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CROPS
Statistics of the Philippines, 2006-2010
(NATIONAL AND REGIONAL)

Republic of the Philippines
Department of Agriculture
BUREAU OF AGRICULTURAL STATISTICS

August 2011

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FOREWORD

This is the eight 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 2006 to 2010.

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
August 2011

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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, PHILIPPNES, 2006-2010

(IN METRIC TONS)

Crop	2006	2007	2008	2009	2010
Cereals					
Palay	15,326,706	16,240,194	16,815,548	16,266,417	15,772,319
Irrigated	11,594,933	12,269,390	12,556,150	12,083,264	11,992,459
Rainfed	3,731,773	3,970,804	4,259,398	4,183,153	3,779,860
Corn	6,082,109	6,736,940	6,928,225	7,034,033	6,376,796
White	2,360,840	2,527,633	2,254,567	2,316,434	2,169,103
Yellow	3,721,269	4,209,307	4,673,658	4,717,599	4,207,693
Fruit Crops					
Banana	6,794,564	7,484,073	8,687,624	9,013,186	9,101,341
Cavendish	*2,810,985*	*3,323,072*	*4,328,989*	*4,497,722*	*4,600,617*
Lacatan	*836,016*	*875,271*	*890,702*	*916,932*	*921,602*
Saba	*2,285,809*	*2,385,614*	*2,526,835*	*2,636,342*	*2,632,692*
Calamansi	196,595	201,619	199,675	192,187	188,340
Durian	48,465	73,250	51,399	55,727	77,548
Lanzones	50,012	58,258	7,407	15,341	49,500
Mandarin	24,880	25,281	22,743	20,376	18,783
Mango	919,030	1,023,907	884,011	771,441	825,676
Carabao	*738,660*	*828,412*	*712,409*	*621,279*	*669,520*
Mangosteen	4,494	4,683	866	1,567	5,553
Orange	5,234	5,148	4,870	4,663	4,337
Papaya	157,120	164,234	182,907	176,656	165,981
Pineapple	1,833,908	2,016,462	2,209,336	2,198,497	2,169,233
Rambutan	13,405	14,915	8,553	9,435	12,743
Tamarind Fruit	12,491	11,804	11,052	10,063	9,032
Watermelon	117,254	125,863	103,248	97,106	110,238
Non Food & Industrial Crops					
Abaca	69,802	66,437	68,386	65,825	66,512
Cacao	5,415	5,237	5,149	5,134	5,019
Cashew	113,071	112,558	112,334	111,993	134,681
Coconut	14,957,910	14,852,927	15,319,527	15,667,565	15,510,283
Coffee	104,093	97,877	97,428	96,433	94,536
Arabica	*20,315*	*19,739*	*19,677*	*19,655*	*19,421*
Excelsa	*8,326*	*7,129*	*6,763*	*6,572*	*6,354*
Liberica	*783*	*683*	*672*	*659*	*639*
Robusta	*74,453*	*70,122*	*70,112*	*69,350*	*67,928*
Cotton	2,640	1,360	738	127	35
Rubber	351,556	404,072	411,044	390,962	395,237
Sugarcane	24,345,106	22,235,297	26,601,384	22,932,819	17,929,269
Tobacco	38,368	34,289	32,466	36,383	40,530
Native	*6,715*	*8,158*	*10,047*	*10,416*	*10,765*
Virginia	*19,407*	*19,737*	*15,125*	*16,578*	*18,839*
Vegetables, Root Crops & Tubers					
Asparagus	21,938	14,845	11,891	7,121	4,637
Brocolli	2,265	2,370	2,603	2,685	2,699
Cabbage	91,243	123,443	128,865	124,712	128,964
Camote	566,773	573,734	572,655	560,516	541,265
Carrots	35,694	65,024	68,366	68,328	72,109
Cassava	1,756,856	1,871,138	1,941,575	2,043,719	2,101,454
Cauliflower	10,489	10,148	10,758	10,559	11,102
Eggplant	191,911	210,156	199,579	200,942	208,242
Gabi	111,942	113,954	115,956	115,218	110,761
Garlic	12,581	11,285	11,348	10,451	9,563
Ginger	27,261	27,946	27,538	27,415	27,097
Gourd	113,421	106,291	104,029	102,787	97,586
Habitchuelas	13,493	15,922	16,897	16,187	15,820
Lettuce	3,348	3,335	3,566	3,577	3,634
Mongo	25,952	29,067	29,617	27,694	27,055
Okra	26,709	27,886	29,485	29,710	29,716
Onion	75,978	146,108	128,923	127,055	135,377
Peanut	29,151	31,205	30,247	30,978	29,624
Pechay-Chinese	37,171	48,233	50,099	49,451	52,222
Pechay-Native	43,077	45,039	45,396	44,922	44,861
Tomato	175,596	188,761	195,810	198,948	204,272
Ubi	30,074	29,265	24,185	22,567	21,892
White Potato	69,461	118,497	121,311	119,159	124,671

Table 2.0: ANNUAL AREA PLANTED/HARVESTED OF SELECTED CROPS, PHILIPPINES, 2006-2010

(IN HECTARES)

Crop	2006	2007	2008	2009	2010
Cereals					
Palay	4,159,930	4,272,889	4,459,977	4,532,310	4,354,161
Irrigated	2,827,886	2,917,012	3,032,638	3,055,763	3,008,325
Rainfed	1,332,044	1,355,877	1,427,339	1,476,547	1,345,836
Corn	2,570,673	2,648,317	2,661,021	2,683,890	2,499,040
White	1,471,453	1,469,327	1,367,410	1,402,845	1,338,943
Yellow	1,099,220	1,178,990	1,293,611	1,281,045	1,160,097
Fruit Crops					
Banana	428,804	436,762	438,593	446,371	449,443
Cavendish	*67,803*	*74,013*	*75,151*	*77,599*	*79,642*
Lacatan	*52,377*	*53,155*	*53,591*	*56,252*	*56,579*
Saba	*181,568*	*183,028*	*183,139*	*185,118*	*185,800*
Calamansi	20,253	20,545	20,956	20,912	20,987
Durian	15,673	17,167	18,371	18,669	18,838
Lanzones	19,668	20,015	20,331	20,430	20,505
Mandarin	9,646	9,621	9,583	9,444	9,289
Mango	171,711	184,174	186,770	188,139	189,437
Carabao	*129,475*	*141,627*	*144,293*	*145,926*	*147,026*
Mangosteen	1,813	1,991	2,214	2,263	2,287
Orange	1,936	1,817	1,677	1,657	1,630
Papaya	9,280	9,125	9,175	8,904	8,751
Pineapple	49,813	53,978	58,251	58,823	58,547
Rambutan	5,444	5,631	5,669	5,672	5,743
Tamarind Fruit	2,736	2,690	2,681	2,641	2,598
Watermelon	6,910	7,234	6,246	6,237	6,704
Non Food & Industrial Crops					
Abaca	135,883	136,049	137,520	135,081	135,090
Cacao	10,354	9,985	9,751	9,538	9,462
Cashew	27,610	27,574	27,517	27,428	28,114
Coconut	3,337,378	3,359,777	3,379,741	3,401,500	3,575,944
Coffee	126,063	123,975	123,269	122,645	121,399
Arabica	*20,804*	*20,008*	*19,977*	*19,862*	*19,622*
Excelsa	*10,867*	*10,387*	*10,176*	*9,687*	*9,576*
Liberica	*1,572*	*1,510*	*1,492*	*1,444*	*1,410*
Robusta	92,186	91,592	91,148	91,181	90,320
Cotton	2,906	1,426	538	310	48
Rubber	94,347	110,972	123,260	128,337	138,710
Sugarcane	392,280	382,956	397,991	404,034	354,878
Tobacco	26,323	23,863	22,182	26,104	29,707
Native	*5,429*	*5,980*	*6,969*	*6,684*	*7,143*
Virginia	*14,508*	*14,206*	*11,457*	*14,502*	*17,392*
Vegetables, Root Crops & Tubers					
Asparagus	1,524	970	706	536	368
Brocolli	229	240	259	269	267
Cabbage	7,323	8,502	8,596	8,483	8,561
Camote	118,829	117,584	116,465	114,380	109,438
Carrots	3,481	4,898	5,075	5,080	5,115
Cassava	204,578	209,633	211,657	215,933	217,622
Cauliflower	976	974	1,004	997	987
Eggplant	20,901	21,613	21,299	21,170	21,423
Gabi	18,155	18,215	18,168	17,882	16,998
Garlic	4,448	3,863	3,849	3,552	3,039
Ginger	3,941	3,974	3,926	3,948	3,967
Gourd	9,088	8,382	8,305	8,152	7,847
Habitchuelas	3,370	3,623	3,723	3,662	3,770
Lettuce	407	405	440	451	466
Mongo	35,732	39,011	39,923	38,658	40,080
Okra	3,211	3,287	3,488	3,555	3,570
Onion	8,442	15,879	14,579	14,526	15,169
Peanut	27,642	28,316	27,726	28,235	27,123
Pechay-Chinese	3,446	3,645	3,728	3,736	3,735
Pechay-Native	6,900	7,090	7,185	7,194	7,097
Tomato	17,128	17,544	17,646	17,656	17,663
Ubi	5,999	5,839	5,212	4,929	4,744
White Potato	5,451	7,939	7,994	7,904	8,129

R/ - Revised

Table 3.0: ANNUAL YIELD PER HECTARE OF SELECTED CROPS, PHILIPPINES, 2006-2010

(IN METRIC TONS)

