.54	1.53	1.50	1.54	1.58
Central Visayas	1.05	1.29	1.15	0.76	0.69
Eastern Visayas	1.99	2.10	2.10	2.17	2.22
Zamboanga Peninsula	2.65	1.77	1.53	1.53	1.37
Northern Mindanao	2.12	2.37	2.36	2.26	2.26
Davao Region	5.45	5.36	4.81	4.43	4.28
SOCCSKSARGEN	3.65	3.91	4.12	4.43	4.39
Caraga	1.92	1.82	1.73	1.73	1.48
ARMM	1.30	0.96	0.90	0.86	0.36

Table 3.8a ORANGE: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
BEARING TREES (no.)					
PHILIPPINES	**277,885**	**250,562**	**229,281**	**204,306**	**202,059**
CAR	26,950	27,056	27,721	27,831	27,831
Ilocos Region	4,662	4,679	3,743	3,442	2,907
Cagayan Valley	44,790	60,815	61,595	61,585	61,580
Central Luzon	3,836	2,960	2,960	1,800	1,640
CALABARZON	69,275	39,910	19,725	910	870
MIMAROPA	2,844	1,450	860	760	480
Bicol Region	33,584	33,551	33,510	33,500	33,504
Western Visayas	4,098	4,030	4,000	3,890	3,428
Central Visayas	7,850	4,540	4,450	3,000	3,000
Eastern Visayas	5,240	5,308	5,365	5,425	5,720
Zamboanga Peninsula	4,896	4,600	4,458	4,488	4,346
Northern Mindanao	9,160	8,010	7,995	7,726	7,726
Davao Region	31,246	31,114	30,880	28,930	28,311
SOCCSKSARGEN	3,899	2,939	2,409	2,239	2,286
Caraga	15,425	9,550	9,550	8,700	8,450
ARMM	10,130	10,050	10,060	10,080	9,980
BEARING TREES PER HECTARE					
PHILIPPINES	**128**	**129**	**126**	**122**	**122**
CAR	141	142	156	155	155
Ilocos Region	173	173	139	146	145
Cagayan Valley	128	174	174	174	172
Central Luzon	137	114	185	180	182
CALABARZON	193	183	158	70	73
MIMAROPA	158	181	215	217	160
Bicol Region	70	70	69	69	71
Western Visayas	132	130	129	130	114
Central Visayas	167	162	171	188	188
Eastern Visayas	111	113	112	109	112
Zamboanga Peninsula	114	112	111	115	114
Northern Mindanao	130	129	129	129	129
Davao Region	124	124	124	118	118
SOCCSKSARGEN	139	134	115	112	109
Caraga	137	127	127	121	119
ARMM	127	131	131	131	131
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**20.85**	**20.89**	**22.45**	**23.83**	**23.08**
CAR	40.49	39.05	37.16	36.39	35.59
Ilocos Region	11.79	11.48	14.05	14.41	14.04
Cagayan Valley	16.45	12.64	15.85	15.58	15.27
Central Luzon	27.23	33.76	34.10	43.71	28.56
CALABARZON	7.47	6.38	6.22	42.25	86.23
MIMAROPA	20.82	21.41	16.34	15.00	19.83
Bicol Region	29.12	27.62	29.39	29.52	28.28
Western Visayas	11.66	11.75	11.59	11.87	13.82
Central Visayas	6.31	7.95	6.74	4.08	3.69
Eastern Visayas	17.83	18.58	18.77	20.04	19.81
Zamboanga Peninsula	23.32	15.75	13.70	13.29	11.96
Northern Mindanao	16.30	18.36	18.28	17.56	17.59
Davao Region	43.96	43.23	38.77	37.64	36.30
SOCCSKSARGEN	26.18	29.30	35.90	39.61	40.29
Caraga	14.10	14.28	13.56	14.29	12.41
ARMM	10.27	7.36	6.85	6.54	2.77

Table 3.9 PAPAYA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**146,628**	**157,120**	**164,234**	**182,907**	**176,656**
CAR	1,680	1,642	1,655	1,667	1,675
Ilocos Region	3,870	4,120	4,122	3,982	3,561
Cagayan Valley	2,305	2,749	3,043	2,996	2,887
Central Luzon	2,828	3,241	3,391	3,977	3,852
CALABARZON	19,067	14,573	10,528	10,356	9,677
MIMAROPA	3,878	3,121	3,263	3,544	3,751
Bicol Region	8,842	8,547	8,244	9,305	9,574
Western Visayas	7,164	7,343	7,117	6,435	6,483
Central Visayas	8,296	7,540	7,422	7,425	7,741
Eastern Visayas	2,707	2,723	2,851	2,957	3,038
Zamboanga Peninsula	6,078	6,059	5,854	5,878	5,793
Northern Mindanao	29,061	32,496	35,629	39,045	36,480
Davao Region	14,251	13,496	18,421	21,408	17,261
SOCCSKSARGEN	31,464	44,274	47,462	58,730	59,945
Caraga	1,965	2,096	2,125	2,102	1,879
ARMM	3,173	3,101	3,104	3,101	3,060
Area (Ha)					
PHILIPPINES	**9,459**	**9,280**	**9,125**	**9,175**	**8,904**
CAR	263	225	223	217	217
Ilocos Region	335	334	341	320	316
Cagayan Valley	447	447	440	443	433
Central Luzon	548	617	639	659	671
CALABARZON	1,119	1,073	718	711	691
MIMAROPA	350	334	347	351	354
Bicol Region	588	557	584	588	581
Western Visayas	802	823	826	808	725
Central Visayas	495	471	404	390	382
Eastern Visayas	448	455	459	470	477
Zamboanga Peninsula	615	617	615	619	607
Northern Mindanao	872	929	940	1,022	958
Davao Region	700	590	766	759	731
SOCCSKSARGEN	1,453	1,384	1,399	1,365	1,332
Caraga	262	274	273	296	270
ARMM	162	150	152	158	159
Yield Per Hectare (mt)					
PHILIPPINES	**15.50**	**16.93**	**18.00**	**19.93**	**19.84**
CAR	6.39	7.30	7.42	7.67	7.72
Ilocos Region	11.54	12.32	12.11	12.42	11.27
Cagayan Valley	5.16	6.15	6.91	6.76	6.67
Central Luzon	5.16	5.25	5.31	6.04	5.74
CALABARZON	17.04	13.58	14.66	14.57	14.00
MIMAROPA	11.08	9.33	9.40	10.11	10.60
Bicol Region	15.04	15.34	14.12	15.82	16.48
Western Visayas	8.93	8.92	8.62	7.96	8.94
Central Visayas	16.76	16.01	18.37	19.04	20.26
Eastern Visayas	6.04	5.99	6.21	6.30	6.37
Zamboanga Peninsula	9.89	9.81	9.53	9.50	9.54
Northern Mindanao	33.33	34.98	37.91	38.20	38.06
Davao Region	20.36	22.87	24.05	28.22	23.61
SOCCSKSARGEN	21.65	32.00	33.94	43.03	45.00
Caraga	7.50	7.65	7.78	7.10	6.96
ARMM	19.59	20.67	20.37	19.64	19.24

Table 3.9a PAPAYA: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
BEARING TREES (no.)					
PHILIPPINES	**5,650,747**	**5,701,587**	**5,599,575**	**5,670,826**	**5,528,962**
CAR	93,830	94,970	91,831	91,289	91,190
Ilocos Region	187,033	191,331	190,241	183,524	171,781
Cagayan Valley	275,063	260,190	249,688	248,076	239,072
Central Luzon	230,585	274,600	298,070	307,238	320,691
CALABARZON	701,278	670,945	425,952	420,584	404,115
MIMAROPA	152,722	143,391	152,821	154,436	156,526
Bicol Region	343,688	325,287	307,835	309,043	312,866
Western Visayas	390,354	380,477	370,853	368,675	337,319
Central Visayas	231,910	215,699	179,225	169,298	166,554
Eastern Visayas	150,352	161,677	162,545	167,043	168,690
Zamboanga Peninsula	303,867	304,498	303,363	303,780	295,728
Northern Mindanao	716,524	771,512	755,668	836,263	783,517
Davao Region	442,868	419,539	591,658	590,163	562,125
SOCCSKSARGEN	1,200,265	1,257,761	1,291,865	1,283,146	1,283,890
Caraga	141,625	142,880	142,955	152,328	143,648
ARMM	88,783	86,830	85,005	85,940	91,250
BEARING TREES PER HECTARE					
PHILIPPINES	**597**	**614**	**614**	**618**	**621**
CAR	357	422	412	420	420
Ilocos Region	558	572	559	573	544
Cagayan Valley	615	582	567	560	552
Central Luzon	421	445	466	466	478
CALABARZON	627	625	593	592	585
MIMAROPA	436	429	440	440	442
Bicol Region	585	584	527	526	538
Western Visayas	487	462	449	456	465
Central Visayas	469	458	444	434	436
Eastern Visayas	336	356	354	356	354
Zamboanga Peninsula	494	493	494	491	487
Northern Mindanao	822	830	804	818	818
Davao Region	633	711	772	778	769
SOCCSKSARGEN	826	909	924	940	964
Caraga	541	521	524	515	532
ARMM	548	579	558	544	574
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**25.95**	**27.56**	**29.33**	**32.25**	**31.95**
CAR	17.91	17.29	18.02	18.26	18.37
Ilocos Region	20.69	21.53	21.67	21.69	20.73
Cagayan Valley	8.38	10.57	12.19	12.08	12.07
Central Luzon	12.26	11.80	11.38	12.95	12.01
CALABARZON	27.19	21.72	24.72	24.62	23.94
MIMAROPA	25.39	21.77	21.35	22.95	23.96
Bicol Region	25.73	26.27	26.78	30.11	30.60
Western Visayas	18.35	19.30	19.19	17.45	19.22
Central Visayas	35.77	34.95	41.41	43.86	46.48
Eastern Visayas	18.00	16.84	17.54	17.70	18.01
Zamboanga Peninsula	20.00	19.90	19.30	19.35	19.59
Northern Mindanao	40.56	42.12	47.15	46.69	46.56
Davao Region	32.18	32.17	31.13	36.27	30.71
SOCCSKSARGEN	26.21	35.20	36.74	45.77	46.69
Caraga	13.88	14.67	14.86	13.80	13.08
ARMM	35.74	35.72	36.52	36.08	33.53

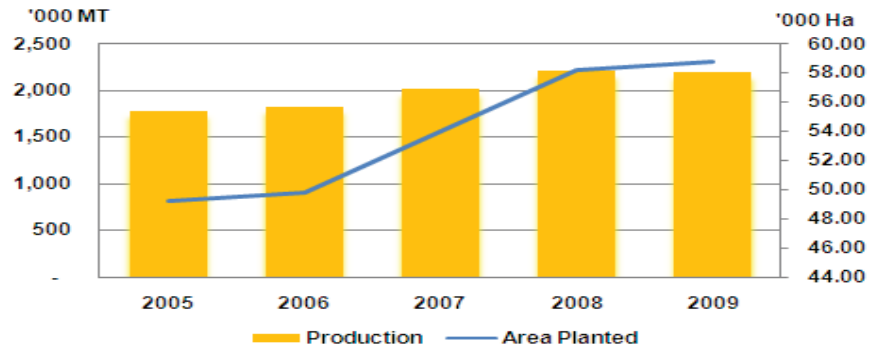
HIGHLIGHTS

PINEAPPLE

From 2005 to 2009, the average annual increment of pineapple production and area planted was 5 percent.

In 2009, pineapple production was 2,198 thousand mt, about 0.5 percent less than the 2,209 thousand mt output in 2008 (Figure 1). The reduction was due to shifting to banana in SOCCSKSARGEN; high cost of production in Bicol; smaller fruit sizes in Caraga, Zambonga Peninsula; and less area harvested in Central Visayas.

Figure 1. Pineapple: Volume of production and area planted, Philippines, 2005-2009



The top pineapple producer was Northern Mindanao which contributed 47 percent to the country's pineapple production (Figure 2). The region's production in 2009 was 1,027 thousand mt, 2 percent higher than its production of 1,007 thousand mt in 2008. Corporate farms recorded a 10 percent increase in area from 18,994 hectares in 2008 to 20,847 hectares in 20(

Production in SOCCSKSARGEN, the second largest pineapple producer, recorded a 4 percent decline as a result of shifting to banana. Its production was 880 thousand mt in 2009 while its 2008 production was 913 thousand mt.

Figure 2. Pineapple: Top producing regions, Philippines, 2009

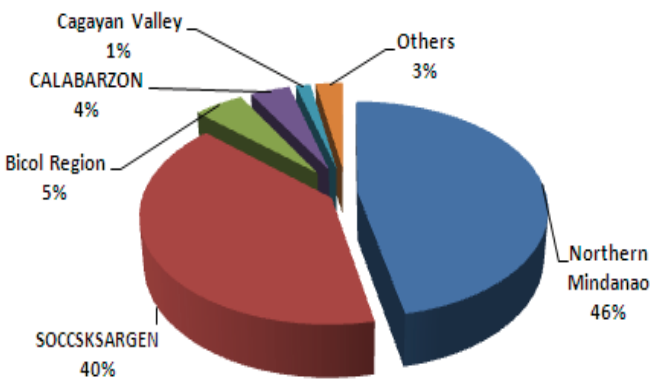


Table 3.10 PINEAPPLE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**1,788,218**	**1,833,908**	**2,016,462**	**2,209,336**	**2,198,497**
CAR	701	709	688	711	716
Ilocos Region	215	219	202	206	195
Cagayan Valley	21,060	23,983	28,630	30,815	32,574
Central Luzon	1,058	1,248	1,292	1,363	1,406
CALABARZON	80,871	82,459	84,049	86,168	88,375
MIMAROPA	188	188	188	223	233
Bicol Region	104,995	112,210	116,816	111,530	109,967
Western Visayas	14,497	15,042	14,776	15,184	15,424
Central Visayas	3,072	3,978	4,535	4,887	4,867
Eastern Visayas	6,284	6,411	6,850	7,397	7,476
Zamboanga Peninsula	2,593	2,380	2,337	2,436	2,289
Northern Mindanao	891,581	911,160	924,505	1,007,022	1,026,905
Davao Region	19,114	19,411	22,452	22,303	22,440
SOCCSKSARGEN	636,450	649,301	803,761	913,280	879,836
Caraga	4,330	4,167	4,345	4,738	4,684
ARMM	1,209	1,040	1,037	1,072	1,109
Area (Ha)					
PHILIPPINES	**49,215**	**49,813**	**53,978**	**58,251**	**58,823**
CAR	136	124	122	115	117
Ilocos Region	41	41	40	38	31
Cagayan Valley	1,298	1,328	1,366	1,394	1,424
Central Luzon	111	124	128	136	143
CALABARZON	4,535	4,519	4,376	4,368	4,034
MIMAROPA	44	43	49	52	58
Bicol Region	3,837	3,847	3,323	3,115	3,109
Western Visayas	707	722	727	730	733
Central Visayas	443	451	443	443	452
Eastern Visayas	514	520	523	551	557
Zamboanga Peninsula	515	455	438	422	399
Northern Mindanao	18,464	18,734	18,924	18,994	20,847
Davao Region	2,183	2,071	2,074	2,064	2,060
SOCCSKSARGEN	15,763	16,232	20,826	25,202	24,218
Caraga	539	530	543	545	527
ARMM	86	71	76	81	115
Yield Per Hectare (mt)					
PHILIPPINES	**36.33**	**36.82**	**37.36**	**37.93**	**37.37**
CAR	5.16	5.72	5.64	6.18	6.12
Ilocos Region	5.23	5.32	5.05	5.42	6.30
Cagayan Valley	16.23	18.06	20.96	22.11	22.88
Central Luzon	9.53	10.07	10.09	10.02	9.83
CALABARZON	17.83	18.25	19.21	19.73	21.91
MIMAROPA	4.24	4.36	3.84	4.28	4.02
Bicol Region	27.36	29.17	35.15	35.80	35.37
Western Visayas	20.52	20.83	20.32	20.80	21.04
Central Visayas	6.93	8.82	10.24	11.03	10.76
Eastern Visayas	12.23	12.33	13.10	13.42	13.43
Zamboanga Peninsula	5.04	5.23	5.34	5.77	5.74
Northern Mindanao	48.29	48.64	48.85	53.02	49.26
Davao Region	8.76	9.37	10.83	10.81	10.90
SOCCSKSARGEN	40.38	40.00	38.59	36.24	36.33
Caraga	8.03	7.86	8.00	8.69	8.89
ARMM	14.14	14.65	13.64	13.24	9.64

Table 3.11 RAMBUTAN: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**15,466**	**13,405**	**14,915**	**8,553**	**9,435**
CAR	26	30	37	40	41
Ilocos Region	31	53	60	65	62
Cagayan Valley	115	250	323	376	384
Central Luzon	9	12	15	20	23
CALABARZON	7,517	7,495	6,221	4,419	4,168
MIMAROPA	389	364	354	338	335
Bicol Region	10	18	17	18	19
Western Visayas	127	129	166	99	154
Central Visayas	4	4	5	6	58
Eastern Visayas	8	10	14	14	16
Zamboanga Peninsula	332	309	339	194	347
Northern Mindanao	297	331	373	206	317
Davao Region	1,952	1,598	2,248	1,223	1,429
SOCCSKSARGEN	4,527	2,689	4,639	1,431	1,976
Caraga	97	96	83	87	88
ARMM	27	18	21	16	19
Area (Ha)					
PHILIPPINES	**5,299**	**5,444**	**5,631**	**5,669**	**5,672**
CAR	15	31	31	31	31
Ilocos Region	26	28	30	32	33
Cagayan Valley	26	51	62	62	65
Central Luzon	4	5	6	6	6
CALABARZON	1,610	1,615	1,616	1,616	1,617
MIMAROPA	718	718	718	704	673
Bicol Region	16	16	16	16	17
Western Visayas	72	73	79	97	72
Central Visayas	13	13	15	16	33
Eastern Visayas	8	8	11	16	17
Zamboanga Peninsula	116	207	323	340	366
Northern Mindanao	178	184	185	185	186
Davao Region	682	689	723	724	730
SOCCSKSARGEN	1,338	1,338	1,346	1,352	1,352
Caraga	446	441	443	445	449
ARMM	31	27	27	27	27
Yield Per Hectare (mt)					
PHILIPPINES	**2.92**	**2.46**	**2.65**	**1.51**	**1.66**
CAR	1.71	0.95	1.20	1.29	1.31
Ilocos Region	1.19	1.93	1.99	2.02	1.87
Cagayan Valley	4.42	4.90	5.22	6.07	5.90
Central Luzon	2.25	2.36	2.42	3.33	3.83
CALABARZON	4.67	4.64	3.85	2.73	2.58
MIMAROPA	0.54	0.51	0.49	0.48	0.50
Bicol Region	0.60	1.14	1.08	1.12	1.15
Western Visayas	1.77	1.76	2.10	1.02	2.14
Central Visayas	0.29	0.32	0.32	0.37	1.79
Eastern Visayas	0.96	1.31	1.26	0.89	0.94
Zamboanga Peninsula	2.87	1.49	1.05	0.57	0.95
Northern Mindanao	1.67	1.80	2.02	1.12	1.71
Davao Region	2.86	2.32	3.11	1.69	1.96
SOCCSKSARGEN	3.38	2.01	3.45	1.06	1.46
Caraga	0.22	0.22	0.19	0.20	0.20
ARMM	0.86	0.65	0.76	0.58	0.70

Table 3.11a RAMBUTAN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
BEARING TREES (no.)					
PHILIPPINES	**445,931**	**457,127**	**407,939**	**411,808**	**416,805**
CAR	800	878	1,078	1,100	1,120
Ilocos Region	1,207	1,462	1,522	1,664	1,693
Cagayan Valley	3,388	3,350	3,585	3,550	3,550
Central Luzon	300	516	600	800	800
CALABARZON	215,805	221,333	166,710	169,640	169,640
MIMAROPA	23,330	23,330	23,965	23,463	23,170
Bicol Region	1,250	1,251	1,252	1,252	1,284
Western Visayas	5,510	5,488	5,660	5,660	5,568
Central Visayas	1,520	1,450	1,450	1,630	2,681
Eastern Visayas	505	550	890	950	1,013
Zamboanga Peninsula	6,528	8,050	9,650	10,432	11,800
Northern Mindanao	15,762	17,540	17,791	17,560	17,852
Davao Region	48,680	49,299	50,095	50,271	51,741
SOCCSKSARGEN	108,650	109,900	110,623	110,623	111,300
Caraga	9,310	9,320	9,540	9,540	9,865
ARMM	3,385	3,410	3,528	3,673	3,678
BEARING TREES PER HECTARE					
PHILIPPINES	**84**	**84**	**72**	**73**	**73**
CAR	53	28	35	35	36
Ilocos Region	46	53	51	52	51
Cagayan Valley	130	66	58	57	55
Central Luzon	75	103	100	133	133
CALABARZON	134	137	103	105	105
MIMAROPA	32	32	33	33	34
Bicol Region	78	78	78	78	78
Western Visayas	77	75	72	58	77
Central Visayas	117	112	97	102	82
Eastern Visayas	63	69	81	59	60
Zamboanga Peninsula	56	39	30	31	32
Northern Mindanao	89	95	96	95	96
Davao Region	71	72	69	69	71
SOCCSKSARGEN	81	82	82	82	82
Caraga	21	21	22	21	22
ARMM	109	126	131	136	136
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**34.68**	**29.32**	**36.56**	**20.77**	**22.64**
CAR	32.13	33.71	34.55	36.27	36.37
Ilocos Region	25.68	36.34	39.17	38.89	36.46
Cagayan Valley	33.96	74.57	90.20	105.94	108.10
Central Luzon	30.00	22.87	24.17	25.00	28.75
CALABARZON	34.83	33.86	37.32	26.05	24.56
MIMAROPA	16.66	15.61	14.79	14.42	14.46
Bicol Region	7.70	14.55	13.84	14.33	14.84
Western Visayas	23.07	23.46	29.33	17.53	27.66
Central Visayas	2.51	2.91	3.34	3.63	21.80
Eastern Visayas	15.15	19.07	15.61	14.93	15.82
Zamboanga Peninsula	50.87	38.35	35.15	18.58	29.40
Northern Mindanao	18.85	18.86	20.94	11.74	17.77
Davao Region	40.10	32.42	44.87	24.33	27.62
SOCCSKSARGEN	41.66	24.47	41.94	12.93	17.75
Caraga	10.39	10.30	8.72	9.11	8.90
ARMM	7.86	5.13	5.81	4.24	5.17

Table 3.12 TAMARIND FRUIT: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**13,562**	**12,491**	**11,804**	**11,052**	**10,063**
CAR			12	13	13
Ilocos Region	2,700	2,722	2,635	2,568	2,489
Cagayan Valley	4,648	4,105	3,796	3,555	2,984
Central Luzon	2,216	2,200	2,148	1,857	1,730
CALABARZON	332	261	161	156	152
MIMAROPA	214	205	190	191	193
Bicol Region	166	155	148	157	163
Western Visayas	77	81	92	93	87
Central Visayas	1,052	768	624	484	351
Eastern Visayas	44	44	48	49	50
Zamboanga Peninsula	331	305	295	269	245
Northern Mindanao	80	62	62	58	47
Davao Region	1,402	1,312	1,332	1,329	1,285
SOCCSKSARGEN	272	245	241	252	261
Caraga	12	13	13	13	12
ARMM	15	10	9	9	1
Area (Ha)					
PHILIPPINES	**2,738**	**2,736**	**2,690**	**2,681**	**2,641**
CAR			10	10	10
Ilocos Region	1,216	1,215	1,169	1,167	1,150
Cagayan Valley	358	358	355	355	355
Central Luzon	178	189	190	188	183
CALABARZON	107	106	101	101	100
MIMAROPA	100	101	99	97	93
Bicol Region	88	85	85	82	82
Western Visayas	132	132	135	134	133
Central Visayas	236	231	226	224	215
Eastern Visayas	24	24	27	29	30
Zamboanga Peninsula	102	98	97	98	98
Northern Mindanao	10	10	9	9	7
Davao Region	135	134	134	133	130
SOCCSKSARGEN	41	42	42	43	43
Caraga	6	6	6	6	6
ARMM	5	5	5	5	5
Yield Per Hectare (mt)					
PHILIPPINES	**4.95**	**4.57**	**4.39**	**4.12**	**3.81**
CAR			1.24	1.27	1.29
Ilocos Region	2.22	2.24	2.25	2.20	2.16
Cagayan Valley	12.98	11.47	10.69	10.02	8.41
Central Luzon	12.45	11.64	11.31	9.88	9.45
CALABARZON	3.10	2.46	1.59	1.54	1.52
MIMAROPA	2.13	2.03	1.91	1.97	2.07
Bicol Region	1.89	1.83	1.74	1.92	1.99
Western Visayas	0.59	0.61	0.68	0.69	0.65
Central Visayas	4.46	3.32	2.76	2.16	1.63
Eastern Visayas	1.85	1.83	1.78	1.69	1.64
Zamboanga Peninsula	3.25	3.12	3.04	2.75	2.50
Northern Mindanao	8.18	6.24	7.26	6.76	6.69
Davao Region	10.38	9.79	9.94	9.97	9.86
SOCCSKSARGEN	6.64	5.83	5.74	5.87	6.07
Caraga	2.06	2.15	2.09	2.13	2.27
ARMM	2.99	2.08	1.74	1.76	0.20

Table 3.12a TAMARIND FRUIT: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
BEARING TREES (no.)					
PHILIPPINES	**155,805**	**153,821**	**154,331**	**151,398**	**148,700**
CAR			1,350	1,382	1,391
Ilocos Region	64,148	64,161	63,998	61,428	60,461
Cagayan Valley	26,680	26,205	26,205	26,178	26,173
Central Luzon	10,340	10,715	10,365	10,210	9,260
CALABARZON	6,688	6,560	6,070	6,117	6,062
MIMAROPA	4,661	4,667	4,560	4,610	4,552
Bicol Region	4,340	4,346	4,276	4,280	4,290
Western Visayas	9,751	9,427	9,544	9,439	9,218
Central Visayas	9,484	7,454	7,514	7,454	7,174
Eastern Visayas	1,149	1,157	1,387	1,412	1,443
Zamboanga Peninsula	5,846	6,315	6,406	6,326	6,330
Northern Mindanao	722	817	762	707	638
Davao Region	9,236	9,172	8,884	8,820	8,636
SOCCSKSARGEN	2,100	2,170	2,325	2,360	2,403
Caraga	380	385	415	405	405
ARMM	280	270	270	270	264
BEARING TREES PER HECTARE					
PHILIPPINES	**57**	**56**	**57**	**56**	**56**
CAR			135	138	139
Ilocos Region	53	53	55	53	53
Cagayan Valley	75	73	74	74	74
Central Luzon	58	57	55	54	51
CALABARZON	63	62	60	61	61
MIMAROPA	47	46	46	48	49
Bicol Region	49	51	50	52	52
Western Visayas	74	71	71	70	69
Central Visayas	40	32	33	33	33
Eastern Visayas	48	48	51	48	47
Zamboanga Peninsula	57	64	66	65	65
Northern Mindanao	74	82	90	83	91
Davao Region	68	68	66	66	66
SOCCSKSARGEN	51	52	55	55	56
Caraga	63	64	69	68	74
ARMM	56	54	54	54	53
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**87.04**	**81.20**	**76.49**	**73.00**	**67.67**
CAR			9.15	9.17	9.29
Ilocos Region	42.09	42.43	41.17	41.80	41.16
Cagayan Valley	174.22	156.64	144.86	135.82	114.02
Central Luzon	214.29	205.35	207.23	181.84	186.83
CALABARZON	49.68	39.77	26.53	25.45	25.04
MIMAROPA	45.81	44.02	41.56	41.54	42.32
Bicol Region	38.25	35.75	34.52	36.76	38.08
Western Visayas	7.93	8.55	9.62	9.81	9.44
Central Visayas	110.94	103.03	83.00	64.94	48.89
Eastern Visayas	38.15	37.98	34.84	34.98	34.46
Zamboanga Peninsula	56.69	48.37	46.01	42.59	38.72
Northern Mindanao	110.58	76.36	81.06	81.33	73.39
Davao Region	151.76	143.09	149.95	150.63	148.75
SOCCSKSARGEN	129.71	112.87	103.65	106.89	108.66
Caraga	32.71	34.81	30.24	31.58	30.81
ARMM	53.32	38.44	32.22	32.59	3.79

Table 3.13 WATERMELON: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**115,075**	**117,254**	**125,863**	**103,248**	**97,106**
CAR	402	366	372	373	377
Ilocos Region	39,357	35,759	32,536	27,504	23,846
Cagayan Valley	2,277	6,213	12,706	13,499	10,419
Central Luzon	10,588	10,577	12,109	7,171	6,259
CALABARZON	3,615	3,146	3,672	3,142	2,693
MIMAROPA	2,153	2,009	2,028	2,101	2,119
Bicol Region	7,256	7,455	8,002	4,053	3,682
Western Visayas	40,632	42,781	44,663	36,098	38,380
Central Visayas	776	982	1,050	1,398	1,367
Eastern Visayas	650	643	676	681	674
Zamboanga Peninsula	1,133	1,149	1,152	889	838
Northern Mindanao	996	1,015	1,158	1,011	1,030
Davao Region	758	764	995	1,037	1,063
SOCCSKSARGEN	1,628	1,529	1,671	1,352	1,341
Caraga	2,695	2,710	2,919	2,814	2,902
ARMM	159	156	152	127	115
Area (Ha)					
PHILIPPINES	**6,545**	**6,910**	**7,234**	**6,246**	**6,237**
CAR	26	20	20	20	20
Ilocos Region	1,268	1,257	1,166	1,033	944
Cagayan Valley	249	459	670	701	652
Central Luzon	1,183	1,368	1,466	1,040	1,014
CALABARZON	214	207	220	224	242
MIMAROPA	190	176	183	193	195
Bicol Region	383	347	393	158	163
Western Visayas	1,843	1,877	1,835	1,646	1,741
Central Visayas	36	38	45	52	53
Eastern Visayas	96	93	100	104	110
Zamboanga Peninsula	178	170	153	143	121
Northern Mindanao	203	207	226	221	224
Davao Region	90	93	132	129	157
SOCCSKSARGEN	176	176	194	163	170
Caraga	351	369	366	352	368
ARMM	61	54	66	68	64
Yield Per Hectare (mt)					
PHILIPPINES	**17.58**	**16.97**	**17.40**	**16.53**	**15.57**
CAR	15.47	18.31	18.61	18.64	18.84
Ilocos Region	31.04	28.45	27.89	26.63	25.27
Cagayan Valley	9.14	13.54	18.96	19.26	15.98
Central Luzon	8.95	7.73	8.26	6.90	6.17
CALABARZON	16.89	15.20	16.69	14.03	11.13
MIMAROPA	11.33	11.42	11.07	10.91	10.86
Bicol Region	18.95	21.52	20.36	25.60	22.59
Western Visayas	22.05	22.79	24.34	21.93	22.05
Central Visayas	21.81	25.71	23.55	26.75	25.73
Eastern Visayas	6.77	6.89	6.74	6.58	6.13
Zamboanga Peninsula	6.38	6.76	7.56	6.22	6.93
Northern Mindanao	4.92	4.91	5.14	4.58	4.60
Davao Region	8.43	8.22	7.54	8.07	6.79
SOCCSKSARGEN	9.27	8.69	8.61	8.30	7.89
Caraga	7.68	7.34	7.97	7.99	7.89
ARMM	2.61	2.88	2.30	1.87	1.79

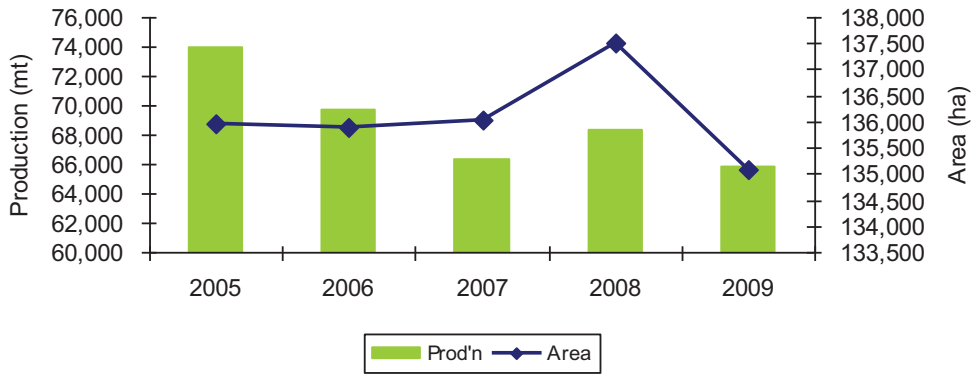
C. NON-FOOD & INDUSTRIAL CROPS

HIGHLIGHTS

ABACA

From 2005 to 2009, abaca production in the country declined by 2.89 percent annually while area planted went down by 0.16 percent. Abaca production decreased by 3.74 percent, from 68.39 thousand mt in 2008 to 65.83 thousand mt in 2009 (Figure 1) due to lesser harvest as a result of low prices. The major producing provinces of Leyte and Southern Leyte were still affected by bunchy tops and mosaic diseases. This resulted in a 10.68 percent drop in production in Eastern Visayas region.

Figure 1. Abaca: Production and Area, Philippines, 2005-2009



Eastern Visayas remained as the top abaca producer in 2009 with 21.24 thousand mt or 32.3 percent of the country's total production. The other major producers were Bicol Region with 18.83 thousand mt or 28.6 percent share; and Davao Region with 10.21 thousand mt or 15.5 percent contribution to the country's abaca production (Figure 2).

Figure 2. Abaca: Top Producing Regions, Philippines 2009

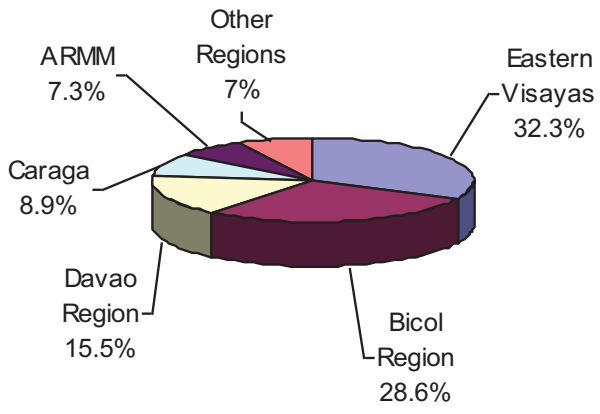


Table 4.1 ABACA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

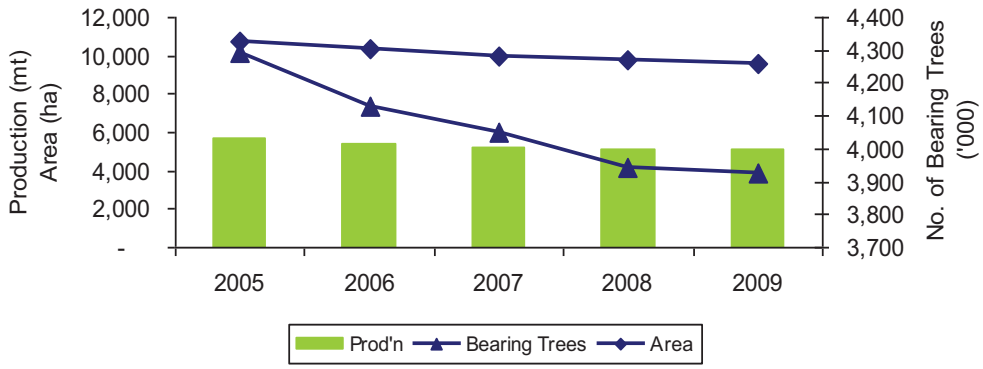
Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**74,014**	**69,802**	**66,437**	**68,386**	**65,825**
CAR	7	14	14	13	13
Ilocos Region					
Cagayan Valley					
Central Luzon	31	48	53	80	100
CALABARZON		37	52	24	21
MIMAROPA	55	67	69	72	74
Bicol Region	19,934	20,328	17,145	18,363	18,833
Western Visayas	1,131	1,579	1,338	1,679	1,568
Central Visayas	605	390	470	731	383
Eastern Visayas	29,117	25,788	24,752	23,779	21,239
Zamboanga Peninsula	148	113	221	177	198
Northern Mindanao	1,766	1,553	1,569	1,615	1,741
Davao Region	10,296	8,901	9,554	10,247	10,212
SOCCSKSARGEN	866	709	727	741	800
Caraga	5,578	5,674	5,835	6,084	5,861
ARMM	4,480	4,602	4,638	4,779	4,781
Area (Ha)					
PHILIPPINES	**135,966**	**135,883**	**136,049**	**137,520**	**135,081**
CAR	800	800	600	870	870
Ilocos Region	1	1			
Cagayan Valley					
Central Luzon	234	434	480	508	510
CALABARZON	26	109	199	294	250
MIMAROPA	1,119	1,134	1,122	1,127	1,172
Bicol Region	42,832	42,832	42,663	42,662	42,662
Western Visayas	4,260	4,151	4,020	4,001	3,946
Central Visayas	3,084	3,084	3,087	3,097	3,097
Eastern Visayas	44,952	44,777	45,068	44,943	42,388
Zamboanga Peninsula	1,728	1,874	1,885	1,869	1,919
Northern Mindanao	4,971	4,988	4,993	4,990	5,036
Davao Region	10,953	10,088	10,120	10,777	10,808
SOCCSKSARGEN	3,894	3,949	4,018	4,555	4,589
Caraga	9,181	9,735	9,891	9,912	9,920
ARMM	7,930	7,927	7,902	7,914	7,914
Yield Per Hectare (mt)					
PHILIPPINES	**0.54**	**0.51**	**0.49**	**0.50**	**0.49**
CAR	0.01	0.02	0.02	0.02	0.02
Ilocos Region					
Cagayan Valley					
Central Luzon	0.13	0.11	0.11	0.16	0.20
CALABARZON		0.34	0.26	0.08	0.09
MIMAROPA	0.05	0.06	0.06	0.06	0.06
Bicol Region	0.47	0.47	0.40	0.43	0.44
Western Visayas	0.27	0.38	0.33	0.42	0.40
Central Visayas	0.20	0.13	0.15	0.24	0.12
Eastern Visayas	0.65	0.58	0.55	0.53	0.50
Zamboanga Peninsula	0.09	0.06	0.12	0.09	0.10
Northern Mindanao	0.36	0.31	0.31	0.32	0.35
Davao Region	0.94	0.88	0.94	0.95	0.94
SOCCSKSARGEN	0.22	0.18	0.18	0.16	0.17
Caraga	0.61	0.58	0.59	0.61	0.59
ARMM	0.56	0.58	0.59	0.60	0.60

HIGHLIGHTS

CACAO

Cacao production decreased by an annual average rate of 2.49 percent from 2005 to 2009 (Figure 1). Corresponding annual decreases were noted in area planted by 2.87 percent on average; number of bearing trees, 2.22 percent; and yield per bearing tree, 0.27 percent. In 2009, production was 5.13 thousand mt, 0.29 percent lower than the 5.15 thousand mt in 2008.

Figure 1. Cacao: Production, Area and Number of Bearing Trees, Philippines, 2005-2009



The top producing regions in 2008 were Davao Region with 68.4 percent of the national output; Northern Mindanao with a share of 10.9 percent; Caraga, 3.1 percent; Zamboanga Peninsula, 2.6 and Eastern Visayas with a share of 2.5 percent (Figure 2).

Figure 2. Cacao: Top Producing Regions, Philippines, 2009

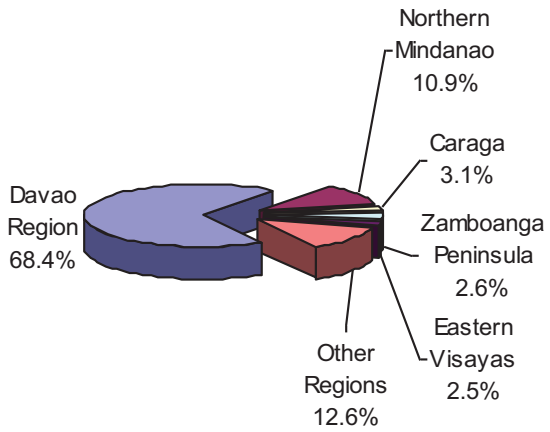


Table 4.2 CACAO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**5,679**	**5,415**	**5,237**	**5,149**	**5,134**
CAR	13	14	14	13	14
Ilocos Region	47	48	48	50	49
Cagayan Valley	60	92	104	109	116
Central Luzon	46	37	38	40	41
CALABARZON	45	38	26	23	22
MIMAROPA	35	33	40	44	49
Bicol Region	34	33	23	29	30
Western Visayas	93	91	80	77	74
Central Visayas	73	72	72	65	61
Eastern Visayas	135	131	131	129	127
Zamboanga Peninsula	151	150	142	135	132
Northern Mindanao	498	547	549	551	562
Davao Region	3,882	3,598	3,476	3,470	3,510
SOCCSKSARGEN	106	98	86	83	79
Caraga	330	308	288	213	157
ARMM	130	125	121	118	110
Area (Ha)					
PHILIPPINES	**10,719**	**10,354**	**9,985**	**9,751**	**9,538**
CAR	26	28	26	26	26
Ilocos Region	74	75	74	74	73
Cagayan Valley	248	179	181	216	222
Central Luzon	30	34	34	33	33
CALABARZON	397	375	350	340	340
MIMAROPA	64	64	75	74	82
Bicol Region	302	291	284	284	284
Western Visayas	132	129	124	123	115
Central Visayas	155	155	156	155	153
Eastern Visayas	405	400	397	395	379
Zamboanga Peninsula	705	630	604	527	446
Northern Mindanao	952	949	975	941	937
Davao Region	5,117	5,058	5,011	4,945	4,945
SOCCSKSARGEN	172	159	143	137	133
Caraga	951	940	875	855	855
ARMM	988	888	675	625	515
Yield Per Hectare (mt)					
PHILIPPINES	**0.53**	**0.52**	**0.52**	**0.53**	**0.54**
CAR	0.52	0.49	0.54	0.51	0.54
Ilocos Region	0.64	0.64	0.64	0.67	0.66
Cagayan Valley	0.24	0.51	0.58	0.50	0.52
Central Luzon	1.53	1.09	1.12	1.20	1.24
CALABARZON	0.11	0.10	0.07	0.07	0.06
MIMAROPA	0.54	0.52	0.53	0.59	0.60
Bicol Region	0.11	0.11	0.08	0.10	0.11
Western Visayas	0.71	0.71	0.64	0.63	0.64
Central Visayas	0.47	0.46	0.46	0.42	0.40
Eastern Visayas	0.33	0.33	0.33	0.33	0.34
Zamboanga Peninsula	0.21	0.24	0.23	0.26	0.30
Northern Mindanao	0.52	0.58	0.56	0.59	0.60
Davao Region	0.76	0.71	0.69	0.70	0.71
SOCCSKSARGEN	0.62	0.62	0.60	0.61	0.60
Caraga	0.35	0.33	0.33	0.25	0.18
ARMM	0.13	0.14	0.18	0.19	0.21

Table 4.2a CACAO: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
BEARING TREES (no.)					
PHILIPPINES	**4,295,279**	**4,129,905**	**4,050,124**	**3,942,957**	**3,926,033**
CAR	11,758	11,600	12,569	12,574	12,582
Ilocos Region	17,623	17,733	17,521	17,521	17,613
Cagayan Valley	71,777	75,417	71,661	72,560	73,730
Central Luzon	15,065	20,100	19,500	19,500	19,309
CALABARZON	62,845	58,570	48,496	46,496	46,486
MIMAROPA	23,365	22,418	25,315	26,701	29,204
Bicol Region	60,166	59,053	56,836	56,836	56,840
Western Visayas	58,311	57,097	56,015	55,422	53,375
Central Visayas	63,699	63,284	61,673	61,423	61,173
Eastern Visayas	162,191	155,887	153,147	152,450	151,449
Zamboanga Peninsula	119,025	101,418	98,730	93,464	80,964
Northern Mindanao	484,467	483,002	482,602	482,155	482,752
Davao Region	2,731,722	2,570,134	2,538,305	2,460,190	2,460,216
SOCCSKSARGEN	75,569	66,579	59,508	57,519	53,594
Caraga	253,670	252,190	252,850	237,755	237,255
ARMM	84,026	115,423	95,396	90,391	89,491
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**401**	**399**	**406**	**404**	**412**
CAR	452	414	483	484	484
Ilocos Region	238	237	235	235	240
Cagayan Valley	289	421	396	336	332
Central Luzon	502	591	574	591	585
CALABARZON	158	156	139	137	137
MIMAROPA	365	352	338	359	356
Bicol Region	199	203	200	200	200
Western Visayas	440	442	451	451	464
Central Visayas	411	408	395	396	400
Eastern Visayas	400	390	386	386	400
Zamboanga Peninsula	169	161	163	177	182
Northern Mindanao	509	509	495	512	515
Davao Region	534	508	507	498	498
SOCCSKSARGEN	439	419	416	420	403
Caraga	267	268	289	278	277
ARMM	85	130	141	145	174
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**1.32**	**1.31**	**1.29**	**1.31**	**1.31**
CAR	1.14	1.18	1.12	1.06	1.12
Ilocos Region	2.69	2.70	2.72	2.87	2.76
Cagayan Valley	0.84	1.22	1.45	1.50	1.57
Central Luzon	3.05	1.84	1.95	2.03	2.12
CALABARZON	0.71	0.65	0.53	0.49	0.47
MIMAROPA	1.48	1.48	1.57	1.65	1.68
Bicol Region	0.57	0.56	0.40	0.51	0.53
Western Visayas	1.60	1.60	1.43	1.39	1.38
Central Visayas	1.15	1.14	1.17	1.05	1.01
Eastern Visayas	0.83	0.84	0.86	0.85	0.84
Zamboanga Peninsula	1.27	1.48	1.48	1.45	1.64
Northern Mindanao	1.03	1.13	1.14	1.14	1.16
Davao Region	1.42	1.40	1.40	1.41	1.43
SOCCSKSARGEN	1.40	1.47	1.45	1.45	1.48
Caraga	1.30	1.22	1.14	0.90	0.66
ARMM	1.54	1.08	1.27	1.31	1.23

HIGHLIGHTS

CASHEW

Cashew production was going down by 0.99 percent annually from 116.53 thousand mt in 2005 to 111.99 thousand mt in 2009 (Figure 1). Area planted to cashew decreased at the rate of 0.23 percent annually from 27.68 thousand hectares in 2005 to 27.43 thousand hectares in 2009. The number of bearing trees was highest in 2005 at 3.52 million trees but decreased annually by 0.30 percent to 3.48 million trees in 2009.

Figure 1. Cashew: Production, Area, Number of Bearing Trees, Philippines, 2005-2009

MIMAROPA, the top producer of cashew, contributed 92.2 percent to the country's production in 2009 (Figure 2).

Figure 2. Cashew: Top Producing Regions, Philippines, 2009

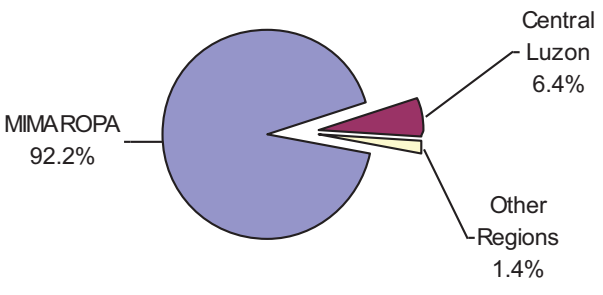


Table 4.3 CASHEW: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**116,533**	**113,071**	**112,558**	**112,334**	**111,993**
CAR				1	1
Ilocos Region	590	618	668	700	730
Cagayan Valley	89	86	79	70	54
Central Luzon	8,187	7,928	7,448	7,358	7,147
CALABARZON	215	97	75	52	49
MIMAROPA	106,201	103,252	103,261	103,263	103,272
Bicol Region	5	5	4	4	4
Western Visayas	673	600	600	563	547
Central Visayas	128	127	119	70	57
Eastern Visayas					
Zamboanga Peninsula	14	15	15	14	12
Northern Mindanao	236	176	132	97	40
Davao Region	144	139	133	116	59
SOCCSKSARGEN	17	16	15	14	12
Caraga	34	13	10	12	8
ARMM	0.30	0.20	0.19	0.20	0.25
Area (Ha)					
PHILIPPINES	**27,683**	**27,610**	**27,574**	**27,517**	**27,428**
CAR				2	2
Ilocos Region	496	494	490	486	486
Cagayan Valley	44	44	36	35	36
Central Luzon	1,632	1,612	1,612	1,575	1,572
CALABARZON	90	50	37	32	32
MIMAROPA	24,392	24,395	24,405	24,410	24,425
Bicol Region	3	3	3	3	3
Western Visayas	416	419	419	428	431
Central Visayas	21	21	22	20	20
Eastern Visayas					
Zamboanga Peninsula	40	40	40	39	40
Northern Mindanao	157	157	137	137	54
Davao Region	341	324	322	302	282
SOCCSKSARGEN	12	12	12	11	11
Caraga	37	37	37	35	33
ARMM	2	2	2	2	2
Yield Per Hectare (mt)					
PHILIPPINES	**4.21**	**4.10**	**4.08**	**4.08**	**4.08**
CAR				0.65	0.66
Ilocos Region	1.19	1.25	1.36	1.44	1.50
Cagayan Valley	2.02	1.95	2.20	2.00	1.50
Central Luzon	5.02	4.92	4.62	4.67	4.55
CALABARZON	2.39	1.95	2.02	1.64	1.54
MIMAROPA	4.35	4.23	4.23	4.23	4.23
Bicol Region	1.77	1.62	1.25	1.28	1.26
Western Visayas	1.62	1.43	1.43	1.32	1.27
Central Visayas	6.10	6.02	5.42	3.48	2.85
Eastern Visayas					
Zamboanga Peninsula	0.35	0.38	0.39	0.36	0.31
Northern Mindanao	1.50	1.12	0.96	0.71	0.73
Davao Region	0.42	0.43	0.41	0.38	0.21
SOCCSKSARGEN	1.43	1.30	1.22	1.27	1.11
Caraga	0.93	0.34	0.28	0.35	0.25
ARMM	0.15	0.10	0.10	0.10	0.13

Table 4.3a CASHEW: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009

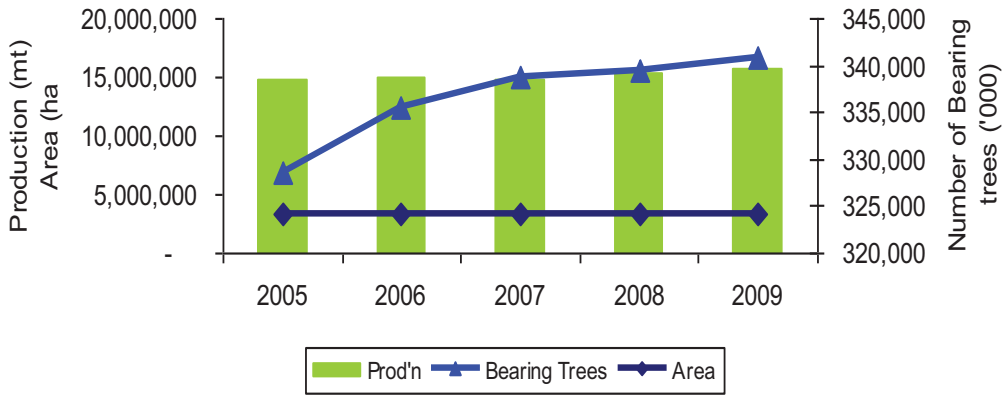
Region	2005	2006	2007	2008	2009
BEARING TREES (no.)					
PHILIPPINES	**3,522,996**	**3,495,138**	**3,496,379**	**3,491,813**	**3,480,231**
CAR				275	288
Ilocos Region	69,553	69,353	68,965	68,425	68,411
Cagayan Valley	4,775	4,775	4,006	3,921	3,921
Central Luzon	217,415	198,233	203,758	201,949	201,073
CALABARZON	12,498	5,890	4,159	3,230	3,221
MIMAROPA	3,104,774	3,104,899	3,105,615	3,106,000	3,106,250
Bicol Region	361	352	343	343	343
Western Visayas	59,818	60,461	60,152	60,021	59,810
Central Visayas	5,565	5,600	5,600	5,400	5,400
Eastern Visayas					
Zamboanga Peninsula	4,160	3,587	3,590	3,545	3,530
Northern Mindanao	15,743	15,743	14,641	14,628	5,092
Davao Region	21,958	20,070	19,827	18,663	17,594
SOCCSKSARGEN	1,716	1,516	1,260	1,200	1,185
Caraga	4,540	4,540	4,350	4,100	4,000
ARMM	120	119	113	113	113
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**127**	**127**	**127**	**127**	**127**
CAR				138	144
Ilocos Region	140	140	141	141	141
Cagayan Valley	109	109	111	112	110
Central Luzon	133	123	126	128	128
CALABARZON	139	118	112	101	101
MIMAROPA	127	127	127	127	127
Bicol Region	120	117	114	114	114
Western Visayas	144	144	144	140	139
Central Visayas	265	267	255	270	270
Eastern Visayas					
Zamboanga Peninsula	104	90	90	91	88
Northern Mindanao	100	100	107	107	94
Davao Region	64	62	62	62	63
SOCCSKSARGEN	143	126	105	109	108
Caraga	123	123	118	117	121
ARMM	60	60	57	57	57
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**33.08**	**32.35**	**32.19**	**32.17**	**32.18**
CAR				4.73	4.58
Ilocos Region	8.48	8.92	9.68	10.23	10.68
Cagayan Valley	18.62	17.94	19.77	17.88	13.68
Central Luzon	37.65	39.99	36.55	36.43	35.54
CALABARZON	17.22	16.55	17.93	16.20	15.26
MIMAROPA	34.21	33.25	33.25	33.25	33.25
Bicol Region	14.74	13.85	10.93	11.20	10.99
Western Visayas	11.25	9.93	9.97	9.38	9.15
Central Visayas	23.01	22.59	21.30	12.88	10.57
Eastern Visayas					
Zamboanga Peninsula	3.39	4.25	4.30	3.92	3.48
Northern Mindanao	14.98	11.15	9.00	6.62	7.79
Davao Region	6.56	6.90	6.73	6.22	3.35
SOCCSKSARGEN	9.98	10.28	11.64	11.62	10.32
Caraga	7.57	2.77	2.37	2.99	2.03
ARMM	2.50	1.68	1.68	1.77	2.21

HIGHLIGHTS

COCONUT

Coconut production in 2009 was 15.67 million mt and recorded a 1.39 percent annual increase from 14.82 million mt in 2005 (Figure 1). Average yield also increased to 45.96 kilograms per bearing tree in 2009 from 45.11 kilograms per bearing tree in 2005 (Table 4.4a). These increases were brought about by the recovery of coconut trees from the devastating effects of typhoons Milenyo and Reming in 2006, the increasing price of copra, and the effect of the expanding fertilization program of the Philippine Coconut Authority.

Figure 1. Coconut: Production, Area and Number of Bearing Trees, Philippines, 2005-2009



The top coconut producer was Davao Region which contributed 17.2 percent in the national production in 2009. The other major producers were Eastern Visayas, Zamboanga Peninsula and Northern Mindanao with shares of more than 11 percent each in the national production (Figure 2).