Crop	2006	2007	2008	2009	2010
Cereals					
Palay	3.68	3.80	3.77	3.59	3.62
Irrigated	4.10	4.21	4.14	3.95	3.99
Rainfed	2.80	2.93	2.98	2.83	2.81
Corn	2.37	2.54	2.60	2.62	2.55
White	1.60	1.72	1.65	1.65	1.62
Yellow	3.39	3.57	3.61	3.68	3.63
Fruit Crops					
Banana	15.85	17.14	19.81	20.19	20.25
Cavendish	*41.46*	*44.90*	*57.60*	*57.96*	*57.77*
Lacatan	*15.96*	*16.47*	*16.62*	*16.30*	*16.29*
Saba	*12.59*	*13.03*	*13.80*	*14.24*	*14.17*
Calamansi	9.71	9.81	9.53	9.19	8.97
Durian	3.09	4.27	2.80	2.99	4.12
Lanzones	2.54	2.91	0.36	0.75	2.41
Mandarin	2.58	2.63	2.37	2.16	2.02
Mango	5.35	5.56	4.73	4.10	4.36
Carabao	*5.71*	*5.85*	*4.94*	*4.26*	*4.55*
Mangosteen	2.48	2.35	0.39	0.69	2.43
Orange	2.70	2.83	2.90	2.81	2.66
Papaya	16.93	18.00	19.93	19.84	18.97
Pineapple	36.82	37.36	37.93	37.37	37.05
Rambutan	2.46	2.65	1.51	1.66	2.22
Tamarind Fruit	4.57	4.39	4.12	3.81	3.48
Watermelon	16.97	17.40	16.53	15.57	16.44
Non Food & Industrial Crops					
Abaca	0.51	0.49	0.50	0.49	0.49
Cacao	0.52	0.52	0.53	0.54	0.53
Cashew	4.10	4.08	4.08	4.08	4.79
Coconut	4.48	4.42	4.53	4.61	4.34
Coffee	0.83	0.79	0.79	0.79	0.78
Arabica	*0.98*	*0.99*	*0.98*	*0.99*	*0.99*
Excelsa	*0.77*	*0.69*	*0.66*	*0.68*	*0.66*
Liberica	*0.50*	*0.45*	*0.45*	*0.46*	*0.45*
Robusta	*0.81*	*0.77*	*0.77*	*0.76*	*0.75*
Cotton	0.91	0.95	1.37	0.41	0.73
Rubber	3.73	3.64	3.33	3.05	2.85
Sugarcane	62.06	58.06	66.84	56.76	50.52
Tobacco	1.46	1.44	1.46	1.39	1.36
Native	*1.24*	*1.36*	*1.44*	*1.56*	*1.51*
Virginia	*1.34*	*1.39*	*1.32*	*1.14*	*1.08*
Vegetables, Root Crops & Tubers					
Asparagus	14.40	15.30	16.85	13.28	12.58
Brocolli	9.89	9.88	10.05	9.97	10.13
Cabbage	12.46	14.52	14.99	14.70	15.06
Camote	4.77	4.88	4.92	4.90	4.95
Carrots	10.26	13.28	13.47	13.45	14.10
Cassava	8.59	8.93	9.17	9.46	9.66
Cauliflower	10.75	10.42	10.72	10.59	11.25
Eggplant	9.18	9.72	9.37	9.49	9.72
Gabi	6.17	6.26	6.38	6.44	6.52
Garlic	2.83	2.92	2.95	2.94	3.15
Ginger	6.92	7.03	7.01	6.94	6.83
Gourd	12.48	12.68	12.53	12.61	12.44
Habitchuelas	4.00	4.39	4.54	4.42	4.20
Lettuce	8.22	8.24	8.10	7.93	7.80
Mongo	0.73	0.75	0.74	0.72	0.68
Okra	8.32	8.48	8.45	8.36	8.32
Onion	9.00	9.20	8.84	8.75	8.92
Peanut	1.05	1.10	1.09	1.10	1.09
Pechay-Chinese	10.79	13.23	13.44	13.24	13.98
Pechay-Native	6.24	6.35	6.32	6.24	6.32
Tomato	10.25	10.76	11.10	11.27	11.57
Ubi	5.01	5.01	4.64	4.58	4.61
White Potato	12.74	14.93	15.18	15.08	15.34

R/ - Revised

Table 4.0: ANNUAL NUMBER OF BEARING TREES/HILLS, PLANTING DENSITY AND YIELD PER BEARING TREE/HILLS, PHILIPPINES, 2006-2010

Crop	2006	2007	2008	2009	2010
BEARING TREES (no.)					
Banana	228,036,614	250,538,983	264,356,573	271,047,238	276,405,963
Cavendish	*73,914,227*	*92,933,070*	*105,089,123*	*109,301,924*	*112,902,991*
Lacatan	*27,094,065*	*29,245,115*	*29,843,193*	*31,384,421*	*31,804,423*
Saba	*76,714,879*	*76,843,550*	*77,109,265*	*77,905,041*	*78,584,660*
Cacao	4,129,905	4,050,124	3,942,957	3,926,033	3,908,457
Calamansi	8,882,304	9,056,933	9,216,422	9,115,380	9,163,050
Cashew	3,495,138	3,496,379	3,491,813	3,480,231	3,783,210
Coconut	335,466,568	338,724,352	339,357,206	340,882,817	341,020,368
Coffee	89,883,642	86,214,597	85,757,726	85,064,363	84,544,625
Arabica	*14,429,081*	*13,982,479*	*13,957,631*	*13,908,200*	*13,999,774*
Excelsa	*6,722,073*	*6,324,887*	*6,239,477*	*5,959,635*	*5,897,929*
Liberica	*1,025,886*	*992,237*	*980,529*	*951,038*	*933,034*
Robusta	*67,428,907*	*64,685,812*	*64,350,923*	*64,018,201*	*63,488,968*
Durian	609,814	649,947	638,854	649,853	774,772
Lanzones	1,999,588	1,964,576	2,012,620	2,042,666	2,131,196
Mandarin	1,196,065	1,199,671	1,160,260	1,155,686	1,161,392
Mango	7,842,506	8,115,899	8,171,854	8,335,951	8,526,816
Carabao	*5,576,437*	*5,841,197*	*5,880,136*	*6,029,318*	*6,228,015*
Mangosteen	189,740	192,355	206,884	209,254	209,740
Orange	250,562	229,281	204,306	202,059	199,128
Papaya	5,701,587	5,599,575	5,670,826	5,528,962	5,549,324
Rambutan	457,127	407,939	411,808	416,805	429,283
Rubber	30,123,884	35,030,731	37,030,656	37,212,359	39,369,228
Tamarind Fruit	153,821	154,331	151,398	148,700	145,344
PLANTING DENSITY (Btrees/ha)					
Banana	532	574	603	607	615
Cavendish	*1,090*	*1,256*	*1,398*	*1,409*	*1,418*
Lacatan	*517*	*550*	*557*	*558*	*562*
Saba	*423*	*420*	*421*	*421*	*423*
Cacao	399	406	404	412	413
Calamansi	439	441	440	436	437
Cashew	127	127	127	127	135
Coconut	101	101	100	100	95
Coffee	713	695	696	694	696
Arabica	*694*	*699*	*699*	*700*	*713*
Excelsa	*619*	*609*	*613*	*615*	*616*
Liberica	*653*	*657*	*657*	*659*	*662*
Robusta	*731*	*706*	*706*	*702*	*703*
Durian	39	38	35	35	41
Lanzones	102	98	99	100	104
Mandarin	124	125	121	122	125
Mango	46	44	44	44	45
Carabao	*43*	*41*	*41*	*41*	*42*
Mangosteen	105	97	93	92	92
Orange	129	126	122	122	122
Papaya	614	614	618	621	634
Rambutan	84	72	73	73	75
Rubber	319	316	300	290	284
Tamarind Fruit	56	57	56	56	56
YIELD PER BEARING TREE/HILLS (kg)					
Banana	29.80	29.87	32.86	33.25	32.93
Cavendish	*38.03*	*35.76*	*41.19*	*41.15*	*40.75*
Lacatan	*30.86*	*29.93*	*29.85*	*29.22*	*28.98*
Saba	*29.80*	*31.05*	*32.77*	*33.84*	*33.50*
Cacao	1.31	1.29	1.31	1.31	1.28
Calamansi	22.13	22.26	21.67	21.08	20.55
Cashew	32.35	32.19	32.17	32.18	35.60
Coconut	44.59	43.85	45.14	45.96	45.48
Coffee	1.16	1.14	1.14	1.13	1.12
Arabica	*1.41*	*1.41*	*1.41*	*1.41*	*1.39*
Excelsa	*1.24*	*1.13*	*1.08*	*1.10*	*1.08*
Liberica	*0.76*	*0.69*	*0.69*	*0.69*	*0.68*
Robusta	*1.10*	*1.08*	*1.09*	*1.08*	*1.07*
Durian	79.48	112.70	80.46	85.75	100.09
Lanzones	25.01	29.65	3.68	7.51	23.23
Mandarin	20.80	21.07	19.60	17.63	16.17
Mango	117.19	126.16	108.18	92.54	96.83
Carabao	*132.46*	*141.82*	*121.16*	*103.04*	*107.50*
Mangosteen	23.68	24.34	4.18	7.49	26.47
Orange	20.89	22.45	23.83	23.08	21.78
Papaya	27.56	29.33	32.25	31.95	29.91
Rambutan	29.32	36.56	20.77	22.64	29.68
Rubber	11.67	11.53	11.10	10.51	10.04
Tamarind Fruit	81.20	76.49	73.00	67.67	62.14

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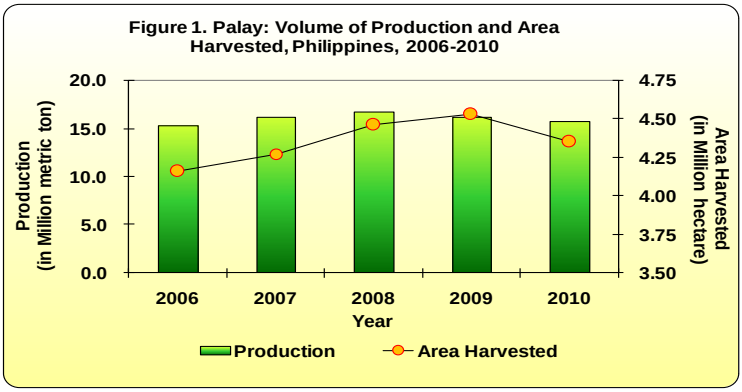
II. REGIONAL STATISTICS
A. CEREALS

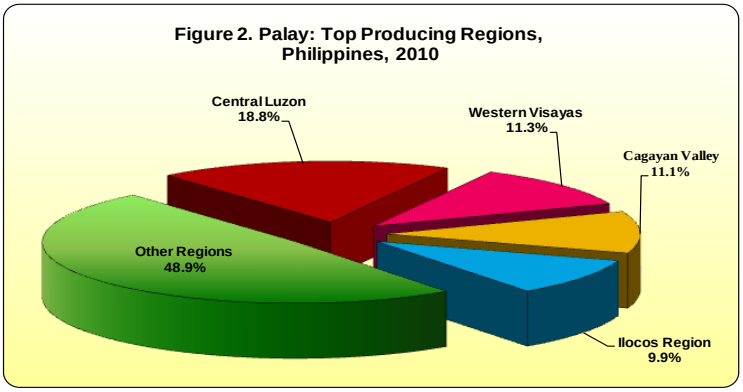
HIGHLIGHTS

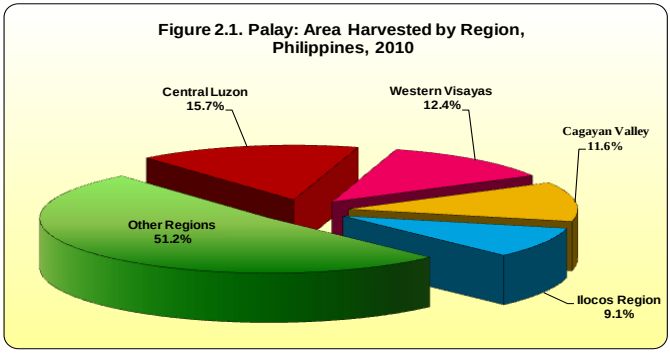
PALAY

From 2006 to 2010, palay production in the country grew from 15.327 million MT to 15.772 million MT or by an average annual growth of 0.80 percent (Figure 1). The 2010 production was 3.0 percent lower than the 2009 output of 16.266 million MT. Over the five-year period, area harvested grew from 4.16 million hectares to 4.35 million hectares or by an average annual growth of 1.20 percent.