Figure 2. Coconut: Top Producing Regions, Philippines, 2009

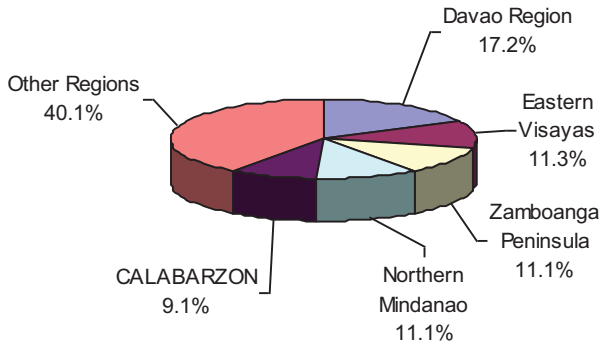


Table 4.4 COCONUT: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**14,824,585**	**14,957,910**	**14,852,927**	**15,319,527**	**15,667,565**
CAR	798	834	861	866	906
Ilocos Region	26,674	31,568	34,551	36,144	38,023
Cagayan Valley	66,151	75,549	79,326	77,776	71,896
Central Luzon	173,059	183,655	182,403	189,103	199,730
CALABARZON	1,483,600	1,456,735	1,247,032	1,362,852	1,430,128
MIMAROPA	667,150	666,398	567,161	580,603	668,361
Bicol Region	1,185,327	1,219,374	959,358	1,159,810	1,257,221
Western Visayas	500,013	488,401	483,067	482,736	478,331
Central Visayas	354,190	377,016	396,696	393,855	434,589
Eastern Visayas	1,764,645	1,760,079	1,778,045	1,805,072	1,776,916
Zamboanga Peninsula	1,637,823	1,723,659	1,766,479	1,714,907	1,744,738
Northern Mindanao	1,548,758	1,491,120	1,669,281	1,713,354	1,743,338
Davao Region	2,493,554	2,497,515	2,581,103	2,671,203	2,691,905
SOCCSKSARGEN	779,317	810,160	854,581	870,094	895,086
Caraga	973,115	995,136	1,010,275	1,011,096	985,427
ARMM	1,170,409	1,180,709	1,242,708	1,250,054	1,250,971
Area (Ha)					
PHILIPPINES	**3,243,278**	**3,337,378**	**3,359,777**	**3,379,741**	**3,401,500**
CAR	270	272	280	281	281
Ilocos Region	11,131	11,296	11,406	11,458	11,540
Cagayan Valley	13,611	13,613	13,618	13,650	13,661
Central Luzon	25,129	24,098	24,105	24,086	24,088
CALABARZON	343,023	342,997	343,541	343,578	343,568
MIMAROPA	155,495	156,258	160,405	161,858	179,321
Bicol Region	415,449	432,620	442,406	447,743	447,764
Western Visayas	114,402	122,573	122,573	122,785	119,663
Central Visayas	128,346	128,646	128,646	128,646	128,707
Eastern Visayas	371,642	371,670	372,497	378,968	383,546
Zamboanga Peninsula	334,984	363,530	363,624	368,365	369,013
Northern Mindanao	290,559	303,027	298,985	299,905	300,575
Davao Region	379,496	372,213	376,398	375,932	375,922
SOCCSKSARGEN	159,856	161,311	167,985	168,969	169,254
Caraga	218,628	218,882	218,932	219,102	219,107
ARMM	281,257	314,372	314,376	314,415	315,490
Yield Per Hectare (mt)					
PHILIPPINES	**4.57**	**4.48**	**4.42**	**4.53**	**4.61**
CAR	2.96	3.07	3.08	3.08	3.22
Ilocos Region	2.40	2.79	3.03	3.15	3.29
Cagayan Valley	4.86	5.55	5.83	5.70	5.26
Central Luzon	6.89	7.62	7.57	7.85	8.29
CALABARZON	4.33	4.25	3.63	3.97	4.16
MIMAROPA	4.29	4.26	3.54	3.59	3.73
Bicol Region	2.85	2.82	2.17	2.59	2.81
Western Visayas	4.37	3.98	3.94	3.93	4.00
Central Visayas	2.76	2.93	3.08	3.06	3.38
Eastern Visayas	4.75	4.74	4.77	4.76	4.63
Zamboanga Peninsula	4.89	4.74	4.86	4.66	4.73
Northern Mindanao	5.33	4.92	5.58	5.71	5.80
Davao Region	6.57	6.71	6.86	7.11	7.16
SOCCSKSARGEN	4.88	5.02	5.09	5.15	5.29
Caraga	4.45	4.55	4.61	4.61	4.50
ARMM	4.16	3.76	3.95	3.98	3.97

Table 4.4a COCONUT: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009

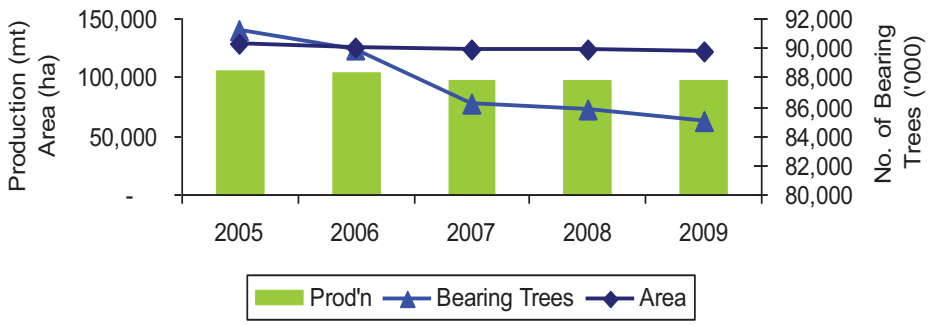
Region	2005	2006	2007	2008	2009
BEARING TREES (no.)					
PHILIPPINES	**328,652,399**	**335,466,568**	**338,724,352**	**339,357,206**	**340,882,817**
CAR	32,923	32,828	33,269	33,341	33,481
Ilocos Region	851,060	888,021	891,677	894,856	895,914
Cagayan Valley	1,365,647	1,366,192	1,366,567	1,372,809	1,372,767
Central Luzon	2,461,795	2,353,636	2,358,895	2,359,706	3,003,200
CALABARZON	42,039,878	41,720,180	41,714,661	41,750,811	41,750,248
MIMAROPA	17,159,011	17,147,487	17,142,289	17,229,897	17,300,172
Bicol Region	33,127,940	34,437,381	34,452,018	33,994,462	34,094,550
Western Visayas	9,020,433	9,577,131	9,578,206	9,657,270	9,516,597
Central Visayas	12,571,671	12,558,177	12,558,177	12,620,221	12,870,240
Eastern Visayas	48,073,861	48,076,843	48,061,093	48,069,659	48,643,020
Zamboanga Peninsula	29,363,723	29,440,995	30,344,292	30,801,254	30,920,994
Northern Mindanao	27,696,361	31,806,636	31,813,502	32,059,787	31,805,687
Davao Region	39,679,420	39,154,236	39,923,065	39,880,553	39,860,142
SOCCSKSARGEN	13,481,166	13,644,973	14,399,330	14,515,961	14,536,465
Caraga	20,010,800	20,035,156	20,839,900	20,845,650	20,846,275
ARMM	31,716,710	33,226,696	33,247,411	33,270,969	33,433,065
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**101**	**101**	**101**	**100**	**100**
CAR	122	121	119	119	119
Ilocos Region	76	79	78	78	78
Cagayan Valley	100	100	100	101	100
Central Luzon	98	98	98	98	125
CALABARZON	123	122	121	122	122
MIMAROPA	110	110	107	106	96
Bicol Region	80	80	78	76	76
Western Visayas	79	78	78	79	80
Central Visayas	98	98	98	98	100
Eastern Visayas	129	129	129	127	127
Zamboanga Peninsula	88	81	83	84	84
Northern Mindanao	95	105	106	107	106
Davao Region	105	105	106	106	106
SOCCSKSARGEN	84	85	86	86	86
Caraga	92	92	95	95	95
ARMM	113	106	106	106	106
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**45.11**	**44.59**	**43.85**	**45.14**	**45.96**
CAR	24.23	25.41	25.88	25.97	27.06
Ilocos Region	31.34	35.55	38.75	40.39	42.44
Cagayan Valley	48.44	55.30	58.05	56.65	52.37
Central Luzon	70.30	78.03	77.33	80.14	66.51
CALABARZON	35.29	34.92	29.89	32.64	34.25
MIMAROPA	38.88	38.86	33.09	33.70	38.63
Bicol Region	35.78	35.41	27.85	34.12	36.87
Western Visayas	55.43	51.00	50.43	49.99	50.26
Central Visayas	28.17	30.02	31.59	31.21	33.77
Eastern Visayas	36.71	36.61	37.00	37.55	36.53
Zamboanga Peninsula	55.78	58.55	58.21	55.68	56.43
Northern Mindanao	55.92	46.88	52.47	53.44	54.81
Davao Region	62.84	63.79	64.65	66.98	67.53
SOCCSKSARGEN	57.81	59.37	59.35	59.94	61.58
Caraga	48.63	49.67	48.48	48.50	47.27
ARMM	36.90	35.53	37.38	37.57	37.42

HIGHLIGHTS

COFFEE

Throughout the period 2005-2009, coffee production went down by an average annual rate of 2.30 percent (Figure 1). In 2009, coffee production was estimated at 96.43 thousand mt which was 1.02 percent lower than the 2008 production of 97.43 thousand mt. The declining production was due to the rejuvenation of farms in Davao Region, particularly, in Davao City. Coffee farmers also shifted to banana and rubber production in SOCCSKSARGEN. Area planted and number of bearing trees contracted annually by 1.06 percent and 1.74 percent, respectively (Figure 1).

Figure 1. Coffee: Production, Area and Number of Bearing Trees, Philippines, 2005-2009



SOCCSKSARGEN was the top coffee producer in 2009 with 28.6 percent contribution to the country's coffee production. The second top producer was Davao Region with 24.5 percent share to total production (Figure 2).

Figure 2. Coffee: Top Producing Regions, Philippines, 2009

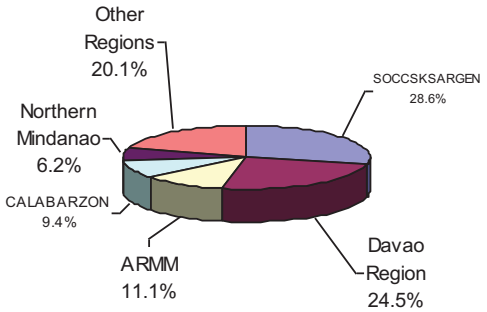
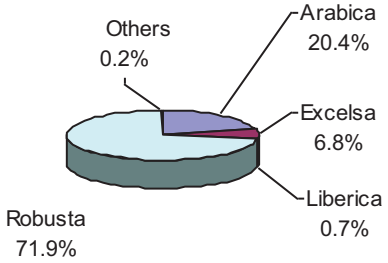


Figure 3. Coffee: Percent Contribution by Variety, Philippines, 2009



Of the coffee varieties, Robusta had the highest share of 71.9 percent to the total production of all varieties (Figure 3).

Table 4.5 COFFEE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**105,847**	**104,093**	**97,877**	**97,428**	**96,433**
CAR	6,010	6,346	6,252	5,950	5,700
Ilocos Region	78	85	88	98	105
Cagayan Valley	677	1,040	1,062	1,080	1,099
Central Luzon	1,627	1,534	1,591	1,673	1,706
CALABARZON	10,806	10,276	8,819	9,132	9,084
MIMAROPA	202	205	206	207	202
Bicol Region	382	366	340	339	335
Western Visayas	6,095	6,004	5,835	5,734	5,902
Central Visayas	585	364	314	295	251
Eastern Visayas	212	207	197	247	227
Zamboanga Peninsula	1,372	1,368	1,337	1,314	1,263
Northern Mindanao	6,037	6,292	6,287	6,203	6,016
Davao Region	29,769	28,839	24,466	24,066	23,632
SOCCSKSARGEN	27,187	27,047	27,123	27,022	27,554
Caraga	3,850	3,120	3,115	3,147	2,619
ARMM	10,958	11,000	10,844	10,922	10,737
Area (Ha)					
PHILIPPINES	**127,975**	**126,063**	**123,975**	**123,269**	**122,645**
CAR	7,781	7,780	7,581	7,270	6,980
Ilocos Region	112	111	107	120	120
Cagayan Valley	2,882	2,861	2,863	2,863	2,873
Central Luzon	1,867	1,857	1,867	1,897	1,887
CALABARZON	15,558	15,296	14,780	14,650	14,306
MIMAROPA	948	942	942	935	911
Bicol Region	898	859	867	867	838
Western Visayas	10,086	10,085	10,087	10,133	10,106
Central Visayas	1,465	1,422	1,412	1,255	1,396
Eastern Visayas	422	411	411	411	379
Zamboanga Peninsula	1,498	1,471	1,444	1,406	1,332
Northern Mindanao	13,220	13,216	13,218	13,137	13,083
Davao Region	28,362	27,735	26,677	26,633	26,624
SOCCSKSARGEN	24,597	24,057	23,930	23,919	24,038
Caraga	4,677	4,354	4,061	4,047	4,039
ARMM	13,603	13,605	13,728	13,725	13,734
Yield Per Hectare (mt)					
PHILIPPINES	**0.83**	**0.83**	**0.79**	**0.79**	**0.79**
CAR	0.77	0.82	0.82	0.82	0.82
Ilocos Region	0.70	0.76	0.82	0.81	0.88
Cagayan Valley	0.24	0.36	0.37	0.38	0.38
Central Luzon	0.87	0.83	0.85	0.88	0.90
CALABARZON	0.69	0.67	0.60	0.62	0.64
MIMAROPA	0.21	0.22	0.22	0.22	0.22
Bicol Region	0.43	0.43	0.39	0.39	0.40
Western Visayas	0.60	0.60	0.58	0.57	0.58
Central Visayas	0.40	0.26	0.22	0.24	0.18
Eastern Visayas	0.50	0.50	0.48	0.60	0.60
Zamboanga Peninsula	0.92	0.93	0.93	0.93	0.95
Northern Mindanao	0.46	0.48	0.48	0.47	0.46
Davao Region	1.05	1.04	0.92	0.90	0.89
SOCCSKSARGEN	1.11	1.12	1.13	1.13	1.15
Caraga	0.82	0.72	0.77	0.78	0.65
ARMM	0.81	0.81	0.79	0.80	0.78

Table 4.5a COFFEE: NUMBER OF BEARING TREES, PLANTING DENSITY, AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
BEARING TREES (no.)					
PHILIPPINES	**91,253,539**	**89,883,642**	**86,214,597**	**85,757,726**	**85,064,363**
CAR	4,868,371	4,867,698	4,779,615	4,620,760	4,510,660
Ilocos Region	62,553	63,353	62,424	68,105	70,194
Cagayan Valley	1,905,528	1,846,863	1,847,203	1,846,870	1,849,283
Central Luzon	1,270,600	1,227,801	1,311,074	1,271,276	1,264,658
CALABARZON	13,521,824	13,418,661	10,702,962	10,593,632	10,480,626
MIMAROPA	354,684	351,765	351,129	352,084	348,872
Bicol Region	638,986	622,763	610,465	610,565	594,507
Western Visayas	6,085,905	6,084,083	6,061,738	6,058,031	6,045,456
Central Visayas	1,108,122	1,066,334	1,057,192	1,047,892	1,049,884
Eastern Visayas	213,905	211,435	210,569	212,289	204,359
Zamboanga Peninsula	794,006	835,916	826,846	810,694	797,819
Northern Mindanao	6,915,612	6,911,871	6,844,312	6,833,177	6,810,199
Davao Region	23,447,764	22,726,669	21,882,670	21,856,136	21,843,516
SOCCSKSARGEN	18,398,707	18,175,954	18,331,987	18,278,494	17,898,061
Caraga	2,995,415	2,785,765	2,586,500	2,583,055	2,575,250
ARMM	8,671,557	8,686,711	8,747,911	8,714,666	8,721,019
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**713**	**713**	**695**	**696**	**694**
CAR	626	626	630	636	646
Ilocos Region	559	569	586	565	587
Cagayan Valley	661	646	645	645	644
Central Luzon	681	661	702	670	670
CALABARZON	869	877	724	723	733
MIMAROPA	374	373	373	377	383
Bicol Region	712	725	704	704	709
Western Visayas	603	603	601	598	598
Central Visayas	756	750	749	835	752
Eastern Visayas	507	514	512	517	540
Zamboanga Peninsula	530	568	573	576	599
Northern Mindanao	523	523	518	520	521
Davao Region	827	819	820	821	820
SOCCSKSARGEN	748	756	766	764	745
Caraga	640	640	637	638	638
ARMM	637	638	637	635	635
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**1.16**	**1.16**	**1.14**	**1.14**	**1.13**
CAR	1.23	1.30	1.31	1.29	1.26
Ilocos Region	1.25	1.34	1.40	1.43	1.50
Cagayan Valley	0.36	0.56	0.58	0.58	0.59
Central Luzon	1.28	1.25	1.21	1.32	1.35
CALABARZON	0.80	0.77	0.82	0.86	0.87
MIMAROPA	0.57	0.58	0.59	0.59	0.58
Bicol Region	0.60	0.59	0.56	0.56	0.56
Western Visayas	1.00	0.99	0.96	0.95	0.98
Central Visayas	0.53	0.34	0.30	0.28	0.24
Eastern Visayas	0.99	0.98	0.94	1.16	1.11
Zamboanga Peninsula	1.73	1.64	1.62	1.62	1.58
Northern Mindanao	0.87	0.91	0.92	0.91	0.88
Davao Region	1.27	1.27	1.12	1.10	1.08
SOCCSKSARGEN	1.48	1.49	1.48	1.48	1.54
Caraga	1.29	1.12	1.20	1.22	1.02
ARMM	1.26	1.27	1.24	1.25	1.23

Table 4.5.1 COFFEE ARABICA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**20,672**	**20,315**	**19,739**	**19,677**	**19,655**
CAR	524	522	533	535	548
Ilocos Region	23	27	30	33	37
Cagayan Valley	153	209	217	216	222
Central Luzon	6	5	6	6	6
CALABARZON	188	155	88	91	85
MIMAROPA	8	8	7	7	6
Bicol Region	83	85	74	75	76
Western Visayas	962	956	935	913	947
Central Visayas	82	48	39	37	36
Eastern Visayas	80	78	73	71	68
Zamboanga Peninsula	653	643	623	594	546
Northern Mindanao	420	408	399	395	393
Davao Region	4,143	3,805	3,216	3,152	3,138
SOCCSKSARGEN	11,622	11,625	11,778	11,804	11,831
Caraga	2	2	3	3	2
ARMM	1,725	1,738	1,719	1,745	1,715
Area (Ha)					
PHILIPPINES	**21,011**	**20,804**	**20,008**	**19,977**	**19,862**
CAR	557	558	575	578	574
Ilocos Region	26	26	25	24	24
Cagayan Valley	560	568	570	570	573
Central Luzon	253	258	263	263	263
CALABARZON	329	225	158	143	138
MIMAROPA	74	73	72	70	61
Bicol Region	286	273	272	272	266
Western Visayas	1,802	1,801	1,813	1,827	1,821
Central Visayas	461	514	511	511	505
Eastern Visayas	135	130	130	128	121
Zamboanga Peninsula	602	588	571	557	530
Northern Mindanao	579	578	607	607	605
Davao Region	4,627	4,531	4,014	4,007	4,004
SOCCSKSARGEN	8,923	8,881	8,628	8,610	8,562
Caraga	3	3	3	3	3
ARMM	1,795	1,797	1,797	1,807	1,812
Yield Per Hectare (mt)					
PHILIPPINES	**0.98**	**0.98**	**0.99**	**0.98**	**0.99**
CAR	0.94	0.94	0.93	0.93	0.95
Ilocos Region	0.87	1.05	1.21	1.38	1.57
Cagayan Valley	0.27	0.37	0.38	0.38	0.39
Central Luzon	0.02	0.02	0.02	0.02	0.02
CALABARZON	0.57	0.69	0.55	0.63	0.61
MIMAROPA	0.10	0.11	0.10	0.10	0.10
Bicol Region	0.29	0.31	0.27	0.28	0.28
Western Visayas	0.53	0.53	0.52	0.50	0.52
Central Visayas	0.18	0.09	0.08	0.07	0.07
Eastern Visayas	0.60	0.60	0.56	0.56	0.57
Zamboanga Peninsula	1.09	1.09	1.09	1.07	1.03
Northern Mindanao	0.72	0.71	0.66	0.65	0.65
Davao Region	0.90	0.84	0.80	0.79	0.78
SOCCSKSARGEN	1.30	1.31	1.37	1.37	1.38
Caraga	0.73	0.77	1.07	1.10	0.70
ARMM	0.96	0.97	0.96	0.97	0.95

Table 4.5.1a COFFEE ARABICA: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
BEARING TREES (no.)					
PHILIPPINES	**14,762,862**	**14,429,081**	**13,982,479**	**13,957,631**	**13,908,200**
CAR	395,090	393,046	406,531	406,967	403,577
Ilocos Region	17,691	18,435	18,623	18,354	18,708
Cagayan Valley	361,305	366,730	368,655	368,555	369,155
Central Luzon	154,100	156,775	159,925	159,930	159,996
CALABARZON	191,659	130,905	91,093	81,500	79,021
MIMAROPA	27,830	27,601	26,942	26,130	22,497
Bicol Region	209,726	206,311	201,571	201,611	198,080
Western Visayas	859,855	859,162	858,891	858,451	856,396
Central Visayas	345,529	393,171	388,570	388,570	383,945
Eastern Visayas	60,037	59,055	58,818	58,090	56,329
Zamboanga Peninsula	360,561	354,712	352,401	343,531	340,441
Northern Mindanao	308,698	307,598	303,972	303,217	302,799
Davao Region	3,795,528	3,496,867	3,099,268	3,094,661	3,091,950
SOCCSKSARGEN	6,206,592	6,175,887	6,164,568	6,155,168	6,128,558
Caraga	2,475	2,475	2,200	2,225	2,200
ARMM	1,466,186	1,480,351	1,480,451	1,490,671	1,494,548
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**703**	**694**	**699**	**699**	**700**
CAR	709	704	707	704	703
Ilocos Region	680	715	760	763	793
Cagayan Valley	645	646	647	647	644
Central Luzon	609	608	608	608	608
CALABARZON	583	583	577	570	573
MIMAROPA	376	378	375	374	370
Bicol Region	733	756	741	741	745
Western Visayas	477	477	474	470	470
Central Visayas	750	765	760	760	760
Eastern Visayas	446	453	452	455	466
Zamboanga Peninsula	599	603	617	616	642
Northern Mindanao	533	532	501	500	500
Davao Region	820	772	772	772	772
SOCCSKSARGEN	696	695	714	715	716
Caraga	825	825	733	742	733
ARMM	817	824	824	825	825
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**1.40**	**1.41**	**1.41**	**1.41**	**1.41**
CAR	1.33	1.33	1.31	1.32	1.36
Ilocos Region	1.28	1.47	1.60	1.81	1.98
Cagayan Valley	0.42	0.57	0.59	0.59	0.60
Central Luzon	0.04	0.03	0.03	0.03	0.04
CALABARZON	0.98	1.19	0.96	1.11	1.07
MIMAROPA	0.27	0.29	0.28	0.26	0.28
Bicol Region	0.40	0.41	0.37	0.37	0.38
Western Visayas	1.12	1.11	1.09	1.06	1.11
Central Visayas	0.24	0.12	0.10	0.09	0.09
Eastern Visayas	1.34	1.33	1.24	1.23	1.22
Zamboanga Peninsula	1.81	1.81	1.77	1.73	1.60
Northern Mindanao	1.36	1.33	1.31	1.30	1.30
Davao Region	1.09	1.09	1.04	1.02	1.01
SOCCSKSARGEN	1.87	1.88	1.91	1.92	1.93
Caraga	0.89	0.93	1.45	1.48	0.95
ARMM	1.18	1.17	1.16	1.17	1.15

Table 4.5.2 COFFEE EXCELSA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**8,923**	**8,326**	**7,129**	**6,763**	**6,572**
CAR	93	92	92	90	87
Ilocos Region	14	16	15	17	19
Cagayan Valley	114	158	162	164	167
Central Luzon	52	39	41	42	39
CALABARZON	1,616	1,306	968	939	926
MIMAROPA	44	44	44	44	43
Bicol Region	1	1	1	1	1
Western Visayas	3	2	2	2	2
Central Visayas	1	0.31	0.01	0.01	0.01
Eastern Visayas	58	56	52	49	47
Zamboanga Peninsula	194	186	174	162	152
Northern Mindanao	393	401	389	372	354
Davao Region	3,394	3,125	2,604	2,525	2,519
SOCCSKSARGEN	1,104	1,074	744	529	630
Caraga	386	371	363	310	116
ARMM	1,455	1,452	1,475	1,516	1,469
Area (Ha)					
PHILIPPINES	**11,359**	**10,867**	**10,387**	**10,176**	**9,687**
CAR	198	198	196	191	190
Ilocos Region	19	19	18	18	18
Cagayan Valley	373	371	371	371	372
Central Luzon	88	63	63	63	53
CALABARZON	3,271	3,160	2,994	2,924	2,693
MIMAROPA	162	161	160	159	153
Bicol Region	2	2	2	2	1
Western Visayas	6	6	8	10	10
Central Visayas	1	1	1	1	1
Eastern Visayas	127	123	123	121	113
Zamboanga Peninsula	233	225	217	208	187
Northern Mindanao	877	877	879	817	767
Davao Region	2,868	2,710	2,431	2,426	2,424
SOCCSKSARGEN	1,340	1,177	1,172	1,124	969
Caraga	249	229	206	192	184
ARMM	1,545	1,545	1,545	1,549	1,552
Yield Per Hectare (mt)					
PHILIPPINES	**0.79**	**0.77**	**0.69**	**0.66**	**0.68**
CAR	0.47	0.47	0.47	0.47	0.46
Ilocos Region	0.76	0.82	0.86	0.94	1.04
Cagayan Valley	0.31	0.43	0.44	0.44	0.45
Central Luzon	0.59	0.62	0.66	0.67	0.74
CALABARZON	0.49	0.41	0.32	0.32	0.34
MIMAROPA	0.27	0.27	0.28	0.28	0.28
Bicol Region	0.72	0.68	0.65	0.66	1.28
Western Visayas	0.40	0.36	0.27	0.20	0.20
Central Visayas	0.79	0.31	0.01	0.01	0.01
Eastern Visayas	0.46	0.46	0.42	0.41	0.42
Zamboanga Peninsula	0.83	0.83	0.80	0.78	0.81
Northern Mindanao	0.45	0.46	0.44	0.46	0.46
Davao Region	1.18	1.15	1.07	1.04	1.04
SOCCSKSARGEN	0.82	0.91	0.64	0.47	0.65
Caraga	1.55	1.62	1.76	1.62	0.63
ARMM	0.94	0.94	0.95	0.98	0.95

Table 4.5.2a COFFEE EXCELSA: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
BEARING TREES (no.)					
PHILIPPINES	**7,063,018**	**6,722,073**	**6,324,887**	**6,239,477**	**5,959,635**
CAR	89,283	88,905	90,570	89,151	87,813
Ilocos Region	11,240	11,593	11,205	11,205	12,078
Cagayan Valley	246,088	237,958	237,965	237,915	238,428
Central Luzon	66,700	47,576	48,433	51,530	40,058
CALABARZON	1,268,728	1,193,581	1,089,127	1,048,000	967,788
MIMAROPA	71,396	70,882	70,866	70,630	65,145
Bicol Region	888	888	888	888	444
Western Visayas	4,001	3,364	3,348	3,413	3,160
Central Visayas	435	435	435	435	430
Eastern Visayas	52,540	51,925	51,797	51,221	49,883
Zamboanga Peninsula	98,790	96,467	95,149	89,917	83,354
Northern Mindanao	487,694	487,694	446,774	445,440	411,610
Davao Region	2,186,581	2,064,946	1,854,158	1,851,458	1,849,219
SOCCSKSARGEN	1,075,645	974,190	964,318	923,700	791,560
Caraga	234,365	223,015	191,200	187,650	180,000
ARMM	1,168,644	1,168,654	1,168,654	1,176,924	1,178,665
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**622**	**619**	**609**	**613**	**615**
CAR	451	449	462	467	462
Ilocos Region	592	610	623	623	671
Cagayan Valley	660	641	641	641	641
Central Luzon	758	755	769	818	756
CALABARZON	388	378	364	358	359
MIMAROPA	441	440	442	444	426
Bicol Region	444	444	444	444	444
Western Visayas	625	526	399	328	304
Central Visayas	435	435	435	435	430
Eastern Visayas	414	422	421	423	441
Zamboanga Peninsula	424	429	438	432	446
Northern Mindanao	556	556	508	545	537
Davao Region	762	762	763	763	763
SOCCSKSARGEN	803	828	823	822	817
Caraga	941	974	928	977	978
ARMM	756	756	756	760	759
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**1.26**	**1.24**	**1.13**	**1.08**	**1.10**
CAR	1.04	1.04	1.02	1.01	0.99
Ilocos Region	1.28	1.35	1.38	1.51	1.56
Cagayan Valley	0.46	0.66	0.68	0.69	0.70
Central Luzon	0.78	0.82	0.85	0.82	0.98
CALABARZON	1.27	1.09	0.89	0.90	0.96
MIMAROPA	0.62	0.62	0.62	0.63	0.65
Bicol Region	1.61	1.53	1.45	1.48	2.88
Western Visayas	0.63	0.69	0.67	0.62	0.64
Central Visayas	1.82	0.71	0.02	0.02	0.02
Eastern Visayas	1.10	1.08	1.00	0.97	0.95
Zamboanga Peninsula	1.96	1.93	1.83	1.80	1.82
Northern Mindanao	0.81	0.82	0.87	0.84	0.86
Davao Region	1.55	1.51	1.40	1.36	1.36
SOCCSKSARGEN	1.03	1.10	0.77	0.57	0.80
Caraga	1.65	1.66	1.90	1.65	0.65
ARMM	1.24	1.24	1.26	1.29	1.25

Table 4.5.3 COFFEE LIBERICA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**833**	**783**	**683**	**672**	**659**
CAR	19	18	18	18	17
Ilocos Region					
Cagayan Valley	9	10	11	11	11
Central Luzon	3	3	3	3	3
CALABARZON	262	233	152	146	136
MIMAROPA	52	51	46	42	38
Bicol Region	5	5	5	5	4
Western Visayas	179	177	172	168	173
Central Visayas	29	15	13	11	11
Eastern Visayas	16	16	15	14	14
Zamboanga Peninsula	18	19	17	15	14
Northern Mindanao					
Davao Region	95	91	85	86	86
SOCCSKSARGEN	6	5	5	3	2
Caraga	2	2	3	3	2
ARMM	137	138	141	147	147
Area (Ha)					
PHILIPPINES	**1,607**	**1,572**	**1,510**	**1,492**	**1,444**
CAR	16	16	16	16	16
Ilocos Region					
Cagayan Valley	34	34	36	36	39
Central Luzon	2	2	2	2	2
CALABARZON	314	301	247	236	208
MIMAROPA	147	146	145	142	133
Bicol Region	12	11	10	10	8
Western Visayas	295	295	295	295	291
Central Visayas	50	45	45	40	38
Eastern Visayas	21	20	20	19	17
Zamboanga Peninsula	39	33	31	24	21
Northern Mindanao					
Davao Region	85	77	72	72	72
SOCCSKSARGEN	4	4	3	3	2
Caraga	2	2	2	2	2
ARMM	586	586	586	595	595
Yield Per Hectare (mt)					
PHILIPPINES	**0.52**	**0.50**	**0.45**	**0.45**	**0.46**
CAR	1.18	1.14	1.12	1.11	1.09
Ilocos Region					
Cagayan Valley	0.26	0.29	0.29	0.30	0.29
Central Luzon	1.60	1.50	1.60	1.62	1.68
CALABARZON	0.83	0.78	0.61	0.62	0.66
MIMAROPA	0.36	0.35	0.31	0.30	0.28
Bicol Region	0.42	0.43	0.45	0.46	0.56
Western Visayas	0.61	0.60	0.58	0.57	0.59
Central Visayas	0.59	0.33	0.29	0.28	0.28
Eastern Visayas	0.78	0.80	0.73	0.75	0.81
Zamboanga Peninsula	0.47	0.57	0.55	0.64	0.65
Northern Mindanao					
Davao Region	1.12	1.18	1.18	1.20	1.20
SOCCSKSARGEN	1.44	1.24	1.51	0.92	1.13
Caraga	0.85	1.00	1.50	1.58	0.84
ARMM	0.23	0.24	0.24	0.25	0.25

Table 4.5.3a COFFEE LIBERICA: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
BEARING TREES (no.)					
PHILIPPINES	**1,051,120**	**1,025,886**	**992,237**	**980,529**	**951,038**
CAR	14,973	14,729	14,659	14,590	13,468
Ilocos Region					
Cagayan Valley	23,437	23,415	24,215	24,165	24,765
Central Luzon	1,700	1,500	1,616	1,616	1,647
CALABARZON	146,381	134,795	109,212	101,302	82,621
MIMAROPA	61,142	60,575	60,570	59,187	56,575
Bicol Region	6,074	5,467	4,970	4,970	3,976
Western Visayas	163,659	163,659	163,609	163,579	161,913
Central Visayas	31,500	27,000	24,800	21,500	19,000
Eastern Visayas	6,910	6,578	6,250	5,925	5,897
Zamboanga Peninsula	9,746	8,395	7,961	7,011	5,390
Northern Mindanao					
Davao Region	81,118	75,353	70,755	70,750	70,750
SOCCSKSARGEN	3,010	2,950	2,350	2,300	1,532
Caraga	1,650	1,650	1,450	1,480	1,350
ARMM	499,820	499,820	499,820	502,154	502,154
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**654**	**653**	**657**	**657**	**659**
CAR	936	921	916	912	842
Ilocos Region					
Cagayan Valley	689	689	673	671	635
Central Luzon	850	750	808	808	824
CALABARZON	466	448	442	429	397
MIMAROPA	416	415	418	418	425
Bicol Region	506	497	497	497	497
Western Visayas	555	555	555	555	556
Central Visayas	630	600	551	538	500
Eastern Visayas	329	329	313	312	347
Zamboanga Peninsula	252	254	261	292	254
Northern Mindanao					
Davao Region	954	979	983	983	983
SOCCSKSARGEN	753	738	783	767	766
Caraga	825	825	725	740	675
ARMM	853	853	853	844	844
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**0.79**	**0.76**	**0.69**	**0.69**	**0.69**
CAR	1.26	1.23	1.22	1.21	1.30
Ilocos Region					
Cagayan Valley	0.37	0.43	0.43	0.45	0.46
Central Luzon	1.88	2.00	1.98	2.00	2.03
CALABARZON	1.79	1.73	1.39	1.44	1.65
MIMAROPA	0.86	0.84	0.75	0.71	0.67
Bicol Region	0.84	0.87	0.91	0.92	1.13
Western Visayas	1.09	1.08	1.05	1.03	1.07
Central Visayas	0.94	0.55	0.53	0.52	0.56
Eastern Visayas	2.37	2.43	2.32	2.41	2.33
Zamboanga Peninsula	1.88	2.23	2.12	2.19	2.55
Northern Mindanao					
Davao Region	1.17	1.21	1.20	1.22	1.22
SOCCSKSARGEN	1.91	1.68	1.93	1.20	1.48
Caraga	1.03	1.21	2.07	2.13	1.24
ARMM	0.27	0.28	0.28	0.29	0.29

Table 4.5.4 COFFEE ROBUSTA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**75,174**	**74,453**	**70,122**	**70,112**	**69,350**
CAR	5,178	5,520	5,416	5,114	4,862
Ilocos Region	41	42	42	47	49
Cagayan Valley	396	661	673	689	699
Central Luzon	1,565	1,487	1,541	1,622	1,658
CALABARZON	8,740	8,581	7,611	7,957	7,937
MIMAROPA	94	97	105	110	111
Bicol Region	292	275	259	258	253
Western Visayas	4,952	4,868	4,725	4,650	4,780
Central Visayas	436	285	261	247	204
Eastern Visayas	57	55	52	107	93
Zamboanga Peninsula	506	520	524	542	552
Northern Mindanao	5,224	5,483	5,500	5,435	5,267
Davao Region	22,136	21,818	18,561	18,303	17,888
SOCCSKSARGEN	14,455	14,343	14,596	14,686	15,091
Caraga	3,460	2,744	2,747	2,830	2,499
ARMM	7,641	7,672	7,509	7,514	7,407
Area (Ha)					
PHILIPPINES	**93,280**	**92,186**	**91,592**	**91,148**	**91,181**
CAR	6,578	6,576	6,362	6,055	5,770
Ilocos Region	67	67	64	78	78
Cagayan Valley	1,900	1,884	1,886	1,886	1,889
Central Luzon	1,524	1,534	1,539	1,569	1,569
CALABARZON	11,644	11,610	11,381	11,347	11,267
MIMAROPA	563	560	563	563	562
Bicol Region	598	573	583	583	563
Western Visayas	7,983	7,983	7,971	8,001	7,984
Central Visayas	728	712	855	703	852
Eastern Visayas	98	97	97	102	92
Zamboanga Peninsula	624	625	625	617	593
Northern Mindanao	11,761	11,757	11,729	11,710	11,708
Davao Region	20,782	20,417	20,160	20,128	20,124
SOCCSKSARGEN	14,330	13,995	14,127	14,182	14,505
Caraga	4,423	4,120	3,850	3,850	3,850
ARMM	9,677	9,677	9,800	9,774	9,775
Yield Per Hectare (mt)					
PHILIPPINES	**0.81**	**0.81**	**0.77**	**0.77**	**0.76**
CAR	0.79	0.84	0.85	0.84	0.84
Ilocos Region	0.61	0.63	0.66	0.60	0.63
Cagayan Valley	0.21	0.35	0.36	0.37	0.37
Central Luzon	1.03	0.97	1.00	1.03	1.06
CALABARZON	0.75	0.74	0.67	0.70	0.70
MIMAROPA	0.17	0.17	0.19	0.19	0.20
Bicol Region	0.49	0.48	0.44	0.44	0.45
Western Visayas	0.62	0.61	0.59	0.58	0.60
Central Visayas	0.60	0.40	0.31	0.35	0.24
Eastern Visayas	0.58	0.57	0.54	1.05	1.01
Zamboanga Peninsula	0.81	0.83	0.84	0.88	0.93
Northern Mindanao	0.44	0.47	0.47	0.46	0.45
Davao Region	1.07	1.07	0.92	0.91	0.89
SOCCSKSARGEN	1.01	1.02	1.03	1.04	1.04
Caraga	0.78	0.67	0.71	0.74	0.65
ARMM	0.79	0.79	0.77	0.77	0.76

Table 4.5.4a COFFEE ROBUSTA: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2005-2009

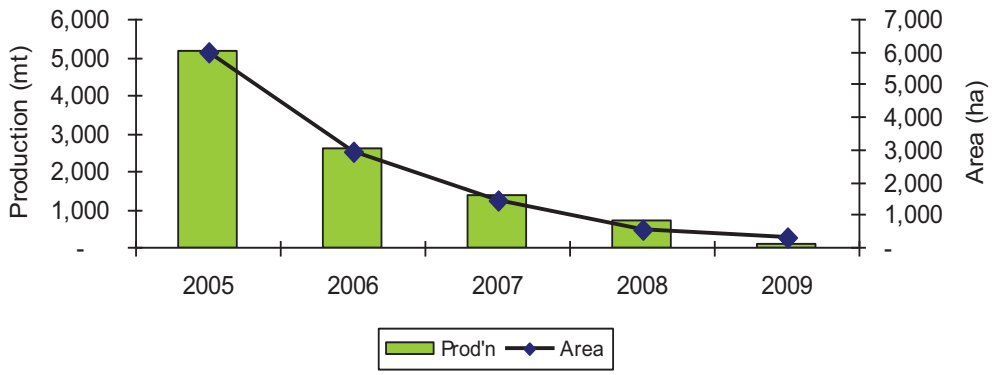
Region	2005	2006	2007	2008	2009
BEARING TREES (no.)					
PHILIPPINES	**68,027,895**	**67,428,907**	**64,685,812**	**64,350,923**	**64,018,201**
CAR	4,178,857	4,180,850	4,077,505	3,919,702	3,815,602
Ilocos Region	33,622	33,325	32,596	38,546	39,408
Cagayan Valley	1,262,723	1,214,960	1,216,368	1,216,235	1,216,935
Central Luzon	1,048,100	1,021,950	1,101,100	1,058,200	1,062,957
CALABARZON	11,915,056	11,959,380	9,413,530	9,362,830	9,351,196
MIMAROPA	192,650	191,041	191,085	194,487	203,005
Bicol Region	422,298	410,097	403,036	403,096	392,007
Western Visayas	5,058,390	5,057,898	5,035,890	5,032,588	5,023,987
Central Visayas	622,973	602,228	643,387	637,387	646,509
Eastern Visayas	58,948	58,396	58,218	61,567	58,491
Zamboanga Peninsula	324,909	376,342	371,335	370,235	368,634
Northern Mindanao	6,117,540	6,113,499	6,091,886	6,082,840	6,094,110
Davao Region	17,384,537	17,089,503	16,858,489	16,839,267	16,831,597
SOCCSKSARGEN	11,113,460	11,022,927	11,200,751	11,197,326	10,976,411
Caraga	2,756,925	2,558,625	2,391,650	2,391,700	2,391,700
ARMM	5,536,907	5,537,886	5,598,986	5,544,917	5,545,652
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**729**	**731**	**706**	**706**	**702**
CAR	635	636	641	647	661
Ilocos Region	502	501	509	492	506
Cagayan Valley	665	645	645	645	644
Central Luzon	688	666	715	674	677
CALABARZON	1,023	1,030	827	825	830
MIMAROPA	342	341	339	346	361
Bicol Region	706	716	691	691	696
Western Visayas	634	634	632	629	629
Central Visayas	856	846	752	907	759
Eastern Visayas	602	602	600	604	636
Zamboanga Peninsula	521	602	594	600	622
Northern Mindanao	520	520	519	519	521
Davao Region	837	837	836	837	836
SOCCSKSARGEN	776	788	793	790	757
Caraga	623	621	621	621	621
ARMM	572	572	571	567	567
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**1.11**	**1.10**	**1.08**	**1.09**	**1.08**
CAR	1.24	1.32	1.33	1.30	1.27
Ilocos Region	1.22	1.26	1.30	1.23	1.25
Cagayan Valley	0.31	0.54	0.55	0.57	0.57
Central Luzon	1.49	1.46	1.40	1.53	1.56
CALABARZON	0.73	0.72	0.81	0.85	0.85
MIMAROPA	0.49	0.51	0.55	0.56	0.54
Bicol Region	0.69	0.67	0.64	0.64	0.65
Western Visayas	0.98	0.96	0.94	0.92	0.95
Central Visayas	0.70	0.47	0.41	0.39	0.32
Eastern Visayas	0.96	0.95	0.90	1.73	1.59
Zamboanga Peninsula	1.56	1.38	1.41	1.46	1.50
Northern Mindanao	0.85	0.90	0.90	0.89	0.86
Davao Region	1.27	1.28	1.10	1.09	1.06
SOCCSKSARGEN	1.30	1.30	1.30	1.31	1.37
Caraga	1.26	1.07	1.15	1.18	1.04
ARMM	1.38	1.39	1.34	1.36	1.34

HIGHLIGHTS

COTTON

Cotton production in 2009 registered at 0.13 thousand mt which was the lowest since 2005. It was 82.73 percent lower than the 0.74 thousand mt in 2008 (Figure 1). The decline in output was attributed to the frequent rainfall that adversely affected the production areas in Negros Oriental and in the provinces of SOCCSKSARGEN.

Figure 1. Cotton: Production and Area, Philippines, 2005-2009



The top two (2) producing regions are SOCCSKSARGEN and Central Visayas. The regions contributed 43.9 percent and 43.3 percent, respectively, to the national production (Figure 2). The largest harvested area was in Central Visayas with 172 hectares while SOCCSKSARGEN had 119 hectares.

Over the period 2005 to 2009, production and area harvested of cotton were highest in 2005 at 5.16 thousand mt and 5.96 thousand hectares. From 2005 to 2009 production and area dropped significantly (Figure 1).

Figure 2. Cotton: Top Producing Regions, Philippines,2009

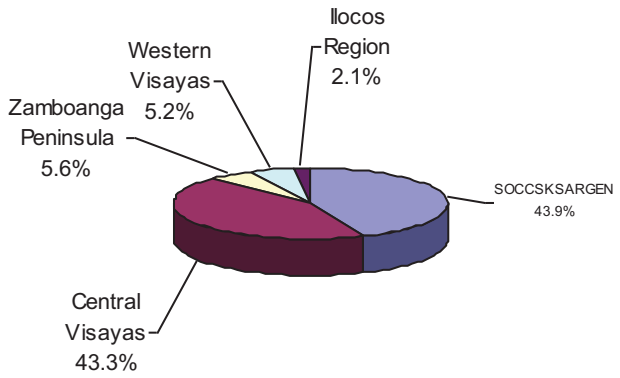


Table 4.6 COTTON: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

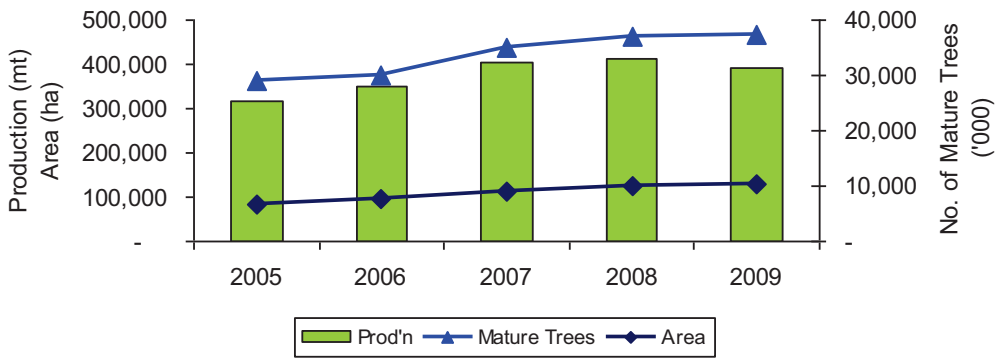
Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**5,157**	**2,640**	**1,360**	**738**	**127**
CAR					
Ilocos Region	214	71	9	6	3
Cagayan Valley					
Central Luzon	2	2	2	2	
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas	110	52	12	7	7
Central Visayas	147	111	92	72	55
Eastern Visayas					
Zamboanga Peninsula	24	28	21	17	7
Northern Mindanao					
Davao Region	246		23		
SOCCSKSARGEN	4,129	2,248	1,152	588	56
Caraga					
ARMM	285	128	50	45	
Area (Ha)					
PHILIPPINES	**5,956**	**2,906**	**1,426**	**538**	**310**
CAR					
Ilocos Region	188	107	6	4	3
Cagayan Valley					
Central Luzon	3	2	2	2	
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas	87	59	15	24	14
Central Visayas	212	190	180	172	172
Eastern Visayas					
Zamboanga Peninsula	98	31	17	2	2
Northern Mindanao					
Davao Region	300	52	63		
SOCCSKSARGEN	4,788	2,185	1,045	239	119
Caraga					
ARMM	280	280	98	94	
Yield Per Hectare (mt)					
PHILIPPINES	**0.87**	**0.91**	**0.95**	**1.37**	**0.41**
CAR					
Ilocos Region	1.14	0.67	1.36	1.36	1.06
Cagayan Valley					
Central Luzon	0.67	1.10	1.10	1.10	
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas	1.26	0.88	0.81	0.31	0.47
Central Visayas	0.69	0.58	0.51	0.42	0.32
Eastern Visayas					
Zamboanga Peninsula	0.25	0.91	1.22	8.72	3.58
Northern Mindanao					
Davao Region	0.82		0.37		
SOCCSKSARGEN	0.86	1.03	1.10	2.46	0.47
Caraga					
ARMM	1.02	0.46	0.51	0.48	

HIGHLIGHTS

RUBBER

Rubber production went up by 5.50 percent yearly from 315.64 thousand mt in 2005 to 390.96 thousand mt in 2009 (Figure 1). In 2008, the high price of natural rubber and the support of the Local Government Units (LGUs) motivated farmers to tap more trees in the major producing regions of Zamboanga Peninsula and SOCCSKSARGEN resulting to a high output of 411.04 thousand mt. However, in 2009, production went down by 4.89 percent due to low price. From 2005 to 2009, area planted increased by 11.88 percent and number of mature trees grew by 6.30 percent.

Figure 1.Rubber: Production, Area and Number of Mature Trees, Philippine, 2005-2009



In 2009, the combined output of the top two (2) producing regions of Zamboanga Peninsula and SOCCSKSARGEN comprised 82 percent of the national rubber production (Figure 2). Their combined area and number of mature trees accounted for 68.85 percent and 80.60 percent of the national totals, respectively.

Figure 2. Rubber: Top Producing Regions, Philippines, 2009

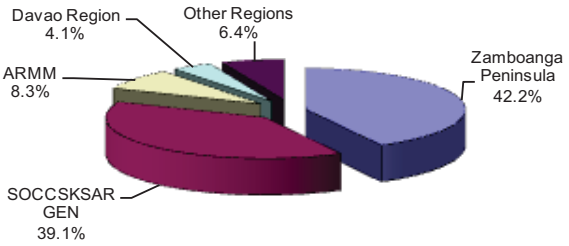


Table 4.7 RUBBER: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**315,636**	**351,556**	**404,072**	**411,044**	**390,962**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	82	261	4	13	15
MIMAROPA	14	15	15	16	20
Bicol Region					
Western Visayas					
Central Visayas					
Eastern Visayas					
Zamboanga Peninsula	145,873	152,357	175,054	173,715	164,830
Northern Mindanao	9,693	10,156	10,183	10,079	10,169
Davao Region	15,878	16,036	16,376	16,181	15,844
SOCCSKSARGEN	100,423	129,995	157,134	164,005	152,963
Caraga	16,604	14,757	15,420	15,540	14,686
ARMM	27,068	27,979	29,884	31,494	32,435
Area (Ha)					
PHILIPPINES	**81,925**	**94,347**	**110,972**	**123,260**	**128,337**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	216	227	227	227	227
MIMAROPA	42	45	50	50	400
Bicol Region					
Western Visayas					
Central Visayas		14	14	14	495
Eastern Visayas					
Zamboanga Peninsula	34,066	41,548	42,133	54,250	57,127
Northern Mindanao	4,491	4,425	4,535	4,567	4,567
Davao Region	6,291	6,220	6,196	6,267	6,411
SOCCSKSARGEN	23,284	28,129	31,078	31,195	31,235
Caraga	5,435	5,434	5,546	5,546	5,941
ARMM	8,100	8,305	21,193	21,144	21,934
Yield Per Hectare (mt)					
PHILIPPINES	**3.85**	**3.73**	**3.64**	**3.33**	**3.05**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	0.38	1.15	0.02	0.06	0.06
MIMAROPA	0.34	0.33	0.31	0.32	0.05
Bicol Region					
Western Visayas					
Central Visayas					
Eastern Visayas					
Zamboanga Peninsula	4.28	3.67	4.15	3.20	2.89
Northern Mindanao	2.16	2.30	2.25	2.21	2.23
Davao Region	2.52	2.58	2.64	2.58	2.47
SOCCSKSARGEN	4.31	4.62	5.06	5.26	4.90
Caraga	3.06	2.72	2.78	2.80	2.47
ARMM	3.34	3.37	1.41	1.49	1.48

Table 4.7a RUBBER: NUMBER OF MATURE TREES, PLANTING DENSITY AND YIELD PER MATURE TREE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
MATURE TREES (no.)					
PHILIPPINES	**29,147,736**	**30,123,884**	**35,030,731**	**37,030,656**	**37,212,359**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	21,010	52,200	50,650	50,650	51,580
MIMAROPA	31,250	31,500	31,500	32,500	33,100
Bicol Region					
Western Visayas					
Central Visayas					
Eastern Visayas					
Zamboanga Peninsula	12,307,476	12,506,176	16,070,604	17,129,782	17,180,770
Northern Mindanao	418,322	411,326	411,326	763,833	765,053
Davao Region	1,345,383	1,305,752	1,284,946	1,298,001	1,295,976
SOCCSKSARGEN	10,436,330	11,221,284	12,432,240	12,791,310	12,812,705
Caraga	2,464,415	2,468,415	2,466,415	2,466,225	2,466,525
ARMM	2,123,550	2,127,231	2,283,050	2,498,355	2,606,650
MATURE TREES/Ha					
PHILIPPINES	**356**	**319**	**316**	**300**	**290**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	97	230	223	224	227
MIMAROPA	744	700	630	650	83
Bicol Region					
Western Visayas					
Central Visayas					
Eastern Visayas					
Zamboanga Peninsula	361	301	381	316	301
Northern Mindanao	93	93	91	167	168
Davao Region	214	210	207	207	202
SOCCSKSARGEN	448	399	400	410	410
Caraga	453	454	445	445	415
ARMM	262	256	108	118	119
YIELD PER MATURE TREE (kg)					
PHILIPPINES	**10.83**	**11.67**	**11.53**	**11.10**	**10.51**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	3.91	4.99	0.08	0.26	0.29
MIMAROPA	0.46	0.47	0.49	0.49	0.60
Bicol Region					
Western Visayas					
Central Visayas					
Eastern Visayas					
Zamboanga Peninsula	11.85	12.18	10.89	10.14	9.59
Northern Mindanao	23.17	24.69	24.76	13.20	13.29
Davao Region	11.80	12.28	12.74	12.47	12.23
SOCCSKSARGEN	9.62	11.58	12.64	12.82	11.94
Caraga	6.74	5.98	6.25	6.30	5.95
ARMM	12.75	13.15	13.09	12.61	12.44

HIGHLIGHTS

SUGARCANE

Sugarcane production registered an annual growth of 0.02 percent from 2005 to 2009 (Figure 1). In 2009, production was 22.93 million mt which was lower by 13.79 percent compared to the 2008 output of 26.60 million mt. The decrease was attributed to insufficient application of fertilizer in Capiz, Negros Occidental and Cebu, and the adverse effects of typhoon Frank in the Visayas that contributed to lower yields.

Figure 1.Sugarcane: Production and Area, Philippines,2005-2009

In 2009, Western Visayas was the largest producer sharing 12.47 million mt or 54.4 percent in the total sugarcane production (Figure 2). Also, the region had also the largest area harvested of 194.40 thousand hectares contributing 48.11 percent to the national total (Table 4.8).