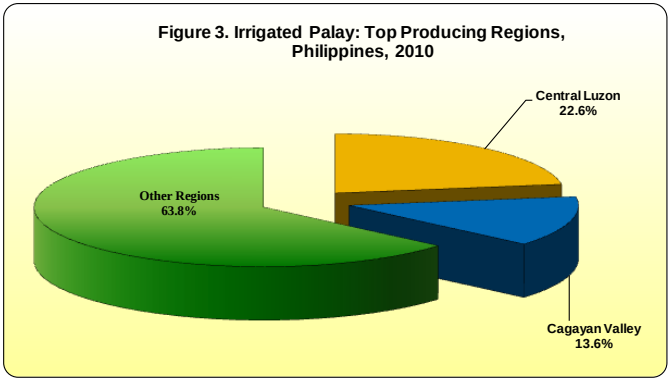


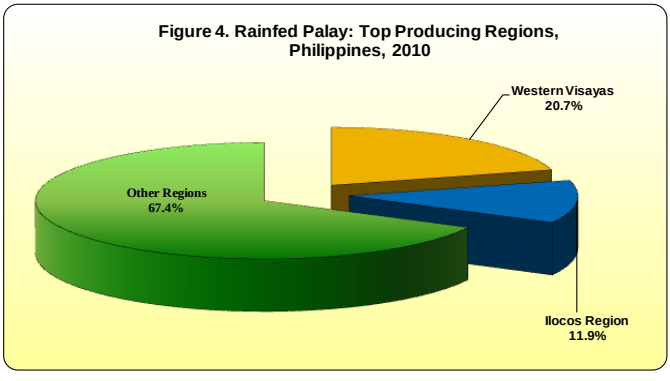
In 2010, 51.1 percent of the country's total palay output were produced in Central Luzon, Western Visayas, Cagayan Valley and Ilocos Region (Figure 2). Total area harvested from these regions accounted for 48.8 percent of the national total (Figure 2.1).





In 2010, palay production in irrigated farms was 11.992 million MT. Central Luzon had the biggest contribution at 2.713 million MT followed by Cagayan Valley at 1.633 million MT (Table 2.2). The respective shares of these regions to the total irrigated palay production were 22.6 percent and 13.6 percent (Figure 3).





In rainfed areas, palay production was 3.780 million MT. The top producers were Western Visayas at 782.46 thousand MT and Ilocos Region at 450.08 thousand MT. The combined palay output from these regions accounted for 32.6 percent of the country's total rainfed palay production (Figure 4).

Table 2.1 PALAY: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**15,326,706**	**16,240,194**	**16,815,548**	**16,266,417**	**15,772,319**
CAR	397,340	436,311	445,156	431,656	400,415
Ilocos Region	1,597,168	1,642,301	1,691,629	1,351,715	1,558,373
Cagayan Valley	1,953,755	2,025,245	2,080,240	2,077,036	1,745,722
Central Luzon	2,677,633	2,942,113	3,014,347	2,805,467	2,958,415
CALABARZON	358,364	391,418	428,085	383,035	390,189
MIMAROPA	829,867	877,180	863,215	930,674	857,532
Bicol Region	888,772	991,430	997,581	1,045,501	1,081,078
Western Visayas	1,987,224	1,992,426	2,117,598	2,205,071	1,789,693
Central Visayas	245,131	251,802	311,801	276,818	270,449
Eastern Visayas	830,287	948,827	1,030,621	952,220	964,145
Zamboanga Peninsula	514,201	553,759	551,310	565,764	552,645
Northern Mindanao	461,289	501,892	551,246	583,297	586,442
Davao Region	476,411	427,184	418,954	423,825	402,811
SOCCSKSARGEN	1,146,220	1,186,688	1,234,757	1,229,040	1,185,196
Caraga	408,774	455,838	447,317	425,551	405,871
ARMM	554,270	615,780	631,691	579,747	623,343
Area Harvested (ha)					
PHILIPPINES	**4,159,930**	**4,272,889**	**4,459,977**	**4,532,310**	**4,354,161**
CAR	104,021	118,135	119,816	119,368	117,057
Ilocos Region	376,426	377,361	388,763	389,339	394,110
Cagayan Valley	503,593	501,943	536,916	533,315	506,351
Central Luzon	593,033	640,913	666,309	664,121	681,901
CALABARZON	104,031	104,714	112,120	107,038	104,124
MIMAROPA	238,395	247,803	254,403	271,901	262,384
Bicol Region	281,483	286,374	290,718	313,602	316,804
Western Visayas	611,135	601,595	646,197	669,306	541,253
Central Visayas	99,484	97,507	105,154	102,927	101,875
Eastern Visayas	233,221	260,386	276,573	272,611	275,691
Zamboanga Peninsula	141,177	148,278	145,314	153,743	145,070
Northern Mindanao	122,492	129,249	137,276	147,270	143,324
Davao Region	108,992	97,487	95,252	96,168	95,901
SOCCSKSARGEN	319,878	328,341	346,403	349,668	329,817
Caraga	126,058	133,444	138,259	137,173	130,867
ARMM	196,511	199,359	200,504	204,760	207,632
Yield Per Hectare (mt)					
PHILIPPINES	**3.68**	**3.80**	**3.77**	**3.59**	**3.62**
CAR	3.82	3.69	3.72	3.62	3.42
Ilocos Region	4.24	4.35	4.35	3.47	3.95
Cagayan Valley	3.88	4.03	3.87	3.89	3.45
Central Luzon	4.52	4.59	4.52	4.22	4.34
CALABARZON	3.44	3.74	3.82	3.58	3.75
MIMAROPA	3.48	3.54	3.39	3.42	3.27
Bicol Region	3.16	3.46	3.43	3.33	3.41
Western Visayas	3.25	3.31	3.28	3.29	3.31
Central Visayas	2.46	2.58	2.97	2.69	2.65
Eastern Visayas	3.56	3.64	3.73	3.49	3.50
Zamboanga Peninsula	3.64	3.73	3.79	3.68	3.81
Northern Mindanao	3.77	3.88	4.02	3.96	4.09
Davao Region	4.37	4.38	4.40	4.41	4.20
SOCCSKSARGEN	3.58	3.61	3.56	3.51	3.59
Caraga	3.24	3.42	3.24	3.10	3.10
ARMM	2.82	3.09	3.15	2.83	3.00

Table 2.2 IRRIGATED PALAY: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**11,594,933**	**12,269,390**	**12,556,150**	**12,083,264**	**11,992,459**
CAR	361,090	363,248	372,282	362,841	335,343
Ilocos Region	1,045,763	1,078,029	1,113,627	929,064	1,108,293
Cagayan Valley	1,768,665	1,826,454	1,872,024	1,842,549	1,633,085
Central Luzon	2,365,130	2,628,489	2,710,433	2,537,528	2,712,810
CALABARZON	301,486	314,735	340,836	301,253	320,595
MIMAROPA	524,257	552,042	536,497	596,159	594,515
Bicol Region	657,678	759,873	724,258	739,995	791,987
Western Visayas	1,198,704	1,157,896	1,240,210	1,247,237	1,007,228
Central Visayas	157,504	167,168	192,239	170,058	175,798
Eastern Visayas	512,150	593,218	631,886	573,225	562,586
Zamboanga Peninsula	345,306	360,246	374,836	383,143	376,603
Northern Mindanao	429,776	466,022	507,939	531,605	535,695
Davao Region	428,145	387,140	378,087	386,390	367,215
SOCCSKSARGEN	958,805	992,386	998,390	996,995	985,124
Caraga	298,384	326,401	312,206	291,256	282,251
ARMM	242,090	296,043	250,400	193,966	203,331
Area Harvested (ha)					
PHILIPPINES	**2,827,886**	**2,917,012**	**3,032,638**	**3,055,763**	**3,008,325**
CAR	90,776	90,817	93,011	93,265	91,265
Ilocos Region	237,958	237,839	247,034	255,564	260,757
Cagayan Valley	433,709	428,617	454,715	447,183	441,583
Central Luzon	509,619	556,385	580,358	579,905	599,573
CALABARZON	74,458	75,511	80,024	75,124	79,494
MIMAROPA	134,085	139,477	145,603	163,113	166,012
Bicol Region	183,904	196,373	192,774	206,060	216,256
Western Visayas	323,802	308,409	337,176	336,549	273,564
Central Visayas	49,473	51,618	54,787	54,083	57,465
Eastern Visayas	105,967	122,677	131,398	130,847	129,254
Zamboanga Peninsula	84,348	86,920	89,685	93,404	89,362
Northern Mindanao	111,059	117,720	122,654	130,154	127,005
Davao Region	91,474	83,822	82,975	84,575	84,309
SOCCSKSARGEN	251,932	259,508	267,169	267,034	257,958
Caraga	85,711	89,876	89,273	85,932	84,980
ARMM	59,611	71,443	64,002	52,971	49,488
Yield Per Hectare (mt)					
PHILIPPINES	**4.10**	**4.21**	**4.14**	**3.95**	**3.99**
CAR	3.98	4.00	4.00	3.89	3.67
Ilocos Region	4.39	4.53	4.51	3.64	4.25
Cagayan Valley	4.08	4.26	4.12	4.12	3.70
Central Luzon	4.64	4.72	4.67	4.38	4.52
CALABARZON	4.05	4.17	4.26	4.01	4.03
MIMAROPA	3.91	3.96	3.68	3.65	3.58
Bicol Region	3.58	3.87	3.76	3.59	3.66
Western Visayas	3.70	3.75	3.68	3.71	3.68
Central Visayas	3.18	3.24	3.51	3.14	3.06
Eastern Visayas	4.83	4.84	4.81	4.38	4.35
Zamboanga Peninsula	4.09	4.14	4.18	4.10	4.21
Northern Mindanao	3.87	3.96	4.14	4.08	4.22
Davao Region	4.68	4.62	4.56	4.57	4.36
SOCCSKSARGEN	3.81	3.82	3.74	3.73	3.82
Caraga	3.48	3.63	3.50	3.39	3.32
ARMM	4.06	4.14	3.91	3.66	4.11