Figure 2. Sugarcane: Top Producing Regions, Philippines, 2009

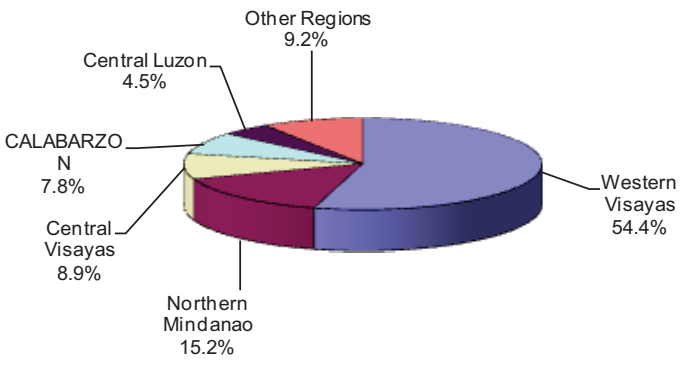


Table 4.8 SUGARCANE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

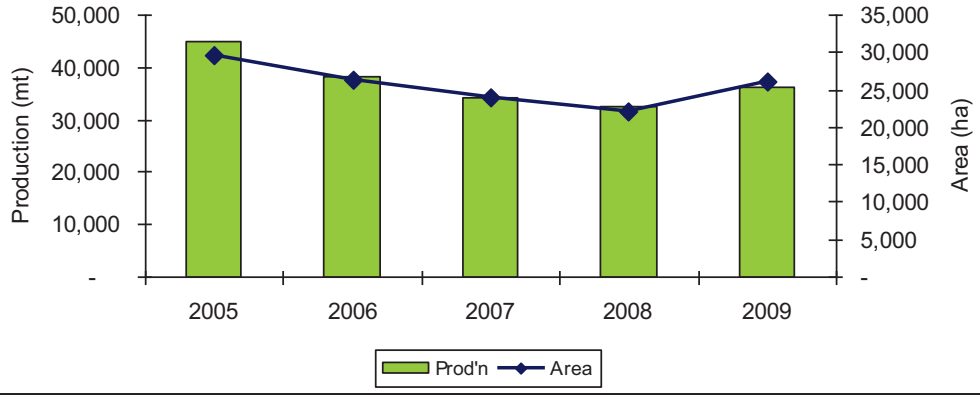
Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**22,917,674**	**24,345,106**	**22,235,297**	**26,601,384**	**22,932,819**
CAR	9,315	9,498	9,564	9,842	10,215
Ilocos Region	18,534	18,784	19,001	19,022	20,041
Cagayan Valley	222,029	246,278	260,558	263,371	202,232
Central Luzon	1,202,298	1,065,434	899,692	1,321,301	1,034,084
CALABARZON	1,765,611	2,046,536	2,197,814	2,457,833	1,791,746
MIMAROPA					
Bicol Region	284,065	298,460	246,222	319,989	246,343
Western Visayas	13,072,226	13,416,415	11,494,675	13,770,505	12,469,613
Central Visayas	2,079,900	2,544,100	2,895,476	2,905,399	2,035,675
Eastern Visayas	499,595	533,863	400,743	553,088	406,876
Zamboanga Peninsula	609	576	487	421	405
Northern Mindanao	2,875,321	3,100,493	2,559,587	3,421,408	3,493,130
Davao Region	358,907	501,087	616,195	574,492	524,686
SOCCSKSARGEN	495,563	537,014	576,349	926,417	653,062
Caraga	21	14	12	9	7
ARMM	33,681	26,555	58,922	58,285	44,704
Area (Ha)					
PHILIPPINES	**368,944**	**392,280**	**382,956**	**397,991**	**404,034**
CAR	149	149	151	153	171
Ilocos Region	439	438	437	432	455
Cagayan Valley	6,295	7,042	7,489	7,496	6,361
Central Luzon	18,656	16,970	16,361	19,352	17,597
CALABARZON	29,019	31,035	30,941	33,716	33,911
MIMAROPA					
Bicol Region	6,560	6,640	6,640	6,880	6,042
Western Visayas	187,152	196,408	192,352	192,580	194,398
Central Visayas	37,867	41,067	41,283	46,283	46,817
Eastern Visayas	9,531	9,539	8,408	8,437	8,532
Zamboanga Peninsula	145	137	125	119	115
Northern Mindanao	52,531	59,384	53,230	57,170	64,028
Davao Region	9,837	12,477	13,616	10,097	11,197
SOCCSKSARGEN	9,635	10,450	10,755	14,325	13,508
Caraga	4	3	3	3	3
ARMM	1,124	539	1,164	949	899
Yield Per Hectare (mt)					
PHILIPPINES	**62.12**	**62.06**	**58.06**	**66.84**	**56.76**
CAR	62.52	63.74	63.34	64.33	59.74
Ilocos Region	42.26	42.93	43.45	44.03	44.07
Cagayan Valley	35.27	34.97	34.79	35.14	31.79
Central Luzon	64.45	62.78	54.99	68.28	58.76
CALABARZON	60.84	65.94	71.03	72.90	52.84
MIMAROPA					
Bicol Region	43.30	44.95	37.08	46.51	40.77
Western Visayas	69.85	68.31	59.76	71.51	64.14
Central Visayas	54.93	61.95	70.14	62.77	43.48
Eastern Visayas	52.42	55.96	47.66	65.55	47.69
Zamboanga Peninsula	4.19	4.20	3.91	3.55	3.53
Northern Mindanao	54.74	52.21	48.09	59.85	54.56
Davao Region	36.49	40.16	45.25	56.90	46.86
SOCCSKSARGEN	51.43	51.39	53.59	64.67	48.35
Caraga	5.58	3.97	3.47	2.69	2.27
ARMM	29.96	49.25	50.62	61.42	49.72

HIGHLIGHTS

TOBACCO

Tobacco production went down by an annual average rate of 7.89 percent from 45.09 thousand mt in 2005 to 32.47 thousand mt in 2008 (Figure 1). However, it rebounded in 2009 by posting a 36.38 thousand mt output which was 12.06 percent higher than the production in 2008. The increase resulted from the expansion in area harvested from 22.18 thousand hectares in 2008 to 26.10 thousand hectares in 2009 due to crop shifting from corn and onion in the major producing provinces of Ilocos Sur, La Union and Pangasinan. Burley tobacco farmers from Ilocos Norte, La Union, Tarlac and the provinces of Cagayan Valley were encouraged to produce more as they were assured of market by a cigarette manufacturing firm,.

Figure 1. Tobacco: Production and Area, Philippines, 2005-2009



In 2009, Ilocos Region remained as the top tobacco producer and contributed 66.9 percent to the national production (Figure 2).

The most preferred tobacco variety was Virginia tobacco which contributed 45.6 percent to the national output. Native variety shared 28.6 percent (Figure 2).

Figure 2. Tobacco: Top Producing Regions, Philippines, 2009

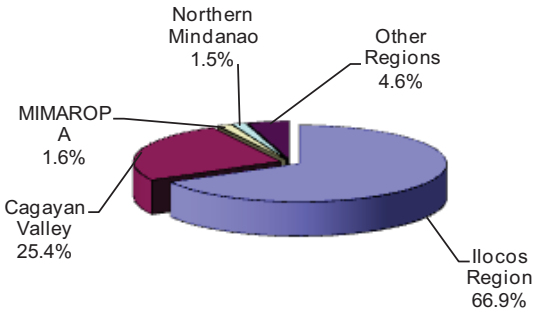
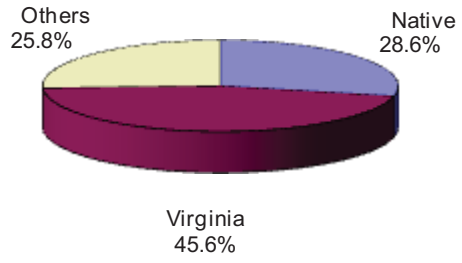


Figure 3. Tobacco: Percent Distribution by Variety, Philippines, 2009



The most preferred tobacco variety was Virginia tobacco which contributed 45.6 percent to the national output. Native variety shared 28.6 percent (Figure 2).

Table 4.9 TOBACCO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**45,093**	**38,368**	**34,289**	**32,466**	**36,383**
CAR	887	840	925	912	929
Ilocos Region	31,068	30,154	25,028	23,590	24,341
Cagayan Valley	10,076	3,855	7,048	6,328	9,239
Central Luzon	407	163	142	25	202
CALABARZON					
MIMAROPA	1,372	2,317	200	553	578
Bicol Region	9	10	11	9	7
Western Visayas	241	253	278	279	310
Central Visayas	137	61	23	19	18
Eastern Visayas	27	27	26	23	22
Zamboanga Peninsula	19	19	23	21	22
Northern Mindanao	587	442	375	528	560
Davao Region	25	25	25	24	23
SOCCSKSARGEN	70	70	70	60	57
Caraga	24	19	14	9	6
ARMM	145	113	100	85	70
Area (Ha)					
PHILIPPINES	**29,589**	**26,323**	**23,863**	**22,182**	**26,104**
CAR	2,047	2,047	2,048	2,021	2,018
Ilocos Region	18,732	18,756	15,619	14,596	17,064
Cagayan Valley	5,152	2,689	4,874	4,389	5,758
Central Luzon	930	200	200	35	100
CALABARZON					
MIMAROPA	756	1,123	168	254	268
Bicol Region	15	15	16	12	7
Western Visayas	152	166	178	172	185
Central Visayas	275	135	131	56	35
Eastern Visayas	54	53	52	50	48
Zamboanga Peninsula	40	39	41	34	33
Northern Mindanao	1,250	940	400	450	480
Davao Region	18	17	17	17	16
SOCCSKSARGEN	48	50	50	40	40
Caraga	21	19	20	10	7
ARMM	100	75	50	46	44
Yield Per Hectare (mt)					
PHILIPPINES	**1.52**	**1.46**	**1.44**	**1.46**	**1.39**
CAR	0.43	0.41	0.45	0.45	0.46
Ilocos Region	1.66	1.61	1.60	1.62	1.43
Cagayan Valley	1.96	1.43	1.45	1.44	1.60
Central Luzon	0.44	0.81	0.71	0.72	2.02
CALABARZON					
MIMAROPA	1.81	2.06	1.19	2.18	2.15
Bicol Region	0.59	0.68	0.67	0.75	0.97
Western Visayas	1.59	1.53	1.56	1.62	1.68
Central Visayas	0.50	0.45	0.18	0.34	0.52
Eastern Visayas	0.50	0.50	0.50	0.46	0.46
Zamboanga Peninsula	0.48	0.49	0.57	0.63	0.66
Northern Mindanao	0.47	0.47	0.94	1.17	1.17
Davao Region	1.41	1.46	1.50	1.42	1.46
SOCCSKSARGEN	1.45	1.41	1.41	1.51	1.41
Caraga	1.13	1.03	0.70	0.93	0.84
ARMM	1.45	1.51	1.99	1.85	1.58

Table 4.9.1 TOBACCO NATIVE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**12,593**	**6,715**	**8,158**	**10,047**	**10,416**
CAR	6	6	6	6	6
Ilocos Region	3,461	3,492	3,082	5,294	4,164
Cagayan Valley	7,815	2,173	4,118	3,688	5,150
Central Luzon					
CALABARZON					
MIMAROPA	32	9	8	3	3
Bicol Region	9	10	11	9	7
Western Visayas	241	253	278	279	310
Central Visayas	134	58	21	18	17
Eastern Visayas	27	27	26	23	22
Zamboanga Peninsula	19	19	23	21	22
Northern Mindanao	587	442	375	528	560
Davao Region	25	25	25	24	23
SOCCSKSARGEN	70	70	70	60	57
Caraga	24	19	14	9	6
ARMM	145	113	100	85	70
Area (Ha)					
PHILIPPINES	**8,028**	**5,429**	**5,980**	**6,969**	**6,684**
CAR	10	8	9	9	7
Ilocos Region	2,285	2,411	2,020	3,320	2,600
Cagayan Valley	3,725	1,496	2,991	2,750	3,180
Central Luzon					
CALABARZON					
MIMAROPA	40	9	8	4	3
Bicol Region	15	15	16	12	7
Western Visayas	152	166	178	172	185
Central Visayas	271	131	129	55	34
Eastern Visayas	54	53	52	50	48
Zamboanga Peninsula	40	39	41	34	33
Northern Mindanao	1,250	940	400	450	480
Davao Region	18	17	17	17	16
SOCCSKSARGEN	48	50	50	40	40
Caraga	21	19	20	10	7
ARMM	100	75	50	46	44
Yield Per Hectare (mt)					
PHILIPPINES	**1.57**	**1.24**	**1.36**	**1.44**	**1.56**
CAR	0.58	0.72	0.64	0.63	0.79
Ilocos Region	1.51	1.45	1.53	1.59	1.60
Cagayan Valley	2.10	1.45	1.38	1.34	1.62
Central Luzon					
CALABARZON					
MIMAROPA	0.81	0.96	1.00	0.86	0.87
Bicol Region	0.59	0.68	0.67	0.75	0.97
Western Visayas	1.59	1.53	1.56	1.62	1.68
Central Visayas	0.49	0.44	0.17	0.32	0.50
Eastern Visayas	0.50	0.50	0.50	0.46	0.46
Zamboanga Peninsula	0.48	0.49	0.57	0.63	0.66
Northern Mindanao	0.47	0.47	0.94	1.17	1.17
Davao Region	1.41	1.46	1.50	1.42	1.46
SOCCSKSARGEN	1.45	1.41	1.41	1.51	1.41
Caraga	1.13	1.03	0.70	0.93	0.84
ARMM	1.45	1.51	1.99	1.85	1.58

Table 4.9.2 TOBACCO VIRGINIA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**20,899**	**19,407**	**19,737**	**15,125**	**16,578**
CAR	881	833	919	905	922
Ilocos Region	20,015	18,570	18,816	14,218	15,655
Cagayan Valley					
Central Luzon					
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas					
Central Visayas	4	3	2	2	1
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao					
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					
Area (Ha)					
PHILIPPINES	**14,746**	**14,508**	**14,206**	**11,457**	**14,502**
CAR	2,036	2,038	2,038	2,011	2,010
Ilocos Region	12,707	12,467	12,166	9,445	12,491
Cagayan Valley					
Central Luzon					
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas					
Central Visayas	3	3	2	1	1
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao					
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**1.42**	**1.34**	**1.39**	**1.32**	**1.14**
CAR	0.43	0.41	0.45	0.45	0.46
Ilocos Region	1.58	1.49	1.55	1.51	1.25
Cagayan Valley					
Central Luzon					
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas					
Central Visayas	1.18	1.05	1.00	1.69	1.42
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao					
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					

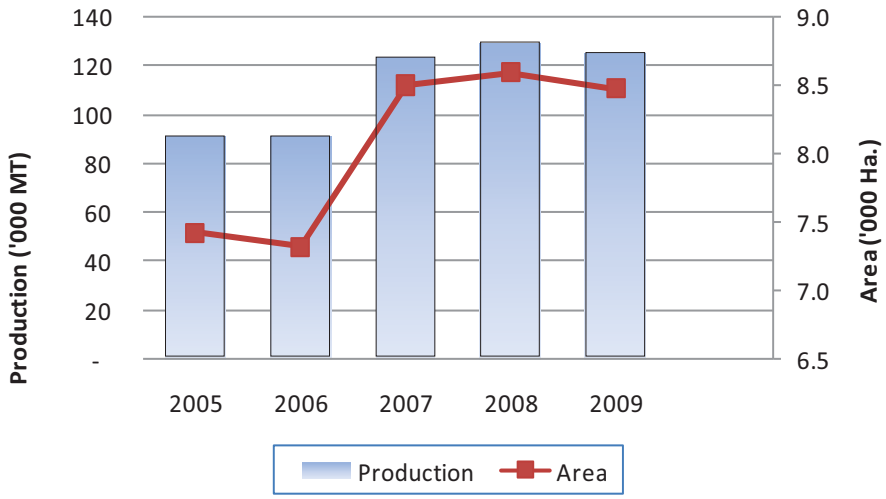
D. VEGETABLES, ROOT CROPS and TUBERS

HIGHLIGHTS

CABBAGE

In 2005 to 2009, cabbage production increased at an average annual growth rate of 9.06 percent. This was mainly due to expansion in areas in the Cordilleras. In 2009, production was 124.71 thousand mt or 3.22 percent lower than the production of 128.87 thousand mt in 2008. Area harvested also decreased by 1.31 percent from 8.60 thousand hectares in 2008 to 8.48 thousand hectares in 2009 (Figure 1). The reductions in production and area were mainly due to the effects of heavy rainfall and strong winds brought by typhoons Ondoy and Pepeng in Benguet and Mt. Province during the second half of 2009.

Figure 1. Cabbage: Production and Area, Philippines, 2005-2009



The Cordillera Administrative Region (CAR) was consistently the top producer of cabbage with 99.16 thousand mt or almost 80 percent of the country's total production in 2009 (Figure 2). In the Visayas, Central Visayas led in cabbage production with 6.83 thousand mt. in Mindanao, the top two (2) producers were Northern Mindanao with almost 6.0 thousand mt and Davao Region with 4.47 thousand mt (Figure 1a).

Figure 1a. Cabbage: Top Producing Regions, Philippines, 20089

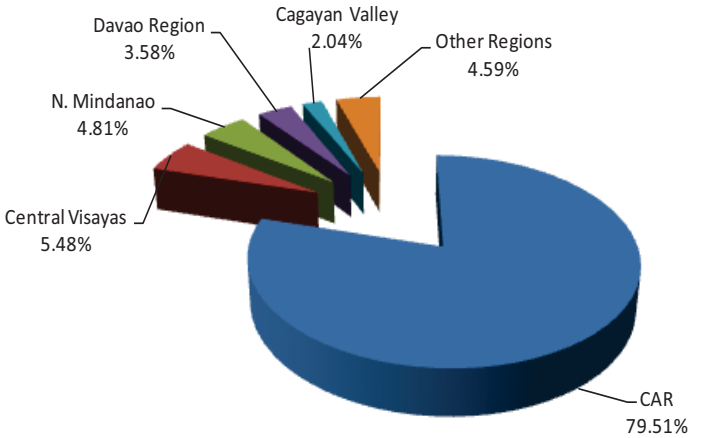


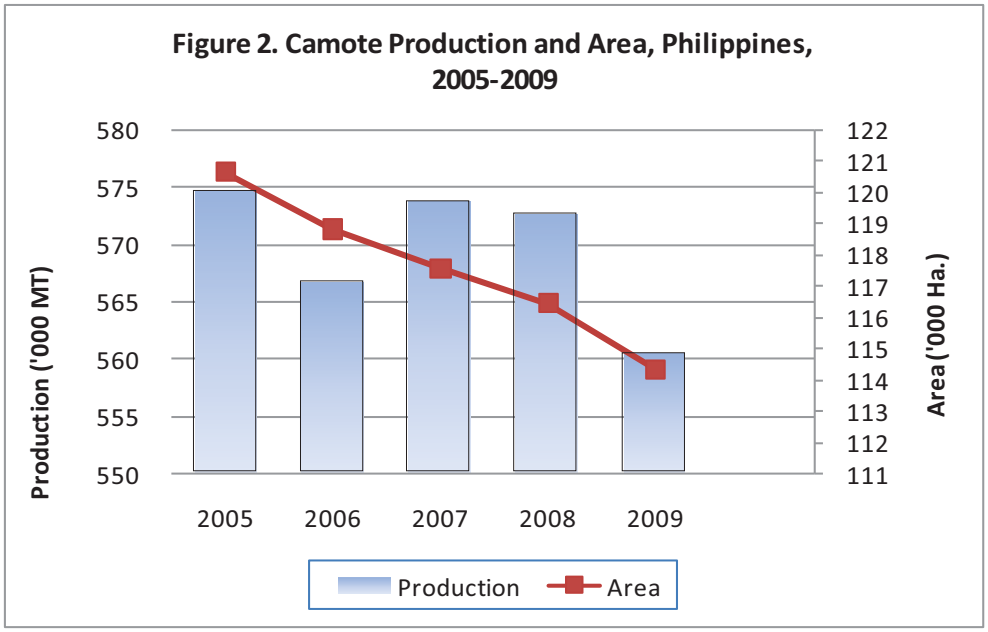
Table 5.1 CABBAGE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

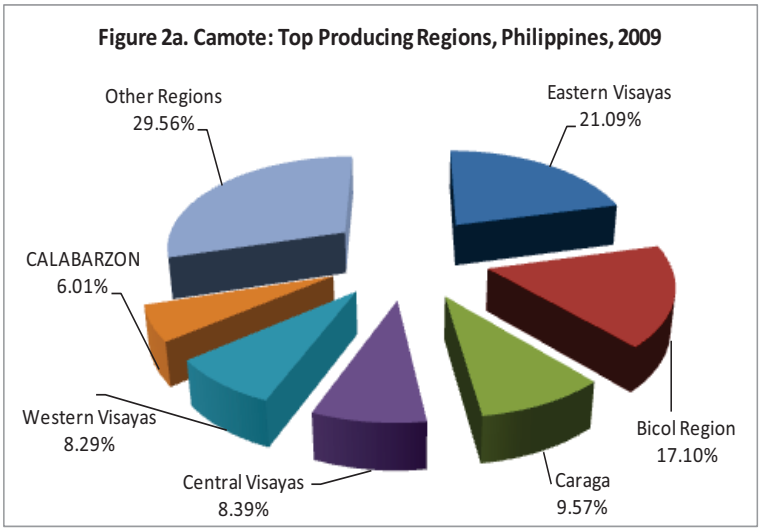
Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**91,439**	**91,243**	**123,443**	**128,865**	**124,712**
CAR	68,979	68,887	99,957	102,894	99,155
Ilocos Region	2,493	2,718	2,752	2,790	2,539
Cagayan Valley	849	1,053	1,440	1,436	1,390
Central Luzon			5		
CALABARZON	1,293	810	1,102	1,037	866
MIMAROPA	18	16	15	26	26
Bicol Region	410	410	333	332	301
Western Visayas	502	510	548	538	476
Central Visayas	5,713	5,846	6,251	6,524	6,828
Eastern Visayas	152	160	159	194	196
Zamboanga Peninsula	323	301	297	298	311
Northern Mindanao	2,891	3,052	3,567	5,581	5,995
Davao Region	5,293	5,100	4,661	4,850	4,468
SOCCSKSARGEN	1,481	1,397	1,437	1,498	1,483
Caraga	286	219	211	199	135
ARMM	757	764	709	671	544
Area (Ha)					
PHILIPPINES	**7,420**	**7,323**	**8,502**	**8,595**	**8,483**
CAR	4,356	4,368	5,520	5,536	5,435
Ilocos Region	391	382	371	367	342
Cagayan Valley	163	152	176	175	175
Central Luzon			2		
CALABARZON	183	110	131	123	127
MIMAROPA	9	7	6	11	12
Bicol Region	57	55	45	43	39
Western Visayas	66	66	71	70	65
Central Visayas	666	691	704	698	723
Eastern Visayas	25	27	27	33	35
Zamboanga Peninsula	96	95	93	100	109
Northern Mindanao	382	392	415	490	511
Davao Region	698	675	625	635	611
SOCCSKSARGEN	208	186	199	205	202
Caraga	42	38	38	35	21
ARMM	78	79	79	77	77
Yield Per Hectare (mt)					
PHILIPPINES	**12.32**	**12.46**	**14.52**	**14.99**	**14.70**
CAR	15.84	15.77	18.11	18.59	18.24
Ilocos Region	6.38	7.12	7.42	7.61	7.42
Cagayan Valley	5.21	6.93	8.18	8.20	7.97
Central Luzon			2.50		
CALABARZON	7.06	7.36	8.41	8.46	6.82
MIMAROPA	1.95	2.24	2.49	2.32	2.15
Bicol Region	7.19	7.45	7.48	7.71	7.71
Western Visayas	7.59	7.73	7.72	7.68	7.33
Central Visayas	8.58	8.46	8.88	9.34	9.44
Eastern Visayas	6.08	6.01	5.83	5.89	5.55
Zamboanga Peninsula	3.36	3.17	3.19	2.98	2.86
Northern Mindanao	7.56	7.78	8.60	11.40	11.72
Davao Region	7.58	7.56	7.46	7.64	7.31
SOCCSKSARGEN	7.12	7.50	7.21	7.31	7.35
Caraga	6.81	5.77	5.55	5.72	6.56
ARMM	9.71	9.67	8.97	8.71	7.06

HIGHLIGHTS

CAMOTE

Camote production fluctuated downward from 574.63 thousand mt in 2005 to 560.52 thousand mt in 2009. Area harvested also showed a downward trend from 120.64 thousand hectares in 2005 to 114.38 thousand hectares in 2009 (Figure 2). However, yield per hectare continuously increased from 4.76 mt in 2005 to 4.90 mt in 2009 registering an average annual growth rate of 3.0 percent (Table 5.2).





Eastern Visayas was the top producer in 2009 with 118.19 thousand mt or 21.09 percent of the national production (Figure 2a). The second largest producer was Bicol Region with 95.86 thousand mt, followed by Caraga with 53.66 thousand mt (Table 5.4). Their respective shares to the national camote output were 17.10 percent and 9.57 percent (Figure 2).

Table 5.2 CAMOTE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

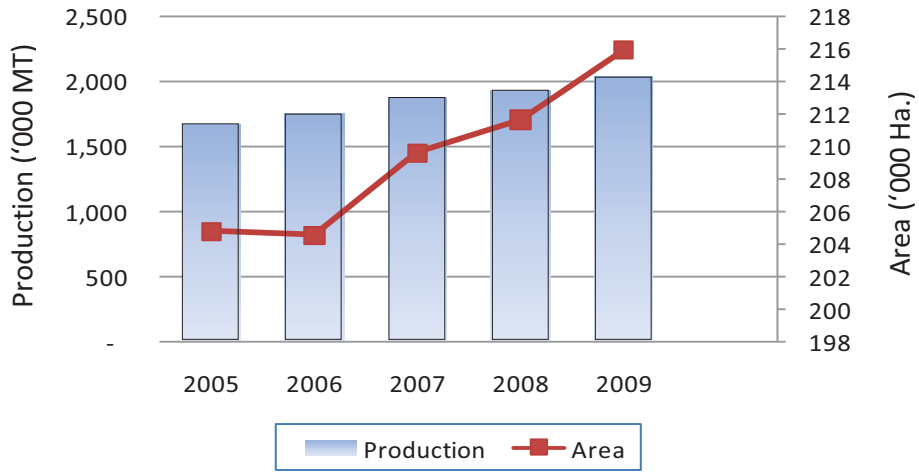
Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**574,629**	**566,773**	**573,734**	**572,655**	**560,516**
CAR	17,665	17,301	17,279	17,353	17,187
Ilocos Region	16,237	16,261	16,365	15,320	15,169
Cagayan Valley	19,291	17,037	16,575	15,886	13,574
Central Luzon	31,426	30,997	31,558	31,555	31,685
CALABARZON	42,588	40,133	40,169	37,190	33,684
MIMAROPA	12,130	12,219	12,121	12,553	12,662
Bicol Region	87,372	87,184	91,761	95,767	95,861
Western Visayas	46,712	47,162	46,298	44,600	46,447
Central Visayas	49,459	53,529	47,908	47,557	47,022
Eastern Visayas	116,814	116,858	119,601	118,067	118,185
Zamboanga Peninsula	10,701	10,837	10,782	10,205	9,854
Northern Mindanao	23,775	26,998	27,491	28,551	29,437
Davao Region	19,947	19,397	19,435	19,620	19,814
SOCCSKSARGEN	9,301	9,124	9,599	9,735	10,155
Caraga	65,112	55,573	60,719	62,383	53,656
ARMM	6,100	6,164	6,074	6,313	6,126
Area (Ha)					
PHILIPPINES	**120,638**	**118,829**	**117,584**	**116,465**	**114,380**
CAR	3,220	3,175	3,159	3,165	3,167
Ilocos Region	3,348	3,244	3,195	2,982	2,996
Cagayan Valley	2,838	2,685	2,395	2,305	2,127
Central Luzon	7,900	7,936	7,972	7,961	8,003
CALABARZON	4,701	4,571	4,567	4,019	4,000
MIMAROPA	2,505	2,505	2,475	2,491	2,501
Bicol Region	20,233	19,689	19,904	19,908	19,892
Western Visayas	6,766	6,903	6,775	6,575	6,750
Central Visayas	14,066	15,103	13,812	13,467	12,501
Eastern Visayas	25,938	25,998	26,054	26,095	26,126
Zamboanga Peninsula	3,165	3,138	3,095	3,121	3,106
Northern Mindanao	2,778	2,653	2,577	2,599	2,587
Davao Region	4,216	4,152	4,097	4,131	4,174
SOCCSKSARGEN	1,566	1,514	1,551	1,538	1,558
Caraga	14,873	13,048	13,428	13,568	12,323
ARMM	2,525	2,516	2,528	2,540	2,570
Yield Per Hectare (mt)					
PHILIPPINES	**4.76**	**4.77**	**4.88**	**4.92**	**4.90**
CAR	5.49	5.45	5.47	5.48	5.43
Ilocos Region	4.85	5.01	5.12	5.14	5.06
Cagayan Valley	6.80	6.35	6.92	6.89	6.38
Central Luzon	3.98	3.91	3.96	3.96	3.96
CALABARZON	9.06	8.78	8.80	9.25	8.42
MIMAROPA	4.84	4.88	4.90	5.04	5.06
Bicol Region	4.32	4.43	4.61	4.81	4.82
Western Visayas	6.90	6.83	6.83	6.78	6.88
Central Visayas	3.52	3.54	3.47	3.53	3.76
Eastern Visayas	4.50	4.49	4.59	4.52	4.52
Zamboanga Peninsula	3.38	3.45	3.48	3.27	3.17
Northern Mindanao	8.56	10.18	10.67	10.99	11.38
Davao Region	4.73	4.67	4.74	4.75	4.75
SOCCSKSARGEN	5.94	6.03	6.19	6.33	6.52
Caraga	4.38	4.26	4.52	4.60	4.35
ARMM	2.42	2.45	2.40	2.49	2.38

HIGHLIGHTS

CASSAVA

Cassava production grew at an annual rate of 5.06 percent from 2005 to 2009, from 1.68 million mt to 2.04 million mt (Figure 3). The output gain was traced to the continuous expansion of contract growing areas, particularly, in Bohol, Negros Oriental, Bukidnon and the Misamis provinces. The presence of cassava chips traders encouraged farmers to increase their cassava areas in Northern Mindanao, Lanao del sur and Basilan. Moreover, the increasing demand for cassava for ethanol processing in Negros Oriental and continued support of LGUs for planting materials in Sulu motivated farmers to expand cassava production in these provinces. Average yield had continuously increased from 8.19 mt per hectare in 2005 to 9.46 mt per hectare in 2009 with an average annual growth of 4.37 percent.