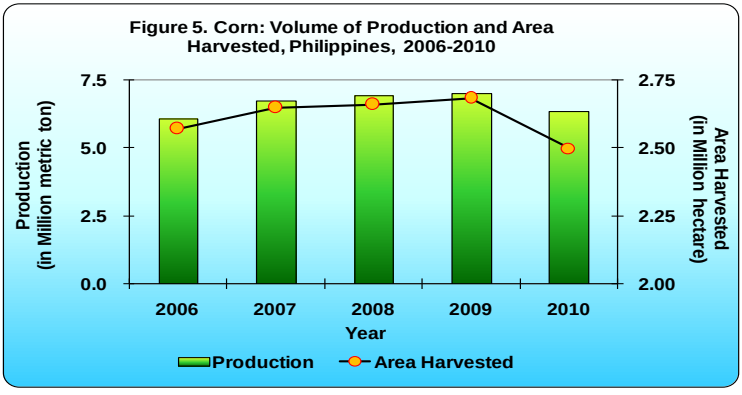
Table 2.3 RAINFED PALAY: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**3,731,773**	**3,970,804**	**4,259,398**	**4,183,153**	**3,779,860**
CAR	36,250	73,063	72,874	68,815	65,072
Ilocos Region	551,405	564,272	578,002	422,651	450,080
Cagayan Valley	185,090	198,791	208,216	234,487	112,637
Central Luzon	312,503	313,624	303,914	267,939	245,605
CALABARZON	56,878	76,683	87,249	81,782	69,594
MIMAROPA	305,610	325,138	326,718	334,515	263,017
Bicol Region	231,094	231,557	273,323	305,506	289,091
Western Visayas	788,520	834,530	877,388	957,834	782,465
Central Visayas	87,627	84,634	119,562	106,760	94,651
Eastern Visayas	318,137	355,609	398,735	378,995	401,559
Zamboanga Peninsula	168,895	193,513	176,474	182,621	176,042
Northern Mindanao	31,513	35,870	43,307	51,692	50,747
Davao Region	48,266	40,044	40,867	37,435	35,596
SOCCSKSARGEN	187,415	194,302	236,367	232,045	200,072
Caraga	110,390	129,437	135,111	134,295	123,620
ARMM	312,180	319,737	381,291	385,781	420,012
Area Harvested (ha)					
PHILIPPINES	**1,332,044**	**1,355,877**	**1,427,339**	**1,476,547**	**1,345,836**
CAR	13,245	27,318	26,805	26,103	25,792
Ilocos Region	138,468	139,522	141,729	133,775	133,353
Cagayan Valley	69,884	73,326	82,201	86,132	64,768
Central Luzon	83,414	84,528	85,951	84,216	82,328
CALABARZON	29,573	29,203	32,096	31,914	24,630
MIMAROPA	104,310	108,326	108,800	108,788	96,372
Bicol Region	97,579	90,001	97,944	107,542	100,548
Western Visayas	287,333	293,186	309,021	332,757	267,689
Central Visayas	50,011	45,889	50,367	48,844	44,410
Eastern Visayas	127,254	137,709	145,175	141,764	146,437
Zamboanga Peninsula	56,829	61,358	55,629	60,339	55,708
Northern Mindanao	11,433	11,529	14,622	17,116	16,319
Davao Region	17,518	13,665	12,277	11,593	11,592
SOCCSKSARGEN	67,946	68,833	79,234	82,634	71,859
Caraga	40,347	43,568	48,986	51,241	45,887
ARMM	136,900	127,916	136,502	151,789	158,144
Yield Per Hectare (mt)					
PHILIPPINES	**2.80**	**2.93**	**2.98**	**2.83**	**2.81**
CAR	2.74	2.67	2.72	2.64	2.52
Ilocos Region	3.98	4.04	4.08	3.16	3.38
Cagayan Valley	2.65	2.71	2.53	2.72	1.74
Central Luzon	3.75	3.71	3.54	3.18	2.98
CALABARZON	1.92	2.63	2.72	2.56	2.83
MIMAROPA	2.93	3.00	3.00	3.07	2.73
Bicol Region	2.37	2.57	2.79	2.84	2.88
Western Visayas	2.74	2.85	2.84	2.88	2.92
Central Visayas	1.75	1.84	2.37	2.19	2.13
Eastern Visayas	2.50	2.58	2.75	2.67	2.74
Zamboanga Peninsula	2.97	3.15	3.17	3.03	3.16
Northern Mindanao	2.76	3.11	2.96	3.02	3.11
Davao Region	2.76	2.93	3.33	3.23	3.07
SOCCSKSARGEN	2.76	2.82	2.98	2.81	2.78
Caraga	2.74	2.97	2.76	2.62	2.69
ARMM	2.28	2.50	2.79	2.54	2.66

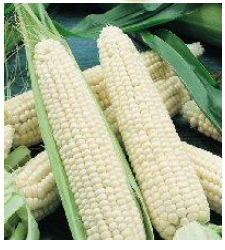
HIGHLIGHTS

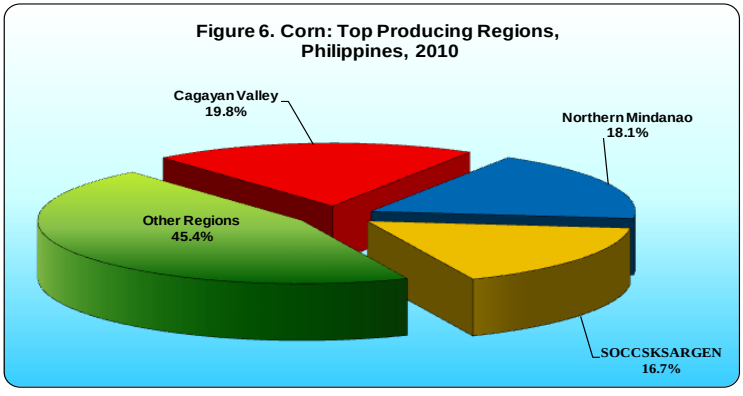
CORN

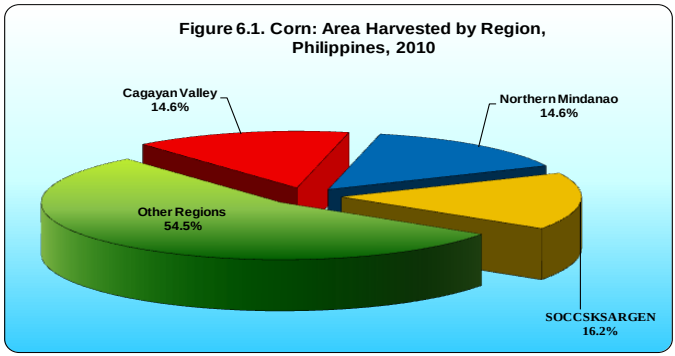
Corn production grew from 6.082 million MT in 2006 to 6.377 million MT in 2010 with an average annual growth of 1.45 percent. In 2010, production was 9.3 percent lower than the 2009 output of 7.034 million MT (Figure 5). However, area harvested contracted from 2.571 million hectares in 2006 to 2.499 million hectares in 2010 or by 0.63 percent annually. The increase in production was attributed to the improvement in yield per hectare (Table 2.4).



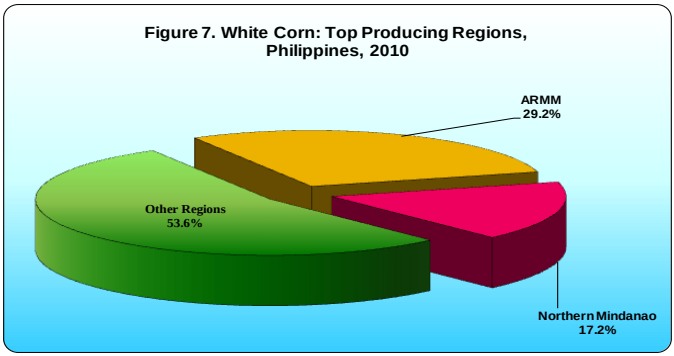
In 2010, Cagayan Valley, Northern Mindanao and SOCCSKSARGEN were the major producing regions with a combined output of 3.481 million MT or 54.6 percent of the national corn production (Figure 6). Total area harvested in these regions was 1.136 million hectares or 45.5 percent of the country's 2.499 million hectares for corn (Figure 6.1).

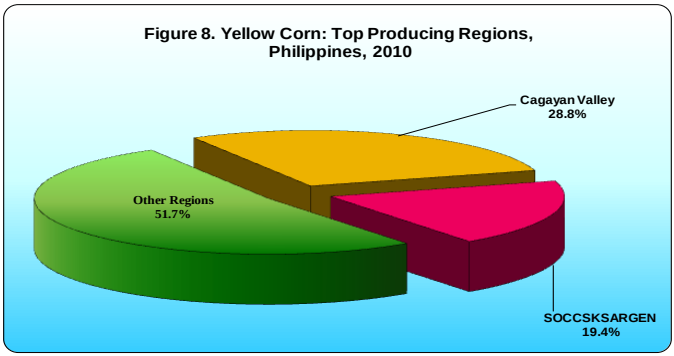






White corn production of the country was 2.169 million MT. ARMM was the top producer at 632,745 MT. It registered a 29.2 percent share in the national output. This was followed by Northern Mindanao with 372,834 MT corn output or 17.2 percent share in the country's white corn production (Figure 7).





Yellow corn production was highest in Cagayan Valley at 1.213 million MT or 28.8 percent of the total yellow corn production of 4.208 million MT. SOCCSKSARGEN was the second largest producer with 817,874 MT or 19.4 percent of the national corn production (Figure 8).

Table 2.4 CORN: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**6,082,109**	**6,736,940**	**6,928,225**	**7,034,033**	**6,376,796**
CAR	160,109	175,582	196,421	201,773	172,195
Ilocos Region	320,167	335,575	363,662	351,103	358,445
Cagayan Valley	1,219,382	1,281,309	1,476,879	1,598,198	1,263,614
Central Luzon	182,763	198,590	225,915	217,245	197,890
CALABARZON	53,412	66,249	60,319	51,949	60,209
MIMAROPA	107,559	114,715	110,088	103,906	67,712
Bicol Region	142,264	195,826	202,675	197,116	174,479
Western Visayas	257,589	314,507	350,259	272,844	247,997
Central Visayas	180,983	199,420	175,260	186,479	178,413
Eastern Visayas	76,162	88,252	96,594	94,821	90,215
Zamboanga Peninsula	204,391	219,679	181,809	177,248	195,349
Northern Mindanao	964,327	1,048,344	1,127,564	1,170,624	1,153,239
Davao Region	343,907	354,247	286,410	225,078	202,354
SOCCSKSARGEN	1,087,843	1,123,584	1,117,781	1,146,629	1,064,448
Caraga	86,434	126,037	99,916	88,591	94,571
ARMM	694,817	895,024	856,673	950,429	855,666
Area Harvested (ha)					
PHILIPPINES	**2,570,673**	**2,648,317**	**2,661,021**	**2,683,890**	**2,499,040**
CAR	44,838	50,087	52,698	55,212	48,991
Ilocos Region	68,680	72,115	74,460	73,153	75,342
Cagayan Valley	361,779	369,159	390,537	417,121	364,723
Central Luzon	41,897	43,935	48,307	45,749	42,977
CALABARZON	30,583	32,618	34,451	35,204	29,687
MIMAROPA	38,375	38,834	38,111	31,367	22,984
Bicol Region	80,789	89,513	100,274	106,715	101,812
Western Visayas	120,400	130,949	142,448	125,769	112,502
Central Visayas	239,745	248,902	236,248	231,473	215,980
Eastern Visayas	59,175	63,145	65,756	68,463	64,672
Zamboanga Peninsula	160,386	154,101	129,061	135,850	142,559
Northern Mindanao	378,273	369,839	383,695	381,373	365,955
Davao Region	204,304	196,848	188,362	174,674	153,282
SOCCSKSARGEN	419,039	418,594	430,221	430,182	405,644
Caraga	44,869	57,514	50,470	39,520	39,601
ARMM	277,541	312,164	295,922	332,065	312,329
Yield Per Hectare (mt)					
PHILIPPINES	**2.37**	**2.54**	**2.60**	**2.62**	**2.55**
CAR	3.57	3.51	3.73	3.65	3.51
Ilocos Region	4.66	4.65	4.88	4.80	4.76
Cagayan Valley	3.37	3.47	3.78	3.83	3.46
Central Luzon	4.36	4.52	4.68	4.75	4.60
CALABARZON	1.75	2.03	1.75	1.48	2.03
MIMAROPA	2.80	2.95	2.89	3.31	2.95
Bicol Region	1.76	2.19	2.02	1.85	1.71
Western Visayas	2.14	2.40	2.46	2.17	2.20
Central Visayas	0.75	0.80	0.74	0.81	0.83
Eastern Visayas	1.29	1.40	1.47	1.38	1.39
Zamboanga Peninsula	1.27	1.43	1.41	1.30	1.37
Northern Mindanao	2.55	2.83	2.94	3.07	3.15
Davao Region	1.68	1.80	1.52	1.29	1.32
SOCCSKSARGEN	2.60	2.68	2.60	2.67	2.62
Caraga	1.93	2.19	1.98	2.24	2.39
ARMM	2.50	2.87	2.89	2.86	2.74

Table 2.5 WHITE CORN: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**2,360,840**	**2,527,633**	**2,254,567**	**2,316,434**	**2,169,103**
CAR	24,053	21,520	15,224	16,688	15,677
Ilocos Region	52,121	57,266	57,377	53,331	47,413
Cagayan Valley	61,249	64,618	64,368	71,298	50,907
Central Luzon	18,294	20,520	23,458	19,100	22,948
CALABARZON	23,088	30,996	31,084	28,684	35,665
MIMAROPA	9,121	11,851	11,032	15,430	10,654
Bicol Region	40,077	46,745	49,746	50,728	45,564
Western Visayas	57,362	64,319	73,684	58,515	54,249
Central Visayas	167,299	183,695	165,387	180,735	176,985
Eastern Visayas	70,608	80,185	86,634	82,428	77,580
Zamboanga Peninsula	191,351	188,463	150,399	145,074	163,986
Northern Mindanao	368,959	358,259	381,578	382,661	372,834
Davao Region	258,594	234,094	188,007	176,406	166,414
SOCCSKSARGEN	411,322	379,165	297,311	287,903	246,574
Caraga	62,382	86,994	66,161	54,820	48,908
ARMM	544,960	698,943	593,117	692,633	632,745
Area Harvested (ha)					
PHILIPPINES	**1,471,453**	**1,469,327**	**1,367,410**	**1,402,845**	**1,338,943**
CAR	12,348	11,395	8,759	8,856	8,350
Ilocos Region	17,190	18,227	18,044	16,980	15,825
Cagayan Valley	28,006	27,871	26,045	28,453	24,442
Central Luzon	9,276	9,582	10,243	9,496	10,673
CALABARZON	12,917	16,352	19,538	22,242	18,789
MIMAROPA	6,233	7,566	6,665	7,324	6,431
Bicol Region	43,446	48,973	52,314	58,977	55,873
Western Visayas	46,276	47,186	51,930	47,282	43,980
Central Visayas	230,400	240,010	229,946	228,429	215,342
Eastern Visayas	55,572	57,989	59,958	61,405	57,439
Zamboanga Peninsula	155,086	142,632	117,140	122,980	131,786
Northern Mindanao	221,275	203,534	199,490	192,053	188,112
Davao Region	175,551	159,206	153,433	156,453	139,643
SOCCSKSARGEN	188,697	174,765	152,362	153,429	140,535
Caraga	38,370	46,774	41,185	31,001	28,902
ARMM	230,810	257,265	220,358	257,485	252,821
Yield Per Hectare (mt)					
PHILIPPINES	**1.60**	**1.72**	**1.65**	**1.65**	**1.62**
CAR	1.95	1.89	1.74	1.88	1.88
Ilocos Region	3.03	3.14	3.18	3.14	3.00
Cagayan Valley	2.19	2.32	2.47	2.51	2.08
Central Luzon	1.97	2.14	2.29	2.01	2.15
CALABARZON	1.79	1.90	1.59	1.29	1.90
MIMAROPA	1.46	1.57	1.66	2.11	1.66
Bicol Region	0.92	0.95	0.95	0.86	0.82
Western Visayas	1.24	1.36	1.42	1.24	1.23
Central Visayas	0.73	0.77	0.72	0.79	0.82
Eastern Visayas	1.27	1.38	1.44	1.34	1.35
Zamboanga Peninsula	1.23	1.32	1.28	1.18	1.24
Northern Mindanao	1.67	1.76	1.91	1.99	1.98
Davao Region	1.47	1.47	1.23	1.13	1.19
SOCCSKSARGEN	2.18	2.17	1.95	1.88	1.75
Caraga	1.63	1.86	1.61	1.77	1.69
ARMM	2.36	2.72	2.69	2.69	2.50

Table 2.6 YELLOW CORN: PRODUCTION, AREA HARVESTED AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**3,721,269**	**4,209,307**	**4,673,658**	**4,717,599**	**4,207,693**
CAR	136,056	154,062	181,197	185,085	156,518
Ilocos Region	268,046	278,309	306,285	297,772	311,032
Cagayan Valley	1,158,133	1,216,691	1,412,511	1,526,900	1,212,707
Central Luzon	164,469	178,070	202,457	198,145	174,942
CALABARZON	30,324	35,253	29,235	23,265	24,544
MIMAROPA	98,438	102,864	99,056	88,476	57,058
Bicol Region	102,187	149,081	152,929	146,388	128,915
Western Visayas	200,227	250,188	276,575	214,329	193,748
Central Visayas	13,684	15,725	9,873	5,744	1,428
Eastern Visayas	5,554	8,067	9,960	12,393	12,635
Zamboanga Peninsula	13,040	31,216	31,410	32,174	31,363
Northern Mindanao	595,368	690,085	745,986	787,963	780,405
Davao Region	85,313	120,153	98,403	48,672	35,940
SOCCSKSARGEN	676,521	744,419	820,470	858,726	817,874
Caraga	24,052	39,043	33,755	33,771	45,663
ARMM	149,857	196,081	263,556	257,796	222,921
Area Harvested (ha)					
PHILIPPINES	**1,099,220**	**1,178,990**	**1,293,611**	**1,281,045**	**1,160,097**
CAR	32,490	38,692	43,939	46,356	40,641
Ilocos Region	51,490	53,888	56,416	56,173	59,517
Cagayan Valley	333,773	341,288	364,492	388,668	340,281
Central Luzon	32,621	34,353	38,064	36,253	32,304
CALABARZON	17,666	16,266	14,913	12,962	10,898
MIMAROPA	32,142	31,268	31,446	24,043	16,553
Bicol Region	37,343	40,540	47,960	47,738	45,939
Western Visayas	74,124	83,763	90,518	78,487	68,522
Central Visayas	9,345	8,892	6,302	3,044	638
Eastern Visayas	3,603	5,156	5,798	7,058	7,233
Zamboanga Peninsula	5,300	11,469	11,921	12,870	10,773
Northern Mindanao	156,998	166,305	184,205	189,320	177,843
Davao Region	28,753	37,642	34,929	18,221	13,639
SOCCSKSARGEN	230,342	243,829	277,859	276,753	265,109
Caraga	6,499	10,740	9,285	8,519	10,699
ARMM	46,731	54,899	75,564	74,580	59,508
Yield Per Hectare (mt)					
PHILIPPINES	**3.39**	**3.57**	**3.61**	**3.68**	**3.63**
CAR	4.19	3.98	4.12	3.99	3.85
Ilocos Region	5.21	5.16	5.43	5.30	5.23
Cagayan Valley	3.47	3.56	3.88	3.93	3.56
Central Luzon	5.04	5.18	5.32	5.47	5.42
CALABARZON	1.72	2.17	1.96	1.79	2.25
MIMAROPA	3.06	3.29	3.15	3.68	3.45
Bicol Region	2.74	3.68	3.19	3.07	2.81
Western Visayas	2.70	2.99	3.06	2.73	2.83
Central Visayas	1.46	1.77	1.57	1.89	2.24
Eastern Visayas	1.54	1.56	1.72	1.76	1.75
Zamboanga Peninsula	2.46	2.72	2.63	2.50	2.91
Northern Mindanao	3.79	4.15	4.05	4.16	4.39
Davao Region	2.97	3.19	2.82	2.67	2.64
SOCCSKSARGEN	2.94	3.05	2.95	3.10	3.09
Caraga	3.70	3.64	3.64	3.96	4.27
ARMM	3.21	3.57	3.49	3.46	3.75

B. FRUIT CROPS

HIGHLIGHTS

BANANA

During the reference years, 2006 to 2010, banana production grew by an average of 7.74 percent annually. Likewise, area planted to banana increased by 1.18 percent (Figure 1).

In 2010, banana production was 9,101 thousand mt or 0.98 percent higher than the 2009 level. The increase was attributed to the additional harvest areas in Davao Region, SOCCSKSARGEN and MIMAROPA, bigger bunches in Zamboanga Peninsula and increase in bearing hills in Northern Mindanao, Caraga and ARMM. In the same year, area planted to banana at 449,443 hectares was 0.69 percent higher than the area planted in 2009.

Davao Region, the top banana producer, contributed 42 percent (Figure 2) to the country's banana production. This region which also had the largest area planted to banana accounted for 19 percent of the country's banana area in 2010 (Figure 3).