Figure 3. Cassava: Production and Area, Philippines, 2005-2009



ARMM with 1.01 million mt of production in 2009 remained as the top producer (Table 5.3). It accounted for almost 50 percent of the country's total production in 2009 (Figure 3a). Northern Mindanao ranked second with share of 20 percent and Bicol Region with share of 6 percent.

Figure 3a. Cassava: Top Producing Regions, Philippines, 2009

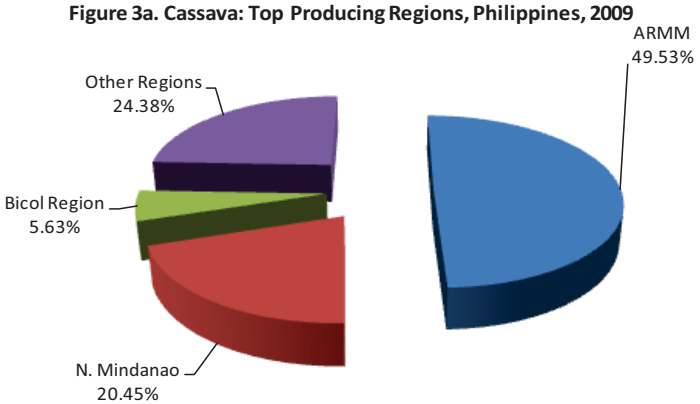


Table 5.3 CASSAVA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

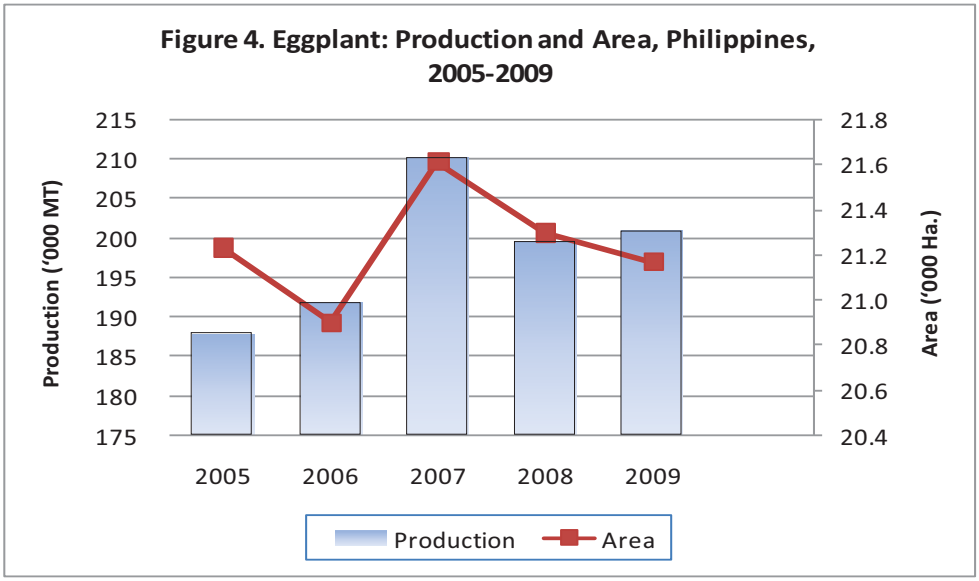
Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**1,677,564**	**1,756,856**	**1,871,138**	**1,941,574**	**2,043,719**
CAR	1,730	1,896	1,749	1,865	1,839
Ilocos Region	13,576	16,357	16,809	16,766	17,493
Cagayan Valley	31,975	31,156	30,475	30,864	38,545
Central Luzon	9,395	9,235	9,187	9,199	9,294
CALABARZON	71,505	65,754	63,969	60,141	54,787
MIMAROPA	8,909	8,911	9,413	10,618	11,531
Bicol Region	122,197	109,822	108,706	112,900	115,112
Western Visayas	57,508	57,104	61,559	59,710	60,966
Central Visayas	67,145	69,566	79,742	83,539	106,079
Eastern Visayas	70,623	71,159	72,867	72,792	73,194
Zamboanga Peninsula	26,861	27,567	29,038	30,598	30,416
Northern Mindanao	150,484	228,270	310,517	348,971	417,943
Davao Region	15,584	17,117	15,707	15,550	14,990
SOCCSKSARGEN	30,071	29,094	32,725	31,857	31,314
Caraga	49,234	48,362	50,801	52,662	47,886
ARMM	950,765	965,487	977,874	1,003,542	1,012,330
Area (Ha)					
PHILIPPINES	**204,784**	**204,578**	**209,633**	**211,657**	**215,933**
CAR	327	400	294	307	312
Ilocos Region	2,071	2,302	2,330	2,305	2,308
Cagayan Valley	2,642	2,583	2,494	2,559	3,090
Central Luzon	1,188	1,175	1,169	1,175	1,166
CALABARZON	9,404	8,960	8,775	8,243	8,150
MIMAROPA	2,226	2,222	2,248	2,330	2,378
Bicol Region	24,915	23,142	22,896	22,901	22,895
Western Visayas	6,467	6,460	6,765	6,597	6,665
Central Visayas	10,595	10,594	11,334	11,641	13,701
Eastern Visayas	23,152	23,194	23,207	23,243	23,390
Zamboanga Peninsula	6,326	6,431	6,609	7,228	7,098
Northern Mindanao	10,428	12,013	15,351	16,326	18,933
Davao Region	2,295	2,427	2,296	2,264	2,219
SOCCSKSARGEN	1,966	1,916	1,933	1,905	1,884
Caraga	8,390	8,361	8,518	8,562	7,631
ARMM	92,392	92,399	93,415	94,071	94,113
Yield Per Hectare (mt)					
PHILIPPINES	**8.19**	**8.59**	**8.93**	**9.17**	**9.46**
CAR	5.29	4.74	5.95	6.07	5.90
Ilocos Region	6.56	7.11	7.22	7.27	7.58
Cagayan Valley	12.10	12.06	12.22	12.06	12.47
Central Luzon	7.91	7.86	7.86	7.84	7.97
CALABARZON	7.60	7.34	7.29	7.30	6.72
MIMAROPA	4.00	4.01	4.19	4.56	4.85
Bicol Region	4.90	4.75	4.75	4.93	5.03
Western Visayas	8.89	8.84	9.10	9.05	9.15
Central Visayas	6.34	6.57	7.04	7.18	7.74
Eastern Visayas	3.05	3.07	3.14	3.13	3.13
Zamboanga Peninsula	4.25	4.29	4.39	4.23	4.29
Northern Mindanao	14.43	19.00	20.23	21.38	22.07
Davao Region	6.79	7.05	6.84	6.87	6.76
SOCCSKSARGEN	15.30	15.18	16.93	16.72	16.62
Caraga	5.87	5.78	5.96	6.15	6.27
ARMM	10.29	10.45	10.47	10.67	10.76

HIGHLIGHTS

EGGPLANT

Eggplant production fluctuated from 2005 to 2009. In 2009, production recovered from previous year's decline and inched up by 0.69 percent, from 199.58 thousand mt to 200.94 thousand mt (Figure 4). This was the result of the continued support in terms of HYV seeds from LGUs in Aklan and Guimaras through the Gulayan ng Masa Project. Increases in area harvested in Cagayan Valley and Batangas due to better local market demand was also reported. Yield per hectare increased from 9.37 mt in 2008 to 9.49 mt in 2009.

Figure 4. Eggplant: Production and Area, Philippines, 2005-2009



In 2009, Ilocos remained the top producer of eggplant with 70.10 thousand mt which accounted for 34.88 percent of total production in the country (Figure 4a). CALABARZON trailed second with an output of 33.40 thousand mt or 16.62 percent to the national output. Cagayan Valley followed with 19.89 thousand mt or 9.90 percent of the total.

Figure 4a. Eggplant: Top Producing Regions, Philippines, 2009

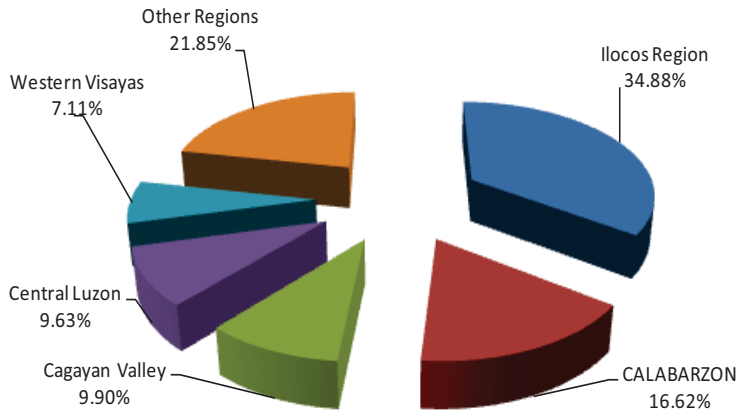


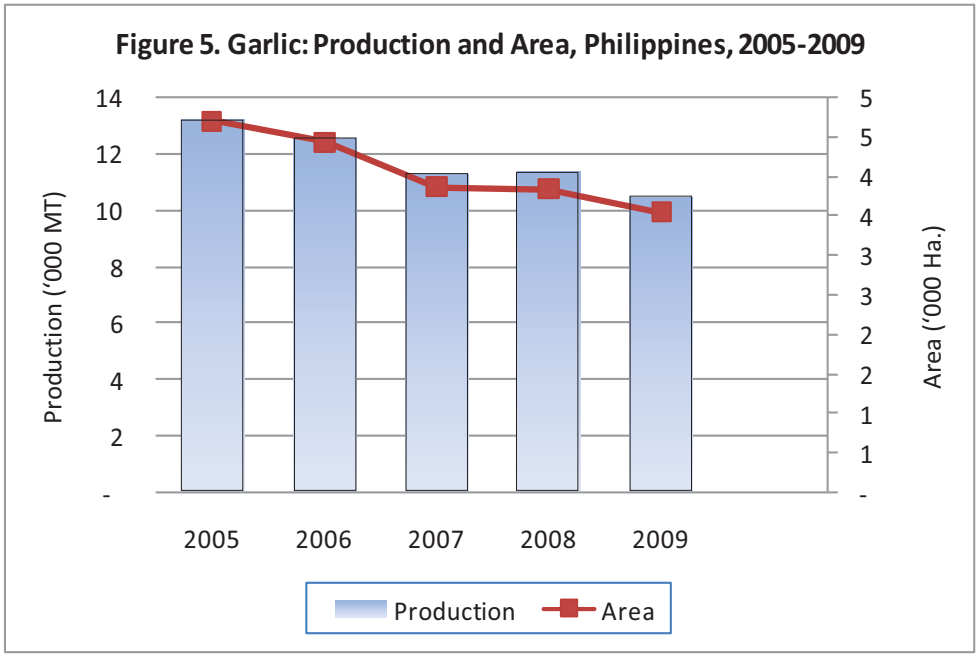
Table 5.4 EGGPLANT: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**187,793**	**191,911**	**210,156**	**199,579**	**200,942**
CAR	742	767	776	789	791
Ilocos Region	69,915	77,813	87,053	73,100	70,098
Cagayan Valley	16,842	15,190	18,626	19,335	19,894
Central Luzon	18,683	18,037	19,176	19,107	19,355
CALABARZON	32,044	28,716	30,423	32,213	33,396
MIMAROPA	2,409	2,262	2,213	2,354	2,346
Bicol Region	5,510	5,572	7,028	7,102	6,834
Western Visayas	12,397	13,038	14,385	13,486	14,289
Central Visayas	5,776	5,926	5,430	6,842	8,105
Eastern Visayas	2,178	2,159	2,252	2,219	2,224
Zamboanga Peninsula	1,729	1,768	1,745	1,752	1,781
Northern Mindanao	2,920	3,158	3,259	3,608	3,697
Davao Region	6,660	6,878	6,585	6,425	6,506
SOCCSKSARGEN	5,721	6,529	6,804	6,624	7,032
Caraga	3,674	3,499	3,793	4,006	3,996
ARMM	593	598	609	616	598
Area (Ha)					
PHILIPPINES	**21,233**	**20,901**	**21,613**	**21,299**	**21,170**
CAR	136	137	138	135	134
Ilocos Region	4,987	5,222	5,366	4,908	4,725
Cagayan Valley	1,921	1,904	1,939	1,960	1,917
Central Luzon	2,962	2,830	2,890	2,894	2,898
CALABARZON	1,992	1,607	1,731	1,762	1,712
MIMAROPA	947	915	897	919	926
Bicol Region	1,152	1,134	1,353	1,362	1,359
Western Visayas	1,412	1,404	1,459	1,384	1,428
Central Visayas	1,928	1,750	1,713	1,750	1,807
Eastern Visayas	330	332	338	339	340
Zamboanga Peninsula	487	529	527	532	530
Northern Mindanao	699	708	722	755	773
Davao Region	975	1,132	1,177	1,193	1,211
SOCCSKSARGEN	548	558	570	613	621
Caraga	546	530	574	579	571
ARMM	211	210	218	215	218
Yield Per Hectare (mt)					
PHILIPPINES	**8.84**	**9.18**	**9.72**	**9.37**	**9.49**
CAR	5.46	5.61	5.62	5.85	5.90
Ilocos Region	14.02	14.90	16.22	14.89	14.84
Cagayan Valley	8.77	7.98	9.61	9.86	10.38
Central Luzon	6.31	6.37	6.64	6.60	6.68
CALABARZON	16.09	17.87	17.58	18.28	19.51
MIMAROPA	2.55	2.47	2.47	2.56	2.53
Bicol Region	4.78	4.91	5.19	5.21	5.03
Western Visayas	8.78	9.29	9.86	9.74	10.01
Central Visayas	3.00	3.39	3.17	3.91	4.49
Eastern Visayas	6.60	6.50	6.65	6.55	6.54
Zamboanga Peninsula	3.55	3.34	3.31	3.29	3.36
Northern Mindanao	4.18	4.46	4.51	4.78	4.78
Davao Region	6.83	6.08	5.59	5.39	5.37
SOCCSKSARGEN	10.44	11.71	11.94	10.81	11.33
Caraga	6.73	6.60	6.61	6.92	6.99
ARMM	2.81	2.85	2.79	2.86	2.75

HIGHLIGHTS

GARLIC

Garlic production decreased continuously at an annual average rate of 5.63 percent from 2005 to 2009 (Figure 5). The continued downtrend in production was due to reported crop shifting to onion and tomato in Mindoro Occidental and to corn, tobacco and tomato in the Ilocos Region as farmers were unable to compete with the low-priced imported garlic in the market.



Ilocos was the leading garlic producer sharing 71.55 percent of the country's total production in 2009 (Figure 5a). MIMAROPA came next with 2.0 thousand mt or about 19 percent share to total production.

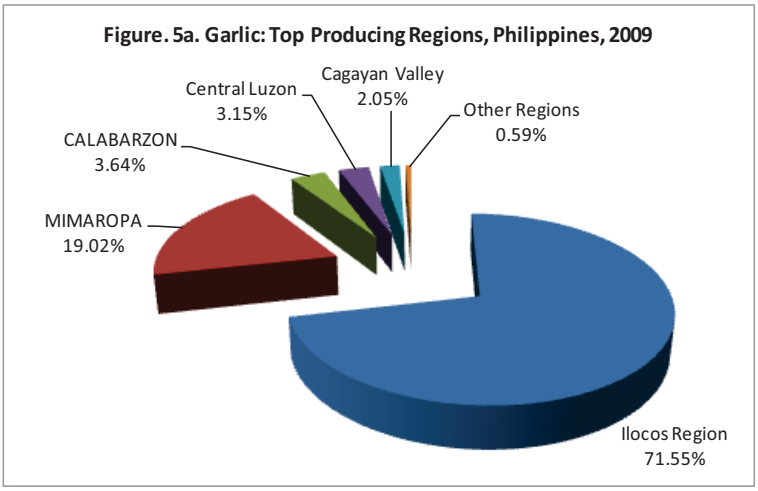


Table 5.5 GARLIC: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

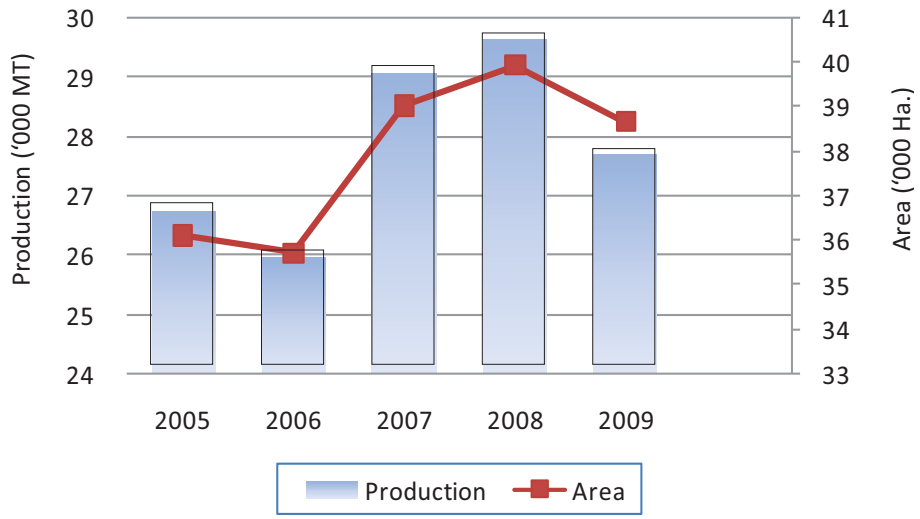
Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**13,234**	**12,581**	**11,285**	**11,348**	**10,451**
CAR	20	20	20	17	16
Ilocos Region	9,852	9,378	8,267	8,235	7,478
Cagayan Valley	156	153	220	218	214
Central Luzon	317	304	313	325	329
CALABARZON	660	617	465	439	380
MIMAROPA	2,110	2,001	1,912	2,049	1,988
Bicol Region	3	3	3	3	2
Western Visayas	102	98	81	60	40
Central Visayas	11	4			
Eastern Visayas	4	4	4	4	4
Zamboanga Peninsula					
Northern Mindanao					
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					
Area (Ha)					
PHILIPPINES	**4,704**	**4,448**	**3,863**	**3,849**	**3,552**
CAR	20	19	18	14	13
Ilocos Region	3,786	3,585	3,017	3,016	2,741
Cagayan Valley	69	64	74	64	57
Central Luzon	135	130	140	142	144
CALABARZON	126	117	93	86	86
MIMAROPA	535	506	499	512	498
Bicol Region	1	1	1	1	1
Western Visayas	25	21	18	14	10
Central Visayas	5	3	1		
Eastern Visayas	2	2	2	2	2
Zamboanga Peninsula					
Northern Mindanao					
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**2.81**	**2.83**	**2.92**	**2.95**	**2.94**
CAR	1.00	1.05	1.14	1.25	1.22
Ilocos Region	2.60	2.62	2.74	2.73	2.73
Cagayan Valley	2.26	2.39	2.98	3.40	3.76
Central Luzon	2.35	2.34	2.24	2.29	2.29
CALABARZON	5.24	5.28	5.00	5.13	4.41
MIMAROPA	3.94	3.95	3.83	4.00	3.99
Bicol Region	3.00	2.80	2.66	2.58	2.19
Western Visayas	4.07	4.65	4.50	4.25	4.00
Central Visayas	2.16	1.48			
Eastern Visayas	1.97	1.99	2.00	2.00	2.08
Zamboanga Peninsula					
Northern Mindanao					
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					

HIGHLIGHTS

MONGO

Mongo production fluctuated with an upward trend from 26.75 thousand mt in 2005 to 27.69 thousand mt in 2009. Area harvested also fluctuated (Figure 6). In 2009, production slid to 27.69 thousand mt or 6.5 percent below its 29.62 thousand mt level in 2008 (Figure 6). The decrease was due to the rains that affected mongo farms in the provinces of Davao del Sur, Davao del Norte, Compostela Valley and Maguindanao; and the regions of Ilocos and Cagayan Valley. In the same period, area harvested decreased to 38.66 thousand hectares from 39.92 thousand hectares. Yield per hectare registered at 0.74 mt in 2005 and 0.72 in 2009.

Figure 6. Mongo: Production and Area, Philippines, 2005-2009



Ilocos Region remained the largest producer with 11.29 thousand mt or 40.78 percent of the country's total mongo production in 2009. Cagayan Valley ranked as second largest producer with 3.69 thousand mt or 13.33 percent of the total production; followed by Western Visayas, 3.34 thousand mt or 12.04 percent share; and ARMM, 2.80 thousand mt production or 10.11 percent share to the total production (Figure 6a).

Figure 6a. Mongo: Top Producing Regions, Philippines, 2009

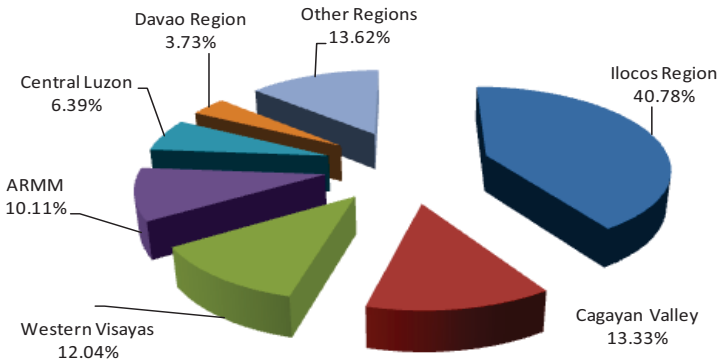


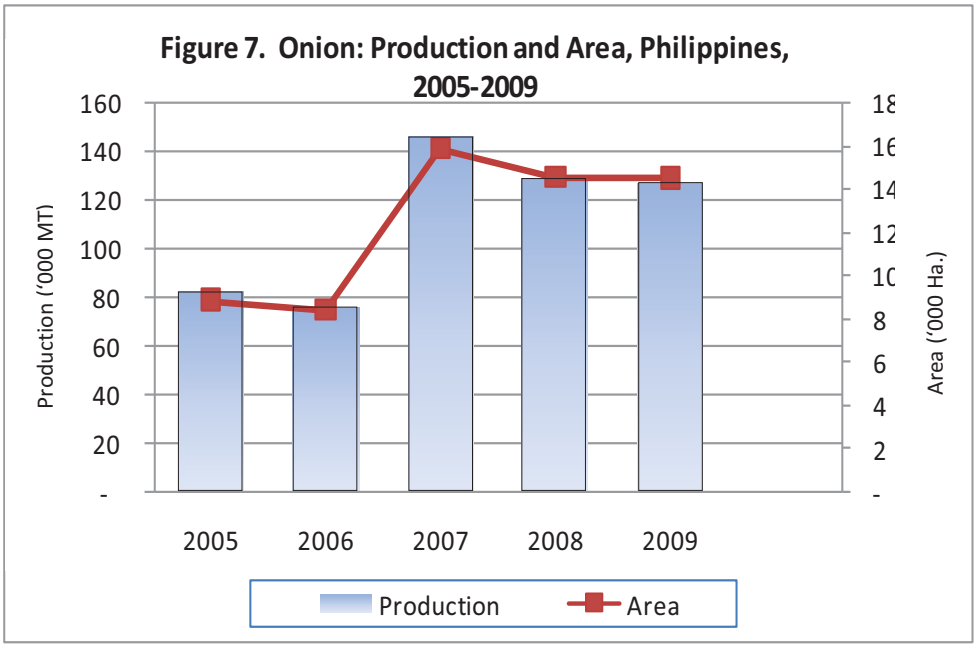
Table 5.6 MONGO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**26,748**	**25,952**	**29,067**	**29,617**	**27,694**
CAR	123	126	143	142	139
Ilocos Region	11,046	11,592	11,767	11,342	11,293
Cagayan Valley	3,277	1,574	3,399	4,957	3,692
Central Luzon	2,058	2,134	2,224	2,275	2,299
CALABARZON	252	211	192	171	157
MIMAROPA	520	515	528	560	591
Bicol Region	140	134	164	164	159
Western Visayas	2,599	3,071	4,463	3,727	3,335
Central Visayas	817	720	644	739	691
Eastern Visayas	272	271	272	273	280
Zamboanga Peninsula	277	250	226	249	238
Northern Mindanao	316	343	349	347	372
Davao Region	1,118	1,093	1,055	1,032	1,033
SOCCSKSARGEN	588	584	535	511	520
Caraga	153	152	122	123	93
ARMM	3,193	3,183	2,985	3,005	2,801
Area (Ha)					
PHILIPPINES	**36,115**	**35,732**	**39,011**	**39,923**	**38,658**
CAR	149	150	175	172	172
Ilocos Region	10,842	11,124	11,030	10,628	10,610
Cagayan Valley	5,628	4,583	6,340	8,493	7,674
Central Luzon	2,994	3,012	3,091	3,080	3,088
CALABARZON	311	264	243	210	192
MIMAROPA	775	805	805	821	828
Bicol Region	254	237	267	262	258
Western Visayas	4,357	4,905	6,847	6,064	5,772
Central Visayas	2,078	1,934	1,758	1,916	1,844
Eastern Visayas	436	435	435	435	441
Zamboanga Peninsula	404	374	339	373	366
Northern Mindanao	478	491	493	491	502
Davao Region	1,552	1,549	1,540	1,536	1,520
SOCCSKSARGEN	725	752	676	634	647
Caraga	279	265	209	208	143
ARMM	4,853	4,852	4,765	4,602	4,600
Yield Per Hectare (mt)					
PHILIPPINES	**0.74**	**0.73**	**0.75**	**0.74**	**0.72**
CAR	0.82	0.84	0.82	0.83	0.81
Ilocos Region	1.02	1.04	1.07	1.07	1.06
Cagayan Valley	0.58	0.34	0.54	0.58	0.48
Central Luzon	0.69	0.71	0.72	0.74	0.74
CALABARZON	0.81	0.80	0.79	0.81	0.82
MIMAROPA	0.67	0.64	0.66	0.68	0.71
Bicol Region	0.55	0.56	0.61	0.63	0.62
Western Visayas	0.60	0.63	0.65	0.61	0.58
Central Visayas	0.39	0.37	0.37	0.39	0.37
Eastern Visayas	0.62	0.62	0.62	0.63	0.63
Zamboanga Peninsula	0.69	0.67	0.67	0.67	0.65
Northern Mindanao	0.66	0.70	0.71	0.71	0.74
Davao Region	0.72	0.71	0.69	0.67	0.68
SOCCSKSARGEN	0.81	0.78	0.79	0.81	0.80
Caraga	0.55	0.57	0.58	0.59	0.65
ARMM	0.66	0.66	0.63	0.65	0.61

HIGHLIGHTS

ONION

Onion production fluctuated with an upward trend from 82.02 thousand mt in 2005 to 128.92 thousand mt in 2008 at an average annual growth rate of 8.9 percent. In 2009, production went down to 127.06 thousand mt or 1.45 percent less than the 2008 production. This was due to the flooded onion farms in Pangasinan during the last quarter of 2009. Similarly, area harvested in 2009 went down to 14.53 thousand hectares or 0.37 percent lower than the 14.58 thousand hectares in 2008 (Figure 7). Yield per hectare also decreased to 8.75 mt in 2009 from 8.84 mt in 2008.



Central Luzon, Ilocos Region, and MIMAROPA remained as the country's top onion producers in 2009 (Figure 7a).