Figure 1. Banana: Volume of production, area planted and number of bearing hills, Philippines, 2006-2010

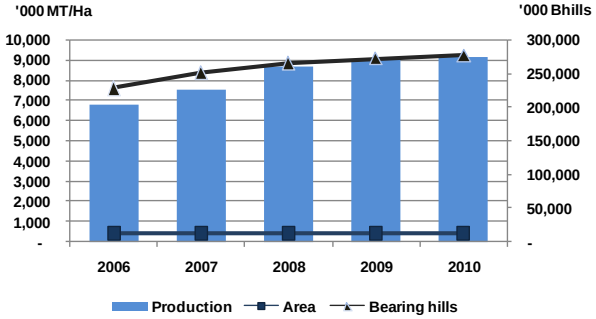


Figure 2. Banana: Top producing regions, Philippines, 2010

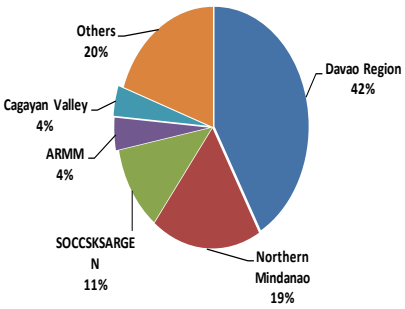
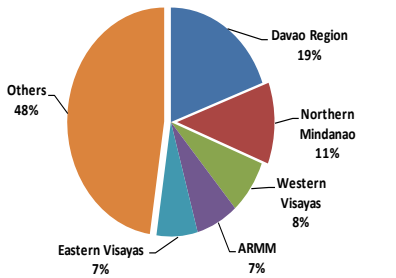
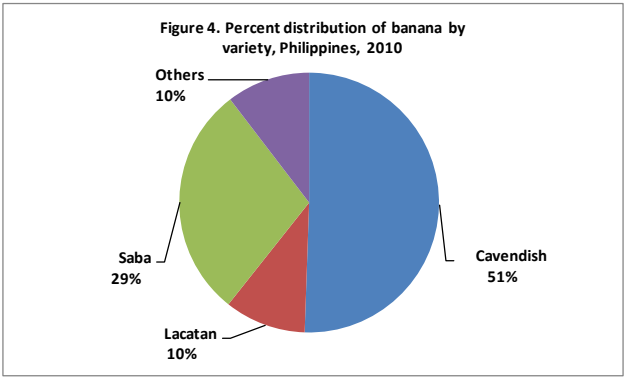


Figure 3. Banana: Distribution of area planted by region, Philippines, 2010



Cavendish variety. From 2006 to 2010, production of Cavendish variety recorded an average annual growth rate of 13.67 percent. During the same period, area planted to Cavendish variety expanded by 4.15 percent and the number of bearing hills grew by 11.53 percent.

Production of Cavendish variety in 2010 was 4,601 thousand mt or 2.29 percent more than the 2009 level. This variety represented 51 percent of the total banana production (Figure 4). The increment in production was due to the additional harvest areas in Davao Region, SOCCSK-SARGEN and Northern Mindanao and the additional bearing hills in ARMM.



Davao Region remained as the largest Cavendish variety producer with total output of 2,927 thousand mt and shared 64 percent to the country's Cavendish variety production. The region shared 60 percent to the total area planted to Cavendish variety and 65 percent to the total number of bearing hills.

Lacatan variety. Production of lacatan variety from 2006 to 2010 increased by an average of 2.48 percent annually. During the same period, the average annual growth of area planted was 1.96 percent while the number of bearing hills went up by 4.12 percent.

In 2010, lacatan variety production at 922 thousand mt comprised 10 percent of the country's total banana production. Production during the year was 0.51 percent higher than the 2009 production. Area planted to lacatan variety was 56,579 hectares which represents an expansion of 327 hectares from the 2009 record.

The combined share of SOCCSKSARGEN, Davao Region and Northern Mindanao, the top three (3) lacatan variety producers, in the national output was 64 percent. Area planted in the region was 44 percent of the country's total area.

Saba variety. Production of saba variety grew by an average of 3.62 percent yearly from 2006 to 2010. Area planted to saba variety and number of bearing hills during the period increased annually by 0.58 percent and 0.60 percent, respectively.

In 2010, saba variety production was 2,633 thousand mt. This was 0.14 percent lower than the 2009 production. This variety represented 28 percent of the country's banana production. The decrease in production was due to the effects of the dry spell in Cagayan Valley, smaller fruits and bunches in Western Visayas and Central Visayas and the effects of typhoon Juan that hit Cagayan Valley and typhoon Basyang in CALABARZON.

Saba production in the major saba variety producing regions of Davao Region and SOCCSKSARGEN went down by 0.51 percent and 0.39 percent, respectively, from the last year's levels.

Table 3.1 BANANA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**6,794,564**	**7,484,073**	**8,687,624**	**9,013,186**	**9,101,341**
CAR	25,054	26,786	26,700	26,981	25,669
Ilocos Region	41,950	46,393	46,114	43,270	41,220
Cagayan Valley	350,997	386,928	378,201	419,406	368,074
Central Luzon	50,821	51,634	54,796	54,714	58,216
CALABARZON	105,520	101,682	105,366	109,406	105,842
MIMAROPA	185,542	188,588	196,096	204,745	210,383
Bicol Region	63,772	55,459	67,599	73,512	77,892
Western Visayas	315,970	331,646	328,171	334,507	332,178
Central Visayas	163,291	157,153	169,643	187,533	182,323
Eastern Visayas	229,948	246,144	269,133	275,425	278,306
Zamboanga Peninsula	237,693	247,271	253,667	261,081	263,643
Northern Mindanao	662,189	933,114	1,631,304	1,657,686	1,702,392
Davao Region	2,945,845	3,180,331	3,569,079	3,749,766	3,804,460
SOCCSKSARGEN	830,822	935,565	998,635	1,024,009	1,043,811
Caraga	213,155	222,703	219,636	209,399	210,393
ARMM	371,994	372,676	373,486	381,745	396,539
Area (Ha)					
PHILIPPINES	**428,804**	**436,762**	**438,593**	**446,371**	**449,443**
CAR	4,121	5,056	4,956	4,864	4,842
Ilocos Region	7,874	7,889	7,863	7,818	7,615
Cagayan Valley	23,325	23,736	23,576	23,634	23,651
Central Luzon	6,279	6,290	6,305	6,291	6,295
CALABARZON	30,375	28,577	28,621	29,364	29,663
MIMAROPA	26,311	26,562	26,753	26,522	26,638
Bicol Region	18,730	18,751	18,754	18,694	18,809
Western Visayas	34,735	34,759	34,221	34,310	34,427
Central Visayas	21,066	21,086	21,097	21,500	21,541
Eastern Visayas	30,399	30,424	30,649	30,694	30,566
Zamboanga Peninsula	19,618	19,568	19,620	19,614	19,709
Northern Mindanao	49,228	49,750	49,903	50,527	51,519
Davao Region	73,297	78,647	80,221	86,302	87,313
SOCCSKSARGEN	26,779	28,794	29,101	28,876	29,243
Caraga	25,793	25,961	25,967	25,791	26,060
ARMM	30,874	30,913	30,988	31,570	31,552
Yield Per Hectare (mt)					
PHILIPPINES	**15.85**	**17.14**	**19.81**	**20.19**	**20.25**
CAR	6.08	5.30	5.39	5.55	5.30
Ilocos Region	5.33	5.88	5.86	5.53	5.41
Cagayan Valley	15.05	16.30	16.04	17.75	15.56
Central Luzon	8.09	8.21	8.69	8.70	9.25
CALABARZON	3.47	3.56	3.68	3.73	3.57
MIMAROPA	7.05	7.10	7.33	7.72	7.90
Bicol Region	3.40	2.96	3.60	3.93	4.14
Western Visayas	9.10	9.54	9.59	9.75	9.65
Central Visayas	7.75	7.45	8.04	8.72	8.46
Eastern Visayas	7.56	8.09	8.78	8.97	9.11
Zamboanga Peninsula	12.12	12.64	12.93	13.31	13.38
Northern Mindanao	13.45	18.76	32.69	32.81	33.04
Davao Region	40.19	40.44	44.49	43.45	43.57
SOCCSKSARGEN	31.03	32.49	34.32	35.46	35.69
Caraga	8.26	8.58	8.46	8.12	8.07
ARMM	12.05	12.06	12.05	12.09	12.57

Table 3.1a BANANA: NUMBER OF BEARING HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
BEARING HILLS (no.)					
PHILIPPINES	**228,036,614**	**250,538,983**	**264,356,573**	**271,047,238**	**276,405,963**
CAR	1,454,056	1,463,370	1,550,240	1,547,676	1,360,967
Ilocos Region	3,087,073	3,159,592	3,130,777	3,093,145	3,059,573
Cagayan Valley	15,159,635	14,976,443	14,883,540	14,858,599	14,287,350
Central Luzon	2,028,648	2,048,360	2,079,009	2,062,705	2,086,501
CALABARZON	9,504,883	8,839,673	9,024,617	9,089,691	9,089,171
MIMAROPA	11,092,888	10,486,808	10,749,567	10,780,269	11,030,711
Bicol Region	5,971,061	5,885,969	5,888,186	5,891,296	5,935,514
Western Visayas	15,538,397	15,499,620	15,482,180	14,902,646	14,901,113
Central Visayas	8,377,449	8,404,982	8,599,420	9,263,832	9,270,742
Eastern Visayas	8,858,994	9,341,678	9,387,494	9,470,574	9,597,416
Zamboanga Peninsula	6,920,463	7,140,254	7,139,955	7,048,624	7,195,658
Northern Mindanao	23,092,352	35,338,613	40,579,501	41,572,541	42,801,764
Davao Region	73,582,348	81,235,881	87,299,033	93,286,245	96,635,731
SOCCSKSARGEN	22,139,542	25,602,717	27,429,511	27,022,991	27,454,426
Caraga	9,345,231	9,579,749	9,455,483	9,392,270	9,462,289
ARMM	11,883,594	11,535,274	11,678,060	11,764,134	12,237,037
BEARING TREES PER HECTARE					
PHILIPPINES	**532**	**574**	**603**	**607**	**615**
CAR	353	289	313	318	281
Ilocos Region	392	401	398	396	402
Cagayan Valley	650	631	631	629	604
Central Luzon	323	326	330	328	331
CALABARZON	313	309	315	310	306
MIMAROPA	422	395	402	406	414
Bicol Region	319	314	314	315	316
Western Visayas	447	446	452	434	433
Central Visayas	398	399	408	431	430
Eastern Visayas	291	307	306	309	314
Zamboanga Peninsula	353	365	364	359	365
Northern Mindanao	469	710	813	823	831
Davao Region	1,004	1,033	1,088	1,081	1,107
SOCCSKSARGEN	827	889	943	936	939
Caraga	362	369	364	364	363
ARMM	385	373	377	373	388
YIELD PER BEARING HILLS (kg)					
PHILIPPINES	**29.80**	**29.87**	**32.86**	**33.25**	**32.93**
CAR	17.23	18.30	17.22	17.43	18.86
Ilocos Region	13.59	14.68	14.73	13.99	13.47
Cagayan Valley	23.15	25.84	25.41	28.23	25.76
Central Luzon	25.05	25.21	26.36	26.53	27.90
CALABARZON	11.10	11.50	11.68	12.04	11.64
MIMAROPA	16.73	17.98	18.24	18.99	19.07
Bicol Region	10.68	9.42	11.48	12.48	13.12
Western Visayas	20.33	21.40	21.20	22.45	22.29
Central Visayas	19.49	18.70	19.73	20.24	19.67
Eastern Visayas	25.96	26.35	28.67	29.08	29.00
Zamboanga Peninsula	34.35	34.63	35.53	37.04	36.64
Northern Mindanao	28.68	26.40	40.20	39.87	39.77
Davao Region	40.03	39.15	40.88	40.20	39.37
SOCCSKSARGEN	37.53	36.54	36.41	37.89	38.02
Caraga	22.81	23.25	23.23	22.29	22.23
ARMM	31.30	32.31	31.98	32.45	32.40

Table 3.1.1 BANANA CAVENDISH: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**2,810,985**	**3,323,072**	**4,328,989**	**4,497,722**	**4,600,617**
CAR					
Ilocos Region					
Cagayan Valley				305	281
Central Luzon					
CALABARZON				149	107
MIMAROPA					
Bicol Region					
Western Visayas	1,583	1,591	1,568	1,558	1,552
Central Visayas	118	128	279	824	823
Eastern Visayas			55	190	192
Zamboanga Peninsula	200	194	197	187	169
Northern Mindanao	172,013	412,713	1,076,751	1,095,816	1,117,121
Davao Region	2,231,413	2,439,988	2,746,338	2,877,651	2,927,247
SOCCSKSARGEN	294,292	358,441	392,886	405,861	432,474
Caraga	12,786	13,768	14,527	14,674	14,739
ARMM	98,579	96,249	96,388	100,508	105,912
Area (Ha)					
PHILIPPINES	**67,803**	**74,013**	**75,151**	**77,599**	**79,642**
CAR					
Ilocos Region					
Cagayan Valley		5	5	6	6
Central Luzon					
CALABARZON	2	2		25	44
MIMAROPA					
Bicol Region					
Western Visayas	139	142	145	146	148
Central Visayas	13	14	27	86	94
Eastern Visayas			15	34	34
Zamboanga Peninsula	31	31	30	30	30
Northern Mindanao	15,046	15,546	15,545	16,059	16,707
Davao Region	40,585	44,691	45,655	47,435	48,153
SOCCSKSARGEN	7,280	8,860	8,995	8,833	9,219
Caraga	544	557	569	580	842
ARMM	4,163	4,165	4,165	4,365	4,365
Yield Per Hectare (mt)					
PHILIPPINES	**41.46**	**44.90**	**57.60**	**57.96**	**57.77**
CAR					
Ilocos Region					
Cagayan Valley				50.83	46.83
Central Luzon					
CALABARZON				5.94	2.43
MIMAROPA					
Bicol Region					
Western Visayas	11.37	11.20	10.81	10.67	10.45
Central Visayas	9.11	9.14	10.34	9.58	8.76
Eastern Visayas			3.69	5.55	5.62
Zamboanga Peninsula	6.46	6.27	6.57	6.34	5.74
Northern Mindanao	11.43	26.55	69.27	68.24	66.87
Davao Region	54.98	54.60	60.15	60.67	60.79
SOCCSKSARGEN	40.42	40.46	43.68	45.95	46.91
Caraga	23.50	24.72	25.53	25.30	17.51
ARMM	23.68	23.11	23.14	23.03	24.26

Table 3.1.1a BANANA CAVENDISH: NUMBER OF BEARING HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
BEARING HILLS (no.)					
PHILIPPINES	**73,914,227**	**92,933,070**	**105,089,123**	**109,301,924**	**112,902,991**
CAR					
Ilocos Region					
Cagayan Valley				4,000	4,000
Central Luzon					
CALABARZON	300	300		19,000	19,000
MIMAROPA					
Bicol Region					
Western Visayas	63,472	63,830	63,780	63,856	64,498
Central Visayas	4,550	4,760	15,436	35,450	35,178
Eastern Visayas			3,296	17,504	18,175
Zamboanga Peninsula	7,539	7,559	7,609	6,289	7,079
Northern Mindanao	6,190,718	17,790,708	22,520,085	23,519,585	24,526,000
Davao Region	56,069,941	61,703,537	67,586,761	71,170,988	73,062,536
SOCCSKSARGEN	8,734,797	10,991,120	12,426,350	11,959,402	12,417,775
Caraga	440,060	441,356	441,056	453,200	491,100
ARMM	2,402,850	1,929,900	2,024,750	2,052,650	2,257,650
BEARING TREES PER HECTARE					
PHILIPPINES	**1,090**	**1,256**	**1,398**	**1,409**	**1,418**
CAR					
Ilocos Region					
Cagayan Valley				667	667
Central Luzon					
CALABARZON	150	150		760	432
MIMAROPA					
Bicol Region					
Western Visayas	456	450	440	437	434
Central Visayas	350	340	572	412	374
Eastern Visayas			220	512	531
Zamboanga Peninsula	243	244	254	213	240
Northern Mindanao	411	1,144	1,449	1,465	1,468
Davao Region	1,382	1,381	1,480	1,500	1,517
SOCCSKSARGEN	1,200	1,241	1,381	1,354	1,347
Caraga	809	792	775	781	583
ARMM	577	463	486	470	517
YIELD PER BEARING HILLS (kg)					
PHILIPPINES	**38.03**	**35.76**	**41.19**	**41.15**	**40.75**
CAR					
Ilocos Region					
Cagayan Valley				76.25	70.25
Central Luzon					
CALABARZON				7.82	5.64
MIMAROPA					
Bicol Region					
Western Visayas	24.94	24.92	24.59	24.41	24.06
Central Visayas	26.02	26.88	18.09	23.24	23.40
Eastern Visayas			16.81	10.83	10.57
Zamboanga Peninsula	26.55	25.71	25.91	29.76	23.90
Northern Mindanao	27.79	23.20	47.81	46.59	45.55
Davao Region	39.80	39.54	40.63	40.43	40.06
SOCCSKSARGEN	33.69	32.61	31.62	33.94	34.83
Caraga	29.06	31.19	32.94	32.38	30.01
ARMM	41.03	49.87	47.61	48.97	46.91

Table 3.1.2 BANANA LACATAN: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**836,016**	**875,271**	**890,702**	**916,932**	**921,602**
CAR	4,103	4,846	4,804	4,930	4,318
Ilocos Region	1,160	1,135	1,095	1,005	931
Cagayan Valley	40,151	42,805	41,798	45,746	39,773
Central Luzon	11,168	11,635	12,829	12,854	13,200
CALABARZON	8,728	8,072	8,237	8,359	8,060
MIMAROPA	34,150	35,021	36,396	38,228	39,954
Bicol Region	2,935	2,632	3,362	3,554	3,720
Western Visayas	19,270	19,675	19,024	19,212	19,245
Central Visayas	12,290	11,189	12,515	14,690	14,310
Eastern Visayas	12,763	14,385	15,495	15,795	16,249
Zamboanga Peninsula	45,239	48,514	49,890	52,826	53,372
Northern Mindanao	135,799	145,588	152,631	154,704	164,923
Davao Region	174,858	187,303	188,762	205,200	207,496
SOCCSKSARGEN	216,795	225,881	228,537	225,388	219,189
Caraga	28,096	29,041	27,823	26,993	26,844
ARMM	88,510	87,549	87,503	87,449	90,015
Area (Ha)					
PHILIPPINES	**52,377**	**53,155**	**53,591**	**56,252**	**56,579**
CAR	698	987	975	968	959
Ilocos Region	299	291	288	290	280
Cagayan Valley	3,192	3,207	3,207	3,226	3,231
Central Luzon	1,253	1,262	1,281	1,282	1,292
CALABARZON	2,670	2,423	2,438	2,418	2,423
MIMAROPA	4,878	4,912	4,945	4,964	4,986
Bicol Region	1,060	1,063	1,063	1,063	1,080
Western Visayas	1,744	1,752	1,730	1,753	1,771
Central Visayas	2,320	2,332	2,344	2,353	2,374
Eastern Visayas	1,453	1,459	1,468	1,471	1,469
Zamboanga Peninsula	3,326	3,339	3,357	3,394	3,447
Northern Mindanao	6,612	6,610	6,685	6,691	6,747
Davao Region	7,789	8,391	8,626	11,023	11,144
SOCCSKSARGEN	6,725	6,885	6,945	6,872	6,863
Caraga	3,665	3,681	3,674	3,529	3,561
ARMM	4,693	4,561	4,565	4,954	4,952
Yield Per Hectare (mt)					
PHILIPPINES	**15.96**	**16.47**	**16.62**	**16.30**	**16.29**
CAR	5.88	4.91	4.93	5.09	4.50
Ilocos Region	3.88	3.90	3.80	3.47	3.32
Cagayan Valley	12.58	13.35	13.03	14.18	12.31
Central Luzon	8.91	9.22	10.01	10.03	10.22
CALABARZON	3.27	3.33	3.38	3.46	3.33
MIMAROPA	7.00	7.13	7.36	7.70	8.01
Bicol Region	2.77	2.48	3.16	3.34	3.44
Western Visayas	11.05	11.23	11.00	10.96	10.86
Central Visayas	5.30	4.80	5.34	6.24	6.03
Eastern Visayas	8.79	9.86	10.55	10.74	11.07
Zamboanga Peninsula	13.60	14.53	14.86	15.56	15.48
Northern Mindanao	20.54	22.03	22.83	23.12	24.44
Davao Region	22.45	22.32	21.88	18.62	18.62
SOCCSKSARGEN	32.24	32.81	32.91	32.80	31.94
Caraga	7.67	7.89	7.57	7.65	7.54
ARMM	18.86	19.20	19.17	17.65	18.18

Table 3.1.2a BANANA LACATAN: NUMBER OF BEARING HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
BEARING HILLS (no.)					
PHILIPPINES	**27,094,065**	**29,245,115**	**29,843,193**	**31,384,421**	**31,804,423**
CAR	216,218	227,009	264,870	272,479	205,592
Ilocos Region	96,946	92,908	89,863	87,274	79,990
Cagayan Valley	2,199,553	2,183,031	2,169,435	2,159,001	2,084,201
Central Luzon	458,129	461,481	474,229	477,479	477,650
CALABARZON	957,027	870,720	872,280	874,040	873,700
MIMAROPA	1,773,878	1,931,884	2,037,726	2,056,083	2,090,449
Bicol Region	323,496	320,489	320,531	320,629	326,033
Western Visayas	902,891	903,214	900,413	895,893	894,096
Central Visayas	1,015,316	1,015,324	1,067,154	1,115,523	1,081,859
Eastern Visayas	487,312	508,796	513,076	536,361	535,904
Zamboanga Peninsula	1,197,058	1,238,584	1,242,450	1,230,320	1,263,815
Northern Mindanao	4,476,517	4,769,950	4,878,900	4,881,863	5,048,552
Davao Region	4,305,332	5,242,429	5,376,524	6,828,798	7,144,594
SOCCSKSARGEN	5,334,341	6,062,680	6,213,215	6,229,493	6,156,306
Caraga	1,412,550	1,481,750	1,482,900	1,465,700	1,463,800
ARMM	1,937,501	1,934,866	1,939,627	1,953,485	2,077,882
BEARING TREES PER HECTARE					
PHILIPPINES	**517**	**550**	**557**	**558**	**562**
CAR	310	230	272	281	214
Ilocos Region	324	319	312	301	286
Cagayan Valley	689	681	676	669	645
Central Luzon	366	366	370	372	370
CALABARZON	358	359	358	361	361
MIMAROPA	364	393	412	414	419
Bicol Region	305	301	302	302	302
Western Visayas	518	516	520	511	505
Central Visayas	438	435	455	474	456
Eastern Visayas	335	349	349	365	365
Zamboanga Peninsula	360	371	370	362	367
Northern Mindanao	677	722	730	730	748
Davao Region	553	625	623	620	641
SOCCSKSARGEN	793	881	895	907	897
Caraga	385	403	404	415	411
ARMM	413	424	425	394	420
YIELD PER BEARING HILLS (kg)					
PHILIPPINES	**30.86**	**29.93**	**29.85**	**29.22**	**28.98**
CAR	18.98	21.35	18.14	18.09	21.00
Ilocos Region	11.96	12.22	12.19	11.52	11.64
Cagayan Valley	18.25	19.61	19.27	21.19	19.08
Central Luzon	24.38	25.21	27.05	26.92	27.64
CALABARZON	9.12	9.27	9.44	9.56	9.23
MIMAROPA	19.25	18.13	17.86	18.59	19.11
Bicol Region	9.07	8.21	10.49	11.08	11.41
Western Visayas	21.34	21.78	21.13	21.44	21.53
Central Visayas	12.10	11.02	11.73	13.17	13.23
Eastern Visayas	26.19	28.27	30.20	29.45	30.32
Zamboanga Peninsula	37.79	39.17	40.15	42.94	42.23
Northern Mindanao	30.34	30.52	31.28	31.69	32.67
Davao Region	40.61	35.73	35.11	30.05	29.04
SOCCSKSARGEN	40.64	37.26	36.78	36.18	35.60
Caraga	19.89	19.60	18.76	18.42	18.34
ARMM	45.68	45.25	45.11	44.77	43.32