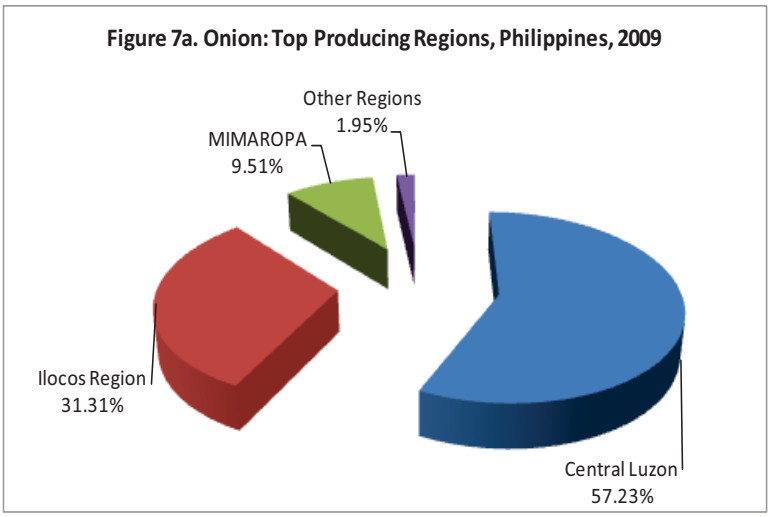


Table 5.7 ONION: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

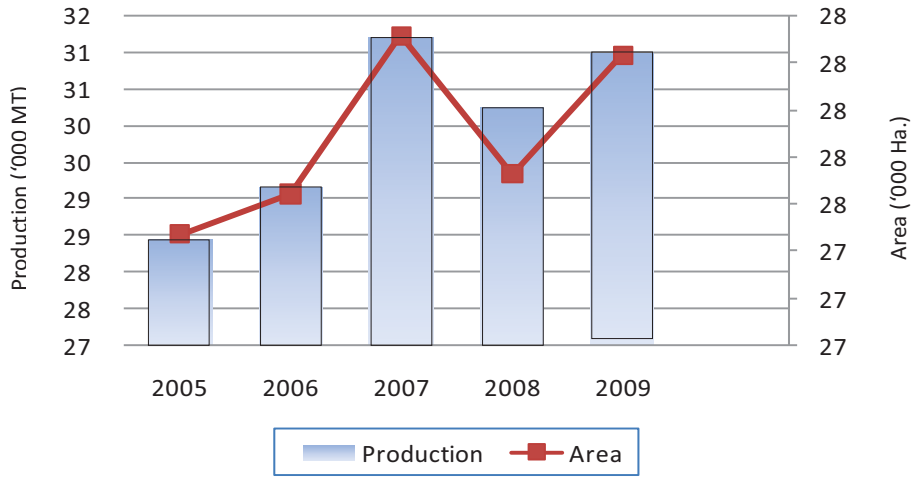
Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**82,019**	**75,978**	**146,108**	**128,923**	**127,055**
CAR					
Ilocos Region	42,744	44,053	46,198	42,988	39,780
Cagayan Valley	1,358	965	4,826	2,046	2,059
Central Luzon	37,209	30,021	77,868	70,302	72,719
CALABARZON	215	230	200	200	206
MIMAROPA	248	448	16,598	13,129	12,080
Bicol Region					
Western Visayas	121	184	367	217	176
Central Visayas	28	12			
Eastern Visayas					
Zamboanga Peninsula	16	16	16	16	16
Northern Mindanao	7				
Davao Region					
SOCCSKSARGEN	73	49	36	25	19
Caraga					
ARMM					
Area (Ha)					
PHILIPPINES	**8,884**	**8,442**	**15,879**	**14,579**	**14,526**
CAR					
Ilocos Region	4,961	4,840	4,930	4,837	4,618
Cagayan Valley	183	180	524	369	334
Central Luzon	3,527	3,169	8,294	7,667	7,973
CALABARZON	41	39	33	35	35
MIMAROPA	103	150	2,002	1,602	1,502
Bicol Region					
Western Visayas	24	33	73	48	44
Central Visayas	4	2			
Eastern Visayas					
Zamboanga Peninsula	17	17	17	18	18
Northern Mindanao	7				
Davao Region					
SOCCSKSARGEN	18	12	6	3	3
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**9.23**	**9.00**	**9.20**	**8.84**	**8.75**
CAR					
Ilocos Region	8.62	9.10	9.37	8.89	8.61
Cagayan Valley	7.42	5.36	9.21	5.54	6.16
Central Luzon	10.55	9.47	9.39	9.17	9.12
CALABARZON	5.24	5.93	6.05	5.79	5.89
MIMAROPA	2.41	2.98	8.29	8.20	8.04
Bicol Region					
Western Visayas	5.16	5.53	5.03	4.52	4.00
Central Visayas	6.92	5.88			
Eastern Visayas					
Zamboanga Peninsula	0.95	0.94	0.96	0.90	0.89
Northern Mindanao	1.03				
Davao Region					
SOCCSKSARGEN	4.06	4.10	5.63	7.86	6.80
Caraga					
ARMM					

HIGHLIGHTS

PEANUT

Peanut production fluctuated at an upward trend of 2 percent annually from 2005 to 2008. It recovered by 2.42 percent from 30.25 thousand mt in 2008 to 30.98 thousand mt in 2009. Area harvested increased to 28.24 thousand hectares in 2009 from 27.73 thousand hectares in 2008 (Figure 8). This year's positive performance was attributed to the sufficiency of rainfall that provided enough moisture to growing hybrid varieties in Cagayan and Ilocos regions. The absence of pest attacks in Cebu and lesser occurrence of rotten pods in Ilocos Sur also contributed to the increased output in 2009.

Figure 8. Peanut: Production and Area, Philippines, 2005-2009



Thirty eight (38) percent of the peanut produced in the country were from Ilocos Region (Figure 8a). The other top producing regions were Cagayan Valley (4.43 thousand mt), Northern Mindanao (3.05 thousand mt), Western Visayas (2.32 thousand mt) and Central Luzon (1.77 thousand mt) (Table 5.8).

Figure 8a. Peanut: Top Producing Regions, Philippines, 2009

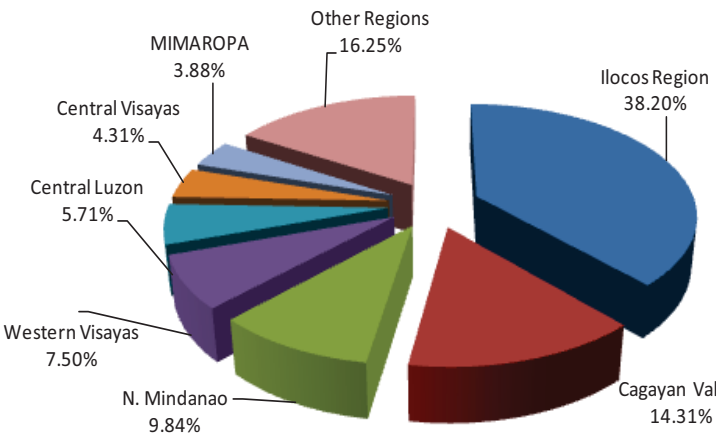


Table 5.8 PEANUT: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

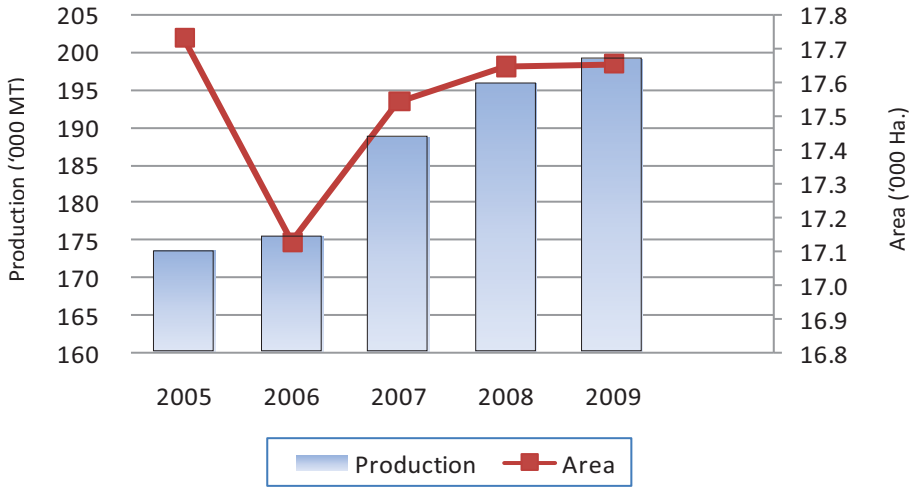
Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**28,437**	**29,151**	**31,205**	**30,247**	**30,978**
CAR	163	163	137	131	124
Ilocos Region	11,877	12,330	13,054	11,808	11,834
Cagayan Valley	3,436	3,579	4,072	4,056	4,432
Central Luzon	1,897	1,900	1,882	1,857	1,769
CALABARZON	711	704	756	751	738
MIMAROPA	907	921	927	1,132	1,202
Bicol Region	902	917	956	948	945
Western Visayas	1,374	1,599	2,110	2,290	2,324
Central Visayas	1,641	1,369	1,286	1,225	1,335
Eastern Visayas	512	509	521	551	569
Zamboanga Peninsula	522	536	537	544	551
Northern Mindanao	2,310	2,412	2,946	2,886	3,047
Davao Region	641	665	669	679	688
SOCCSKSARGEN	591	636	554	605	687
Caraga	286	270	164	150	112
ARMM	668	643	635	636	619
Area (Ha)					
PHILIPPINES	**27,472**	**27,642**	**28,316**	**27,726**	**28,235**
CAR	282	282	258	254	253
Ilocos Region	7,922	8,126	8,395	7,641	7,660
Cagayan Valley	3,429	3,295	3,396	3,351	3,690
Central Luzon	1,420	1,429	1,444	1,419	1,419
CALABARZON	1,147	1,101	970	980	982
MIMAROPA	1,171	1,167	1,157	1,176	1,183
Bicol Region	1,360	1,345	1,382	1,379	1,374
Western Visayas	2,417	2,667	3,262	3,390	3,474
Central Visayas	1,864	1,729	1,697	1,699	1,757
Eastern Visayas	868	867	869	868	874
Zamboanga Peninsula	1,008	1,009	985	1,047	1,061
Northern Mindanao	1,937	1,967	2,010	1,985	2,048
Davao Region	770	787	795	802	818
SOCCSKSARGEN	476	500	452	504	543
Caraga	381	359	237	233	105
ARMM	1,020	1,012	1,008	999	994
Yield Per Hectare (mt)					
PHILIPPINES	**1.04**	**1.05**	**1.10**	**1.09**	**1.10**
CAR	0.58	0.58	0.53	0.51	0.49
Ilocos Region	1.50	1.52	1.55	1.55	1.54
Cagayan Valley	1.00	1.09	1.20	1.21	1.20
Central Luzon	1.34	1.33	1.30	1.31	1.25
CALABARZON	0.62	0.64	0.78	0.77	0.75
MIMAROPA	0.77	0.79	0.80	0.96	1.02
Bicol Region	0.66	0.68	0.69	0.69	0.69
Western Visayas	0.57	0.60	0.65	0.68	0.67
Central Visayas	0.88	0.79	0.76	0.72	0.76
Eastern Visayas	0.59	0.59	0.60	0.63	0.65
Zamboanga Peninsula	0.52	0.53	0.54	0.52	0.52
Northern Mindanao	1.19	1.23	1.47	1.45	1.49
Davao Region	0.83	0.84	0.84	0.85	0.84
SOCCSKSARGEN	1.24	1.27	1.23	1.20	1.26
Caraga	0.75	0.75	0.69	0.65	1.07
ARMM	0.65	0.63	0.63	0.64	0.62

HIGHLIGHTS

TOMATO

Tomato production moved upward from173.74 thousand mt in 2005 to 198.95 thousand mt in 2009 by an average annual growth rate of 3.48 percent. Area however, showed a fluctuating trend. It decreased from 17.73 thousand hectares in 2005 to 17.13 thousand hectares in 2006. Then it bounced back to 17.54 thousand hectares in 2007 to 17.66 thousand hectares in 2009. On the average, area grew by 1.0 percent annually (Figure 9). Average yield per hectare recorded an annual growth rate of 3.6 percent from 9.80 mt in 2005 to 11.27 mt in 2009 (Table 5.9).

Figure 9. Tomato: Production and Area, Philippines, 2005-2009



Ilocos was the consistent top producer with 65.60 thousand mt production in 2009 or 33 percent of the country's total tomato production (Figure 9a). The other top producing regions and their shares to total production were Northern Mindanao (26 percent), Central Luzon (11 percent), and CALABARZON (7 percent).

Figure 9a. Tomato: Top Producing Regions, Philippines, 2009

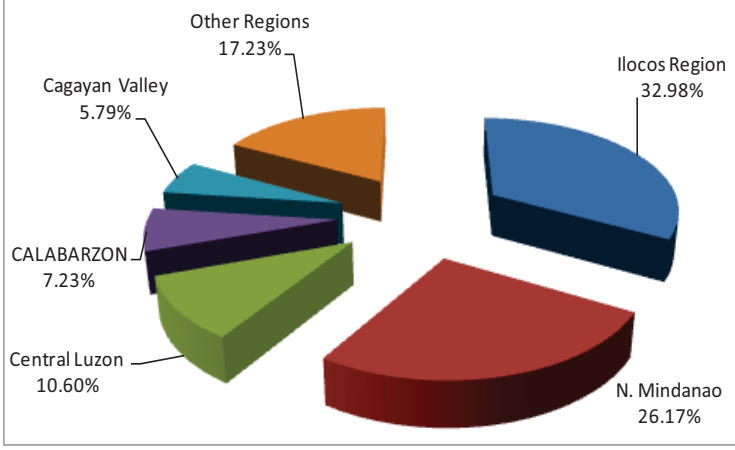


Table 5.9 TOMATO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**173,740**	**175,596**	**188,761**	**195,810**	**198,948**
CAR	3,611	3,587	4,043	3,974	3,810
Ilocos Region	55,326	54,253	60,827	61,747	65,605
Cagayan Valley	7,247	12,515	13,508	12,356	11,525
Central Luzon	19,790	18,237	21,333	20,816	21,091
CALABARZON	18,373	15,832	15,917	16,145	14,390
MIMAROPA	961	933	978	1,013	1,081
Bicol Region	3,226	3,068	3,656	3,506	3,543
Western Visayas	10,700	10,514	10,669	9,710	9,595
Central Visayas	4,266	3,925	3,457	3,367	3,625
Eastern Visayas	737	732	754	747	742
Zamboanga Peninsula	1,589	1,743	1,751	1,795	1,796
Northern Mindanao	37,999	40,262	41,698	50,451	52,056
Davao Region	4,303	4,347	4,378	4,393	4,273
SOCCSKSARGEN	4,872	4,916	5,039	5,019	5,105
Caraga	318	308	327	341	303
ARMM	420	424	425	430	409
Area (Ha)					
PHILIPPINES	**17,731**	**17,128**	**17,544**	**17,646**	**17,656**
CAR	380	376	388	379	366
Ilocos Region	3,901	3,775	3,866	3,793	3,775
Cagayan Valley	951	895	916	901	877
Central Luzon	3,594	3,311	3,523	3,342	3,371
CALABARZON	1,468	1,283	1,327	1,340	1,325
MIMAROPA	223	216	222	231	243
Bicol Region	558	556	599	578	577
Western Visayas	854	832	857	816	821
Central Visayas	1,548	1,501	1,346	1,364	1,347
Eastern Visayas	99	102	104	105	108
Zamboanga Peninsula	455	494	483	501	506
Northern Mindanao	2,221	2,301	2,386	2,763	2,807
Davao Region	608	618	641	649	652
SOCCSKSARGEN	671	666	676	677	679
Caraga	71	72	78	78	75
ARMM	130	131	133	128	128
Yield Per Hectare (mt)					
PHILIPPINES	**9.80**	**10.25**	**10.76**	**11.10**	**11.27**
CAR	9.50	9.55	10.42	10.49	10.41
Ilocos Region	14.18	14.37	15.73	16.28	17.38
Cagayan Valley	7.62	13.98	14.75	13.71	13.15
Central Luzon	5.51	5.51	6.06	6.23	6.26
CALABARZON	12.52	12.34	11.99	12.05	10.86
MIMAROPA	4.31	4.33	4.41	4.38	4.45
Bicol Region	5.78	5.52	6.11	6.07	6.14
Western Visayas	12.54	12.64	12.45	11.91	11.69
Central Visayas	2.76	2.62	2.57	2.47	2.69
Eastern Visayas	7.47	7.17	7.27	7.11	6.89
Zamboanga Peninsula	3.49	3.53	3.63	3.58	3.55
Northern Mindanao	17.11	17.50	17.48	18.26	18.55
Davao Region	7.08	7.03	6.83	6.77	6.55
SOCCSKSARGEN	7.26	7.38	7.45	7.41	7.52
Caraga	4.48	4.31	4.19	4.37	4.06
ARMM	3.23	3.23	3.20	3.35	3.19

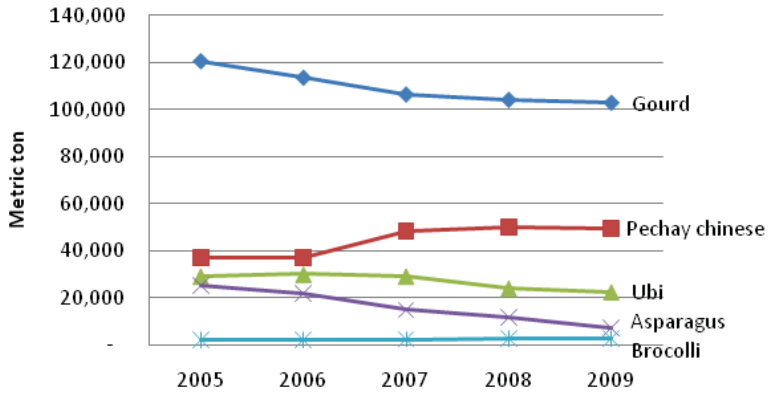
HIGHLIGHTS

PRIORITY and OTHER VEGETABLES

Figures 1 and 2 show the trends of production of other vegetables. Chinese pechay production continuously increased from 2005 to 2008. It went down by 1.3 percent from 50.10 thousand mt in 2008 to 49.45 thousand mt in 2009 (Table 5.20). Native pechay followed the production trend of Chinese pechay. Annual production increased from 43.58 thousand mt in 2005 to 45.40 thousand mt in 2008, then it slid down to 44.92 thousand mt in 2009. Other vegetables that showed similar trend with that of pechay were carrots, cauliflower, gabi, habitchuelas, and white potato. Gabi, gourd, and ubi production increased from 2005 to 2007, then decreased in 2008 to 2009. This year's drop in production was due to damages suffered from weather disturbances that hit most of the vegetable producing regions.

Asparagus production continuously decreased, from 25.23 thousand mt in 2005 it dropped to 7.12 thousand mt in 2009. There was an annual average decline of 26.35 percent as a result of decreasing area devoted to this crop. The declining market demand coupled with high cost of inputs discouraged farmers to continue asparagus farming.

Figure 1. Production: Other vegetables, 2005-2009



Broccoli production increased from 2.07 thousand mt in 2005 to 2.69 thousand mt in 2009. It registered an annual growth rate of 6.74 percent (Table 5.11). Lettuce and okra followed the same trend. The increases were attributed to increasing demand, favorable weather condition and improved planting and pests control technologies.

Figure 2. Production: Other vegetables, 2005-2009

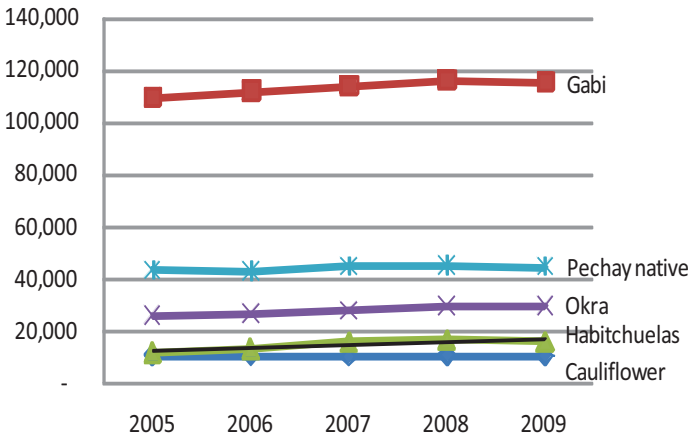


Table 5.10 ASPARAGUS: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**25,231**	**21,938**	**14,845**	**11,891**	**7,121**
CAR	7	3	2	1	
Ilocos Region					
Cagayan Valley					
Central Luzon		1			0.48
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas	1	1	2	2	2
Central Visayas	1	1	2	5	4
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	615	651	584	18	15
Davao Region					
SOCCSKSARGEN	24,608	21,280	14,256	11,865	7,100
Caraga					
ARMM					
Area (Ha)					
PHILIPPINES	**1,614**	**1,524**	**970**	**706**	**536**
CAR	1	1	1	1	
Ilocos Region					
Cagayan Valley					
Central Luzon		0.40			1.50
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas	0.20	0.25	0.30	0.25	0.27
Central Visayas	3	2	3	5	5
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	200	210	211	5	5
Davao Region					
SOCCSKSARGEN	1,410	1,310	755	695	525
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**15.63**	**14.40**	**15.30**	**16.85**	**13.28**
CAR	6.56	3.28	1.65	1.70	
Ilocos Region					
Cagayan Valley					
Central Luzon		1.50			0.32
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas	5.00	5.40	5.77	6.52	5.85
Central Visayas	0.31	0.59	0.53	0.99	0.90
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	3.08	3.10	2.77	3.60	3.06
Davao Region					
SOCCSKSARGEN	17.45	16.24	18.88	17.07	13.52
Caraga					
ARMM					

Table 5.11 BROCOLLI: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**2,072**	**2,265**	**2,370**	**2,603**	**2,685**
CAR	1,697	1,712	1,786	1,852	1,858
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON			3	4	8
MIMAROPA					
Bicol Region					
Western Visayas	2	2	3	3	3
Central Visayas	37	32	31	96	126
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	336	518	546	640	680
Davao Region				6	8
SOCCSKSARGEN			2	2	2
Caraga					
ARMM					
Area (Ha)					
PHILIPPINES	**207**	**229**	**240** R/	**259**	**269**
CAR	157	157	161	158 R/	159
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON			0.40	1	1
MIMAROPA					
Bicol Region					
Western Visayas	0.33	0.37	0.43	0.42	0.39
Central Visayas	3	4	4	9 R/	13
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	47	68	72 R/	86	92
Davao Region				2	2
SOCCSKSARGEN			2	3	3
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**9.99**	**9.89**	**9.88** R/	**10.05**	**9.97**
CAR	10.81	10.91	11.09	11.72 R/	11.69
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON			6.25	7.74	8.00
MIMAROPA					
Bicol Region					
Western Visayas	6.24	6.35	6.93	6.90	6.54
Central Visayas	12.28	8.04	7.66	10.40 R/	10.06
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	7.15	7.65	7.59 R/	7.45	7.39
Davao Region				3.03	4.07
SOCCSKSARGEN			0.87	0.66	0.82
Caraga					
ARMM					

R/ - Revised

Table 5.12 CARROTS: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**35,418**	**35,694**	**65,024**	**68,366**	**68,328**
CAR	27,943	27,966	57,491	60,303	59,024
Ilocos Region	1	1	2	2	2
Cagayan Valley	611	820	831	802	818
Central Luzon	4	4	4	4	4
CALABARZON	23	18	17	18	20
MIMAROPA					
Bicol Region					21
Western Visayas	109	106	129	129	128
Central Visayas	3,867	4,021	3,706	3,885	4,934
Eastern Visayas	9	10	12	13	13
Zamboanga Peninsula	128	129	129	133	137
Northern Mindanao	718	766	828	1,201	1,347
Davao Region	1,451	1,423	1,440	1,400	1,426
SOCCSKSARGEN	542	417	427	466	447
Caraga	14	12	10	10	7
ARMM					
Area (Ha)					
PHILIPPINES	**3,585**	**3,481**	**4,898**	**5,075**	**5,080**
CAR	1,795	1,793	3,269	3,382	3,373
Ilocos Region	0.3	0.5	1	1	1
Cagayan Valley	130	129	123	119	116
Central Luzon	2	2	2	2	2
CALABARZON	4	2	3	3	4
MIMAROPA					
Bicol Region					4
Western Visayas	18	18	20	21	21
Central Visayas	894	819	770	815	832
Eastern Visayas	3	3	3	4	4
Zamboanga Peninsula	77	82	78	87	89
Northern Mindanao	104	108	117	131	141
Davao Region	393	389	376	369	350
SOCCSKSARGEN	163	133	134	140	143
Caraga	2	2	2	2	2
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**9.88**	**10.26**	**13.28**	**13.47**	**13.45**
CAR	15.57	15.60	17.59	17.83	17.50
Ilocos Region	4.00	2.92	2.99	3.07	2.67
Cagayan Valley	4.70	6.36	6.76	6.74	7.05
Central Luzon	1.87	1.93	2.04	2.08	1.98
CALABARZON	5.75	9.00	5.67	6.14	5.62
MIMAROPA					
Bicol Region					5.25
Western Visayas	6.04	5.87	6.43	6.09	6.09
Central Visayas	4.33	4.91	4.81	4.77	5.93
Eastern Visayas	3.07	3.16	3.55	3.64	3.14
Zamboanga Peninsula	1.66	1.58	1.65	1.54	1.55
Northern Mindanao	6.90	7.09	7.07	9.15	9.58
Davao Region	3.69	3.66	3.83	3.79	4.07
SOCCSKSARGEN	3.32	3.15	3.19	3.33	3.12
Caraga	6.28	5.37	4.75	4.53	4.37
ARMM					

Table 5.13 CAULIFLOWER: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**10,641**	**10,489**	**10,148**	**10,758**	**10,559**
CAR	4,710	4,652	4,811	4,972	4,957
Ilocos Region	5,042	4,942	4,363	4,605	4,152
Cagayan Valley	26	65	93	67	103
Central Luzon	55	50	45	32	29
CALABARZON				1	6
MIMAROPA					
Bicol Region					
Western Visayas	3	5	6	6	5
Central Visayas	56	66	74	77	86
Eastern Visayas					
Zamboanga Peninsula	2	2	2	3	3
Northern Mindanao	276	387	442	691	927
Davao Region	210	190	173	162	157
SOCCSKSARGEN	247	118	129	143	134
Caraga					
ARMM	15	13	8		
Area (Ha)					
PHILIPPINES	**1,017**	**976 R/**	**974 R/**	**1,004**	**997**
CAR	347	343	345	345	344
Ilocos Region	479	451	443	443	409
Cagayan Valley	20	23	23	23	34
Central Luzon	9	8	7	6	5
CALABARZON				0.30	1
MIMAROPA					
Bicol Region					
Western Visayas	1	1	1	1	1
Central Visayas	21	25	27	27	27
Eastern Visayas					
Zamboanga Peninsula	2	2	2	2	2
Northern Mindanao	41	54 R/	62 R/	91	109
Davao Region	39	37	35	34	33
SOCCSKSARGEN	51	27	28	32	33
Caraga					
ARMM	7	5	2		
Yield Per Hectare (mt)					
PHILIPPINES	**10.47**	**10.75 R/**	**10.42 R/**	**10.72**	**10.59**
CAR	13.57	13.56	13.95	14.41	14.41
Ilocos Region	10.53	10.96	9.86	10.40	10.16
Cagayan Valley	1.31	2.80	4.03	2.92	3.03
Central Luzon	6.06	6.25	6.43	5.33	5.76
CALABARZON				2.77	6.00
MIMAROPA					
Bicol Region					
Western Visayas	6.27	6.87	6.83	7.01	6.44
Central Visayas	2.66	2.62	2.76	2.86	3.18
Eastern Visayas					
Zamboanga Peninsula	0.97	1.02	1.20	1.27	1.43
Northern Mindanao	6.71	7.20 R/	7.13 R/	7.59	8.50
Davao Region	5.38	5.12	4.96	4.76	4.76
SOCCSKSARGEN	4.84	4.34	4.69	4.51	4.05
Caraga					
ARMM	2.14	2.60	4.00		

R/ - Revised

Table 5.14 GABI: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**109,700**	**111,942**	**113,954**	**115,956**	**115,218**
CAR	5,011	5,065	5,115	5,148	5,182
Ilocos Region	3,180	3,273	3,500	3,569	3,344
Cagayan Valley	14,302	15,251	15,472	15,165	14,881
Central Luzon	6,386	6,478	6,592	6,778	6,766
CALABARZON	6,873	6,750	6,666	6,463	6,177
MIMAROPA	3,022	3,006	3,018	3,083	3,190
Bicol Region	14,222	13,582	13,717	14,158	13,807
Western Visayas	4,301	4,788	4,789	4,890	4,935
Central Visayas	8,697	9,551	9,562	9,837	9,604
Eastern Visayas	17,070	18,118	18,596	20,253	20,815
Zamboanga Peninsula	1,623	1,586	1,532	1,518	1,488
Northern Mindanao	1,938	2,017	2,549	2,639	2,618
Davao Region	2,913	2,946	2,909	2,913	2,937
SOCCSKSARGEN	4,306	4,231	4,022	4,060	4,230
Caraga	14,850	14,292	14,909	14,460	14,230
ARMM	1,007	1,010	1,006	1,021	1,014
Area (Ha)					
PHILIPPINES	**18,077**	**18,155**	**18,215**	**18,168**	**17,882**
CAR	446	450	449	446	449
Ilocos Region	448	452	473	483	506
Cagayan Valley	1,798	1,803	1,788	1,749	1,715
Central Luzon	900	914	930	963	968
CALABARZON	1,069	1,043	1,042	1,022	1,009
MIMAROPA	647	643	659	669	681
Bicol Region	1,677	1,621	1,620	1,622	1,571
Western Visayas	613	666	658	663	668
Central Visayas	2,215	2,298	2,271	2,209	1,964
Eastern Visayas	4,535	4,546	4,589	4,635	4,686
Zamboanga Peninsula	366	362	347	338	319
Northern Mindanao	250	253	270	275	278
Davao Region	358	356	352	341	343
SOCCSKSARGEN	280	274	279	283	287
Caraga	2,322	2,321	2,335	2,315	2,286
ARMM	154	155	153	154	151
Yield Per Hectare (mt)					
PHILIPPINES	**6.07**	**6.17**	**6.26**	**6.38**	**6.44**
CAR	11.24	11.25	11.39	11.54	11.54
Ilocos Region	7.11	7.24	7.39	7.39	6.61
Cagayan Valley	7.95	8.46	8.65	8.67	8.68
Central Luzon	7.10	7.09	7.09	7.04	6.99
CALABARZON	6.43	6.47	6.40	6.32	6.12
MIMAROPA	4.67	4.68	4.58	4.61	4.68
Bicol Region	8.48	8.38	8.47	8.73	8.79
Western Visayas	7.02	7.19	7.28	7.38	7.39
Central Visayas	3.93	4.16	4.21	4.45	4.89
Eastern Visayas	3.76	3.99	4.05	4.37	4.44
Zamboanga Peninsula	4.43	4.38	4.42	4.49	4.66
Northern Mindanao	7.75	7.98	9.44	9.60	9.42
Davao Region	8.14	8.29	8.26	8.54	8.56
SOCCSKSARGEN	15.38	15.46	14.44	14.35	14.76
Caraga	6.40	6.16	6.39	6.25	6.22
ARMM	6.54	6.51	6.57	6.64	6.70

Table 5.15 GINGER: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**24,700**	**27,261**	**27,946**	**27,538**	**27,415**
CAR	1,055	1,061	1,078	1,053	1,040
Ilocos Region	698	682	712	751	787
Cagayan Valley	5,047	5,566	6,160	5,574	5,462
Central Luzon	950	1,055	1,140	1,173	1,140
CALABARZON	4,492	4,969	4,921	4,707	4,463
MIMAROPA	284	290	297	313	324
Bicol Region	280	248	247	295	292
Western Visayas	1,427	1,587	1,526	1,398	1,418
Central Visayas	1,379	1,817	1,696	1,722	1,675
Eastern Visayas	2,044	2,064	2,110	2,132	2,153
Zamboanga Peninsula	560	568	563	576	568
Northern Mindanao	3,114	4,029	4,238	4,678	4,864
Davao Region	1,106	1,091	1,092	1,060	1,094
SOCCSKSARGEN	861	827	772	770	883
Caraga	512	513	506	477	373
ARMM	891	894	888	860	879
Area (Ha)					
PHILIPPINES	**3,873**	**3,941**	**3,974**	**3,926**	**3,948**
CAR	153	155	157	154	155
Ilocos Region	105	104	108	116	122
Cagayan Valley	849	856	873	811	812
Central Luzon	156	167	176	178	171
CALABARZON	407	416	420	406	409
MIMAROPA	84	88	95	104	103
Bicol Region	79	71	71	70	71
Western Visayas	210	230	225	216	220
Central Visayas	368	341	328	326	331
Eastern Visayas	259	266	266	272	271
Zamboanga Peninsula	97	103	106	112	92
Northern Mindanao	592	633	634	661	668
Davao Region	221	225	235	227	253
SOCCSKSARGEN	109	105	101	98	103
Caraga	65	62	62	58	49
ARMM	119	120	118	118	119
Yield Per Hectare (mt)					
PHILIPPINES	**6.38**	**6.92**	**7.03**	**7.01**	**6.94**
CAR	6.89	6.85	6.86	6.84	6.73
Ilocos Region	6.65	6.56	6.59	6.49	6.48
Cagayan Valley	5.94	6.50	7.06	6.87	6.73
Central Luzon	6.09	6.32	6.48	6.59	6.67
CALABARZON	11.04	11.94	11.72	11.59	10.91
MIMAROPA	3.38	3.30	3.12	3.02	3.15
Bicol Region	3.54	3.50	3.50	4.21	4.11
Western Visayas	6.78	6.92	6.80	6.46	6.46
Central Visayas	3.75	5.33	5.17	5.28	5.06
Eastern Visayas	7.91	7.75	7.92	7.84	7.93
Zamboanga Peninsula	5.77	5.52	5.30	5.14	6.16
Northern Mindanao	5.26	6.37	6.69	7.08	7.28
Davao Region	5.01	4.84	4.65	4.68	4.32
SOCCSKSARGEN	7.90	7.88	7.64	7.89	8.60
Caraga	7.88	8.27	8.16	8.17	7.56
ARMM	7.49	7.45	7.51	7.30	7.38

Table 5.16 GOURD: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**120,423**	**113,421**	**106,291**	**104,029**	**102,787**
CAR	1,254	1,281	1,282	1,288	1,289
Ilocos Region	11,568	11,258	11,521	10,754	10,313
Cagayan Valley	16,881	13,286	13,961	14,949	14,460
Central Luzon	8,904	9,131	9,805	9,726	9,715
CALABARZON	41,132	38,568	30,843	29,851	30,868
MIMAROPA	459	434	432	447	464
Bicol Region	2,889	2,789	3,670	3,514	3,309
Western Visayas	2,626	2,464	2,448	2,366	2,481
Central Visayas	8,206	8,200	7,722	7,416	7,848
Eastern Visayas	3,644	3,643	3,691	3,664	3,710
Zamboanga Peninsula	12,129	11,602	10,127	8,972	8,181
Northern Mindanao	3,663	3,657	3,502	3,718	3,406
Davao Region	3,018	3,016	3,098	3,088	3,107
SOCCSKSARGEN	1,430	1,451	1,501	1,500	1,517
Caraga	1,769	1,804	1,847	1,922	1,276
ARMM	852	838	840	854	840
Area (Ha)					
PHILIPPINES	**9,606**	**9,088**	**8,382**	**8,305**	**8,152**
CAR	177	177	176	176	175
Ilocos Region	724	706	714	686	681
Cagayan Valley	1,020	957	983	1,012	1,002
Central Luzon	600	603	638	638	640
CALABARZON	4,019	3,666	2,821	2,760	2,727
MIMAROPA	71	67	66	74	81
Bicol Region	153	149	267	263	256
Western Visayas	238	223	227	220	224
Central Visayas	552	542	543	558	550
Eastern Visayas	294	300	303	304	307
Zamboanga Peninsula	746	700	641	594	535
Northern Mindanao	422	405	393	398	355
Davao Region	318	319	333	336	339
SOCCSKSARGEN	116	122	125	126	128
Caraga	91	90	93	98	91
ARMM	65	62	61	63	62
Yield Per Hectare (mt)					
PHILIPPINES	**12.54**	**12.48**	**12.68**	**12.53**	**12.61**
CAR	7.08	7.24	7.28	7.32	7.37
Ilocos Region	15.98	15.95	16.14	15.68	15.15
Cagayan Valley	16.55	13.88	14.20	14.77	14.43
Central Luzon	14.84	15.14	15.37	15.24	15.18
CALABARZON	10.23	10.52	10.93	10.82	11.32
MIMAROPA	6.48	6.49	6.57	6.07	5.72
Bicol Region	18.88	18.74	13.74	13.36	12.93
Western Visayas	11.03	11.03	10.79	10.78	11.07
Central Visayas	14.87	15.13	14.22	13.29	14.27
Eastern Visayas	12.40	12.14	12.19	12.06	12.08
Zamboanga Peninsula	16.26	16.57	15.80	15.10	15.29
Northern Mindanao	8.68	9.02	8.92	9.35	9.60
Davao Region	9.49	9.45	9.30	9.19	9.17
SOCCSKSARGEN	12.33	11.94	12.06	11.91	11.89
Caraga	19.44	20.04	19.86	19.59	14.02
ARMM	13.11	13.51	13.85	13.59	13.63

Table 5.17 HABITCHUELAS: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**12,049**	**13,493**	**15,922**	**16,897**	**16,187**
CAR	6,462	6,403	8,321	8,374	8,119
Ilocos Region	325	328	342	350	339
Cagayan Valley	2,506	3,846	4,233	4,965	4,421
Central Luzon	44	43	46	47	48
CALABARZON	121	109	149	150	135
MIMAROPA	1	0.13	0.12	0.12	
Bicol Region	756	768	786	800	806
Western Visayas	111	132	132	129	126
Central Visayas	320	465	450	565	646
Eastern Visayas	502	502	508	501	496
Zamboanga Peninsula	55	58	57	58	60
Northern Mindanao	385	436	462	522	579
Davao Region	137	137	146	146	143
SOCCSKSARGEN	282	223	255	255	240
Caraga	30	31	28	27	24
ARMM	11	11	8	7	6
Area (Ha)					
PHILIPPINES	**3,356**	**3,370**	**3,623**	**3,723**	**3,662**
CAR	1,070	1,069	1,262	1,287	1,267
Ilocos Region	180	179	184	186	186
Cagayan Valley	878	800	811	830	767
Central Luzon	26	27	29	30	30
CALABARZON	80	67	77	74	69
MIMAROPA	1				
Bicol Region	214	211	219	218	220
Western Visayas	25	28	31	30	30
Central Visayas	333	473	483	530	553
Eastern Visayas	159	160	166	167	160
Zamboanga Peninsula	78	77	71	72	75
Northern Mindanao	94	79	84	93	97
Davao Region	124	125	129	129	133
SOCCSKSARGEN	62	47	50	53	53
Caraga	25	24	23	20	18
ARMM	6	5	4	3	3
Yield Per Hectare (mt)					
PHILIPPINES	**3.59**	**4.00**	**4.39**	**4.54**	**4.42**
CAR	6.04	5.99	6.59	6.51	6.41
Ilocos Region	1.81	1.83	1.87	1.89	1.82
Cagayan Valley	2.85	4.81	5.22	5.98	5.76
Central Luzon	1.69	1.60	1.58	1.57	1.59
CALABARZON	1.51	1.62	1.93	2.04	1.96
MIMAROPA	1.30				
Bicol Region	3.54	3.64	3.59	3.66	3.66
Western Visayas	4.40	4.68	4.24	4.29	4.18
Central Visayas	0.96	0.98	0.93	1.07	1.17
Eastern Visayas	3.16	3.14	3.07	3.00	3.10
Zamboanga Peninsula	0.71	0.76	0.80	0.81	0.79
Northern Mindanao	4.09	5.50	5.47	5.59	5.99
Davao Region	1.10	1.10	1.13	1.13	1.07
SOCCSKSARGEN	4.55	4.75	5.10	4.81	4.54
Caraga	1.19	1.32	1.21	1.33	1.32
ARMM	1.87	2.16	1.98	2.48	2.10

Table 5.18 LETTUCE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**3,386**	**3,348**	**3,335**	**3,566**	**3,577**
CAR	1,343	1,369	1,388	1,404	1,395
Ilocos Region					
Cagayan Valley	11	2			
Central Luzon					
CALABARZON	115	133	127	131	118
MIMAROPA					
Bicol Region					
Western Visayas	11	11	18	19	19
Central Visayas	77	86	102	157	173
Eastern Visayas	1	1	1	1	1
Zamboanga Peninsula	17	17	17	17	19
Northern Mindanao	1,725	1,673	1,625	1,783	1,795
Davao Region	5	5	5	5	5
SOCCSKSARGEN	82	51	52	49	52
Caraga					
ARMM					
Area (Ha)					
PHILIPPINES	**416**	**407**	**405**	**440**	**451**
CAR	154	155	153	151	149
Ilocos Region					
Cagayan Valley	7	2			
Central Luzon					
CALABARZON	11	13	12	13	12
MIMAROPA					
Bicol Region					
Western Visayas	2	2	3	4	3
Central Visayas	44	49	58	78	85
Eastern Visayas	0.40	0.40	0.42	2	3
Zamboanga Peninsula	6	4	4	4	4
Northern Mindanao	157	157	150	166	172
Davao Region	4	4	4	4	4
SOCCSKSARGEN	30	21	20	18	18
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**8.14**	**8.22**	**8.24**	**8.10**	**7.93**
CAR	8.72	8.83	9.07	9.30	9.36
Ilocos Region					
Cagayan Valley	1.55	1.22			
Central Luzon					
CALABARZON	10.32	10.48	10.61	9.86	9.61
MIMAROPA					
Bicol Region					
Western Visayas	5.48	4.90	5.46	5.34	5.91
Central Visayas	1.75	1.76	1.78	2.01	2.04
Eastern Visayas	1.43	1.43	1.43	0.24	0.27
Zamboanga Peninsula	2.80	4.23	4.33	4.30	4.51
Northern Mindanao	10.99	10.69	10.83	10.77	10.44
Davao Region	1.07	1.10	1.12	1.13	1.14
SOCCSKSARGEN	2.73	2.45	2.58	2.74	2.84
Caraga					
ARMM					

Table 5.19 OKRA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**25,958**	**26,709**	**27,886**	**29,485**	**29,710**
CAR	29	30	31	31	32
Ilocos Region	1,546	1,576	1,570	1,604	1,566
Cagayan Valley	5,874	5,746	5,820	5,850	5,696
Central Luzon	9,215	9,937	10,171	10,759	10,790
CALABARZON	1,395	1,357	1,366	1,390	1,380
MIMAROPA	129	125	127	147	162
Bicol Region	1,188	1,128	1,639	1,721	1,777
Western Visayas	1,129	1,183	1,323	1,396	1,451
Central Visayas	1,383	1,441	1,386	1,950	2,119
Eastern Visayas	890	895	916	923	941
Zamboanga Peninsula	339	335	346	366	379
Northern Mindanao	1,298	1,337	1,397	1,464	1,505
Davao Region	361	397	478	502	519
SOCCSKSARGEN	411	426	460	507	522
Caraga	739	760	821	842	837
ARMM	34	35	34	33	34
Area (Ha)					
PHILIPPINES	**3,138**	**3,211**	**3,287**	**3,488**	**3,555**
CAR	14	14	15	15	16
Ilocos Region	152	158	161	164	163
Cagayan Valley	672	666	673	694	691
Central Luzon	640	654	661	719	733
CALABARZON	154	146	144	145	138
MIMAROPA	78	78	78	87	91
Bicol Region	123	124	167	175	175
Western Visayas	202	203	214	227	229
Central Visayas	167	198	195	249	282
Eastern Visayas	141	144	145	148	153
Zamboanga Peninsula	110	117	115	126	133
Northern Mindanao	316	321	299	310	299
Davao Region	141	154	168	165	184
SOCCSKSARGEN	88	91	98	106	109
Caraga	124	127	137	141	142
ARMM	16	16	17	17	18
Yield Per Hectare (mt)					
PHILIPPINES	**8.27**	**8.32**	**8.48**	**8.45**	**8.36**
CAR	2.10	2.17	2.05	2.08	2.04
Ilocos Region	10.17	9.95	9.74	9.77	9.64
Cagayan Valley	8.74	8.63	8.65	8.43	8.24
Central Luzon	14.40	15.19	15.39	14.96	14.72
CALABARZON	9.06	9.30	9.48	9.59	10.00
MIMAROPA	1.65	1.60	1.63	1.70	1.78
Bicol Region	9.65	9.10	9.81	9.83	10.15
Western Visayas	5.59	5.83	6.20	6.15	6.33
Central Visayas	8.29	7.28	7.11	7.83	7.51
Eastern Visayas	6.30	6.21	6.31	6.22	6.17
Zamboanga Peninsula	3.08	2.87	3.00	2.91	2.85
Northern Mindanao	4.11	4.17	4.68	4.72	5.03
Davao Region	2.56	2.58	2.84	3.04	2.82
SOCCSKSARGEN	4.67	4.68	4.69	4.80	4.81
Caraga	5.96	5.99	6.00	5.99	5.90
ARMM	2.10	2.18	1.97	1.91	1.89

Table 5.20 PECHAY-CHINESE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**37,062**	**37,171**	**48,233**	**50,099**	**49,451**
CAR	33,419	33,234	43,988	44,971	43,879
Ilocos Region	2	2	3	3	3
Cagayan Valley	70	155	163	177	162
Central Luzon					
CALABARZON	43	87	172	154	151
MIMAROPA					
Bicol Region					
Western Visayas					
Central Visayas	2,426	2,390	2,421	2,736	2,855
Eastern Visayas		2	2	2	3
Zamboanga Peninsula	97	92	85	80	80
Northern Mindanao	454	534	666	1,245	1,585
Davao Region	230	377	396	389	392
SOCCSKSARGEN	322	297	337	341	343
Caraga					
ARMM					
Area (Ha)					
PHILIPPINES	**3,133**	**3,446**	**3,645**	**3,728**	**3,736**
CAR	2,734	2,732	2,850	2,878	2,827
Ilocos Region	0.25	0.36	0.47	1	0.46
Cagayan Valley	16	28	26	27	24
Central Luzon					
CALABARZON	16	18	33	33	29
MIMAROPA					
Bicol Region					
Western Visayas					
Central Visayas	145	416	448	457	469
Eastern Visayas		2	2	2	2
Zamboanga Peninsula	10	11	11	11	10
Northern Mindanao	100	109	130	176	216
Davao Region	51	71	80	83	95
SOCCSKSARGEN	61	58	64	61	62
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**11.83**	**10.79**	**13.23**	**13.44**	**13.24**
CAR	12.22	12.16	15.43	15.63	15.52
Ilocos Region	8.00	6.58	6.29	5.45	6.10
Cagayan Valley	4.38	5.54	6.27	6.54	6.66
Central Luzon					
CALABARZON	2.68	4.79	5.20	4.68	5.21
MIMAROPA					
Bicol Region					
Western Visayas					
Central Visayas	16.73	5.75	5.40	5.99	6.09
Eastern Visayas		1.04	1.06	1.08	1.20
Zamboanga Peninsula	9.71	8.32	7.89	7.55	7.77
Northern Mindanao	4.54	4.90	5.11	7.07	7.33
Davao Region	4.51	5.31	4.95	4.69	4.12
SOCCSKSARGEN	5.29	5.12	5.26	5.59	5.51
Caraga					
ARMM					

Table 5.21 PECHAY-NATIVE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**43,578**	**43,077**	**45,039**	**45,396**	**44,922**
CAR	4,351	4,387	4,346	4,358	4,329
Ilocos Region	2,047	2,117	2,233	2,173	2,075
Cagayan Valley	5,469	5,941	6,016	6,141	5,839
Central Luzon	1,827	1,933	2,554	2,724	2,720
CALABARZON	7,005	6,469	6,502	6,210	6,156
MIMAROPA	351	334	339	363	385
Bicol Region	14,067	13,176	13,759	13,819	13,753
Western Visayas	1,519	1,578	1,717	1,686	1,750
Central Visayas	1,109	1,203	1,341	1,516	1,528
Eastern Visayas	945	958	980	961	948
Zamboanga Peninsula	1,287	1,320	1,315	1,344	1,375
Northern Mindanao	925	943	1,054	1,116	1,167
Davao Region	1,194	1,204	1,212	1,211	1,218
SOCCSKSARGEN	520	517	541	555	571
Caraga	555	593	731	831	720
ARMM	406	406	399	389	388
Area (Ha)					
PHILIPPINES	**7,085**	**6,900**	**7,090**	**7,185**	**7,194**
CAR	565	566	563	564	560
Ilocos Region	479	473	491	474	465
Cagayan Valley	908	921	948	975	917
Central Luzon	276	284	324	333	340
CALABARZON	869	752	749	746	748
MIMAROPA	163	159	160	175	181
Bicol Region	2,331	2,199	2,249	2,253	2,252
Western Visayas	232	240	253	248	254
Central Visayas	189	202	208	239	286
Eastern Visayas	161	166	168	171	167
Zamboanga Peninsula	242	258	253	255	259
Northern Mindanao	156	158	169	178	192
Davao Region	171	178	190	194	202
SOCCSKSARGEN	129	126	133	138	141
Caraga	114	119	134	148	135
ARMM	101	99	100	95	96
Yield Per Hectare (mt)					
PHILIPPINES	**6.15**	**6.24**	**6.35**	**6.32**	**6.24**
CAR	7.70	7.75	7.72	7.73	7.73
Ilocos Region	4.28	4.48	4.55	4.58	4.47
Cagayan Valley	6.02	6.45	6.35	6.30	6.37
Central Luzon	6.62	6.80	7.88	8.18	8.00
CALABARZON	8.06	8.60	8.68	8.32	8.23
MIMAROPA	2.16	2.10	2.13	2.08	2.13
Bicol Region	6.03	5.99	6.12	6.13	6.11
Western Visayas	6.55	6.59	6.80	6.81	6.89
Central Visayas	5.88	5.96	6.45	6.35	5.34
Eastern Visayas	5.86	5.78	5.82	5.62	5.67
Zamboanga Peninsula	5.32	5.12	5.20	5.27	5.31
Northern Mindanao	5.95	5.96	6.23	6.29	6.09
Davao Region	6.98	6.76	6.40	6.24	6.03
SOCCSKSARGEN	4.03	4.10	4.08	4.02	4.05
Caraga	4.87	4.99	5.46	5.61	5.33
ARMM	4.02	4.10	3.99	4.11	4.06

Table 5.22 UBI: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**29,256**	**30,074**	**29,265**	**24,185**	**22,567**
CAR	135	148	152	156	161
Ilocos Region	108	121	153	180	180
Cagayan Valley	2,244	2,419	2,357	2,282	2,131
Central Luzon	443	468	497	558	540
CALABARZON	410	444	463	466	518
MIMAROPA	230	246	246	356	417
Bicol Region	706	664	657	683	662
Western Visayas	472	560	566	636	658
Central Visayas	21,352	21,849	21,092	15,700	14,092
Eastern Visayas	773	783	798	840	845
Zamboanga Peninsula	264	273	260	252	258
Northern Mindanao	900	913	824	798	828
Davao Region	411	380	391	408	409
SOCCSKSARGEN	272	282	293	321	332
Caraga	287	280	275	259	217
ARMM	251	243	243	292	319
Area (Ha)					
PHILIPPINES	**5,890**	**5,999**	**5,839**	**5,212**	**4,929**
CAR	21	23	25	25	27
Ilocos Region	13	14	17	19	19
Cagayan Valley	363	367	345	333	315
Central Luzon	90	94	95	98	90
CALABARZON	98	105	104	110	112
MIMAROPA	78	80	81	102	102
Bicol Region	98	98	96	104	98
Western Visayas	66	74	77	95	105
Central Visayas	4,303	4,397	4,277	3,588	3,312
Eastern Visayas	212	215	216	230	233
Zamboanga Peninsula	62	60	58	57	58
Northern Mindanao	228	225	205	198	198
Davao Region	75	67	68	73	80
SOCCSKSARGEN	64	64	67	74	77
Caraga	61	61	59	56	53
ARMM	59	55	51	51	53
Yield Per Hectare (mt)					
PHILIPPINES	**4.97**	**5.01**	**5.01**	**4.64**	**4.58**
CAR	6.43	6.45	6.08	6.22	6.07
Ilocos Region	8.29	8.41	9.12	9.52	9.28
Cagayan Valley	6.18	6.59	6.83	6.85	6.77
Central Luzon	4.92	4.98	5.24	5.69	6.00
CALABARZON	4.18	4.25	4.45	4.23	4.63
MIMAROPA	2.94	3.07	3.02	3.50	4.10
Bicol Region	7.21	6.77	6.84	6.57	6.79
Western Visayas	7.21	7.60	7.37	6.70	6.25
Central Visayas	4.96	4.97	4.93	4.38	4.25
Eastern Visayas	3.65	3.64	3.70	3.65	3.63
Zamboanga Peninsula	4.25	4.55	4.52	4.41	4.46
Northern Mindanao	3.95	4.05	4.02	4.04	4.19
Davao Region	5.48	5.68	5.77	5.60	5.14
SOCCSKSARGEN	4.25	4.41	4.40	4.33	4.31
Caraga	4.70	4.59	4.65	4.67	4.13
ARMM	4.25	4.42	4.76	5.72	6.02

Table 5.23 WHITE POTATO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2005-2009

Region	2005	2006	2007	2008	2009
Production (mt)					
PHILIPPINES	**70,160**	**69,461**	**118,497**	**121,311**	**119,159**
CAR	53,069	52,205	100,752	103,303	101,061
Ilocos Region					
Cagayan Valley	284	448	528	521	536
Central Luzon	2	3	3	3	3
CALABARZON					
MIMAROPA					
Bicol Region	1	0.14	0.14	0.13	
Western Visayas					
Central Visayas	52	62	58	57	52
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	6,663	6,745	6,778	6,945	7,025
Davao Region	9,477	9,436	9,811	9,841	9,859
SOCCSKSARGEN	612	562	566	641	624
Caraga					
ARMM					
Area (Ha)					
PHILIPPINES	**5,497**	**5,451**	**7,939**	**7,994**	**7,904**
CAR	3,502	3,456	5,900	5,932	5,823
Ilocos Region					
Cagayan Valley	75	75	78	76	79
Central Luzon	1	1	1	1	1
CALABARZON					
MIMAROPA					
Bicol Region	1	1	1	1	1
Western Visayas					
Central Visayas	19	19	22	20	19
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	531	548	556	562	573
Davao Region	1,293	1,280	1,310	1,322	1,329
SOCCSKSARGEN	75	71	71	79	79
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**12.76**	**12.74**	**14.93**	**15.18**	**15.08**
CAR	15.15	15.11	17.08	17.41	17.36
Ilocos Region					
Cagayan Valley	3.79	5.97	6.77	6.86	6.79
Central Luzon	2.49	2.50	2.57	2.61	2.65
CALABARZON					
MIMAROPA					
Bicol Region	0.56	0.14	0.14	0.13	
Western Visayas					
Central Visayas	2.76	3.27	2.65	2.77	2.69
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	12.55	12.31	12.19	12.36	12.26
Davao Region	7.33	7.37	7.49	7.44	7.42
SOCCSKSARGEN	8.16	7.98	7.95	8.09	7.92
Caraga					
ARMM					

ROMEO S. RECIDE
Director

MAURA S. LIZARONDO
Assistant Director

CROPS STATISTICS DIVISION (CSD)

OFFICE OF THE DIVISION CHIEF

MINDA C. MANGABAT
Chief, CSD

Michelle D. Gustilo
Imelda T. Marquez

CEREALS STATISTICS SECTION

MARIO M. PADRINAO, Head

Jacinta U. Estrada
Emerenciana A. Aluyen
Rebecca A. Tud

FRUIT CROPS STATISTICS SECTION

LORNA V. GABITO, Head

Juditha C. Perido
Rosalina S. Olympia
Iris Ivy N. Talavera

NON-FOOD & INDUSTRIAL CROPS STATISTICS SECTION

GALILEO Q. DONATO, Head

Imelda P. Ornos
Abella A. Regala

VEGETABLES AND ROOT CROPS STATISTICS SECTION

DAMASO A. DEL ROSARIO, Head

Estela T. Marquez
Necita L. de Guzman
Jacqueline N. Safranca

Design/Layout by: Raymond V. Madamba

BUREAU OF AGRICULTURAL STATISTICS
1184 Ben-lor Bldg., Quezon Avenue, Quezon City
CROPS STATISTICS DIVISION
371-20-67

http://www.bas.gov.ph