Table 3.1.3 BANANA SABA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**2,285,809**	**2,385,614**	**2,526,835**	**2,636,342**	**2,632,692**
CAR	8,068	8,715	8,989	9,090	9,021
Ilocos Region	21,908	23,448	23,118	21,573	20,365
Cagayan Valley	244,841	272,860	268,663	302,776	267,578
Central Luzon	23,882	23,861	25,566	25,068	27,928
CALABARZON	67,430	65,296	67,565	70,343	68,131
MIMAROPA	112,931	115,181	121,094	126,831	130,686
Bicol Region	32,549	29,045	35,443	38,636	40,745
Western Visayas	190,128	201,772	200,390	205,426	203,497
Central Visayas	110,675	107,156	116,207	126,672	122,977
Eastern Visayas	153,911	162,828	176,903	180,061	182,217
Zamboanga Peninsula	127,377	134,099	136,980	140,002	143,631
Northern Mindanao	226,990	238,694	253,216	259,750	269,395
Davao Region	470,975	480,171	548,341	576,523	579,465
SOCCSKSARGEN	263,295	285,560	307,192	320,277	321,523
Caraga	114,113	117,361	116,941	109,532	114,201
ARMM	116,737	119,566	120,228	123,782	131,333
Area (Ha)					
PHILIPPINES	**181,568**	**183,028**	**183,139**	**185,118**	**185,800**
CAR	1,040	1,338	1,336	1,304	1,328
Ilocos Region	3,269	3,275	3,270	3,267	3,161
Cagayan Valley	14,203	14,513	14,360	14,387	14,397
Central Luzon	2,444	2,445	2,444	2,439	2,439
CALABARZON	16,572	16,300	16,337	17,087	17,312
MIMAROPA	14,394	14,582	14,712	14,720	14,791
Bicol Region	9,509	9,510	9,512	9,462	9,500
Western Visayas	19,019	19,039	18,742	18,701	18,721
Central Visayas	12,567	12,567	12,567	12,891	12,896
Eastern Visayas	14,475	14,477	14,571	14,579	14,607
Zamboanga Peninsula	8,267	8,255	8,319	8,351	8,399
Northern Mindanao	12,557	12,623	12,694	12,831	12,972
Davao Region	20,607	21,032	21,084	21,866	21,943
SOCCSKSARGEN	9,111	9,259	9,314	9,346	9,296
Caraga	9,309	9,374	9,384	9,394	9,417
ARMM	14,225	14,439	14,492	14,493	14,621
Yield Per Hectare (mt)					
PHILIPPINES	**12.59**	**13.03**	**13.80**	**14.24**	**14.17**
CAR	7.76	6.51	6.73	6.97	6.79
Ilocos Region	6.70	7.16	7.07	6.60	6.44
Cagayan Valley	17.24	18.80	18.71	21.05	18.59
Central Luzon	9.77	9.76	10.46	10.28	11.45
CALABARZON	4.07	4.01	4.14	4.12	3.94
MIMAROPA	7.85	7.90	8.23	8.62	8.84
Bicol Region	3.42	3.05	3.73	4.08	4.29
Western Visayas	10.00	10.60	10.69	10.98	10.87
Central Visayas	8.81	8.53	9.25	9.83	9.54
Eastern Visayas	10.63	11.25	12.14	12.35	12.47
Zamboanga Peninsula	15.41	16.24	16.47	16.76	17.10
Northern Mindanao	18.08	18.91	19.95	20.24	20.77
Davao Region	22.86	22.83	111.55	114.16	26.41
SOCCSKSARGEN	28.90	30.84	32.98	34.27	34.59
Caraga	12.26	12.52	12.46	11.66	12.13
ARMM	8.21	8.28	8.30	8.54	8.98

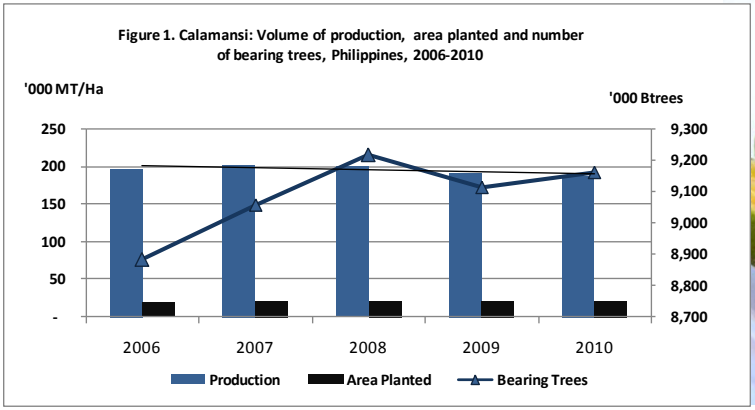
Table 3.1.3a BANANA SABA: NUMBER OF BEARING HILLS, BEARING TREES PER HECTARE AND YIELD PER BEARING HILLS, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
BEARING HILLS (no.)					
PHILIPPINES	**76,714,879**	**76,843,550**	**77,109,265**	**77,905,041**	**78,584,660**
CAR	419,777	429,870	467,782	464,590	427,858
Ilocos Region	1,271,286	1,283,451	1,266,925	1,250,303	1,231,081
Cagayan Valley	9,154,073	9,032,236	8,885,646	8,890,325	8,573,843
Central Luzon	690,559	692,261	733,476	708,892	730,236
CALABARZON	4,885,765	4,885,960	4,844,360	4,889,120	4,889,180
MIMAROPA	6,672,291	5,718,927	5,846,345	5,957,017	6,126,477
Bicol Region	2,749,265	2,744,927	2,745,687	2,746,935	2,762,924
Western Visayas	7,969,909	7,994,964	7,979,066	7,618,011	7,614,511
Central Visayas	4,470,311	4,463,662	4,469,849	4,953,548	4,953,548
Eastern Visayas	3,971,435	4,195,291	4,206,634	4,226,478	4,303,847
Zamboanga Peninsula	3,195,908	3,339,460	3,341,480	3,299,840	3,367,180
Northern Mindanao	6,353,834	6,477,100	6,602,190	6,594,542	6,642,882
Davao Region	10,850,302	11,311,784	11,294,122	11,796,668	12,188,314
SOCCSKSARGEN	5,818,795	6,002,340	6,130,981	6,174,178	6,209,278
Caraga	3,204,877	3,218,502	3,213,952	3,224,215	3,280,040
ARMM	5,036,492	5,052,815	5,080,770	5,110,379	5,283,461
BEARING TREES PER HECTARE					
PHILIPPINES	**423**	**420**	**421**	**421**	**423**
CAR	404	321	350	356	322
Ilocos Region	389	392	387	383	390
Cagayan Valley	645	622	619	618	596
Central Luzon	283	283	300	291	299
CALABARZON	295	300	297	286	282
MIMAROPA	464	392	397	405	414
Bicol Region	289	289	289	290	291
Western Visayas	419	420	426	407	407
Central Visayas	356	355	356	384	384
Eastern Visayas	274	290	289	290	295
Zamboanga Peninsula	387	405	402	395	401
Northern Mindanao	506	513	520	514	512
Davao Region	527	538	536	539	555
SOCCSKSARGEN	639	648	658	661	668
Caraga	344	343	342	343	348
ARMM	354	350	351	353	361
YIELD PER BEARING HILLS (kg)					
PHILIPPINES	**29.80**	**31.05**	**32.77**	**33.84**	**33.50**
CAR	19.22	20.27	19.22	19.57	21.08
Ilocos Region	17.23	18.27	18.25	17.25	16.54
Cagayan Valley	26.75	30.21	30.24	34.06	31.21
Central Luzon	34.58	34.47	34.86	35.36	38.24
CALABARZON	13.80	13.36	13.95	14.39	13.93
MIMAROPA	16.93	20.14	20.71	21.29	21.33
Bicol Region	11.84	10.58	12.91	14.06	14.75
Western Visayas	23.86	25.24	25.11	26.97	26.72
Central Visayas	24.76	24.01	26.00	25.57	24.83
Eastern Visayas	38.75	38.81	42.05	42.60	42.34
Zamboanga Peninsula	39.86	40.16	40.99	42.43	42.66
Northern Mindanao	35.72	36.85	38.35	39.39	40.55
Davao Region	43.41	42.45	48.55	48.87	47.54
SOCCSKSARGEN	45.25	47.57	50.10	51.87	51.78
Caraga	35.61	36.46	36.39	33.97	34.82
ARMM	23.18	23.66	23.66	24.22	24.86

HIGHLIGHTS

CALAMANSI

For the period 2006 to 2010, calamansi production decreased by an average annual rate of 1.04 percent. Area planted to calamansi and the number of bearing trees inched up by average annual rates of 0.90 percent and 0.79 percent, respectively (Figure 1).



In 2010, calamansi production at 188 thousand mt was 2.0 percent lower than the previous year's level. Trees in MIMAROPA developed low quality fruits due to El Nio. In Cagayan Valley, Western Visayas and Caraga, the drought resulted in smaller fruits harvested. Calamansi production in Cagayan Valley was also affected by typhoon Juan.

MIMAROPA was the largest calamansi producer in 2010, with a total output of 110 thousand mt and comprised 58 percent of the national production (Figure 2). Its area planted to calamansi was 7,977 hectares and represented 38 percent of the total area planted to calamansi in the country.

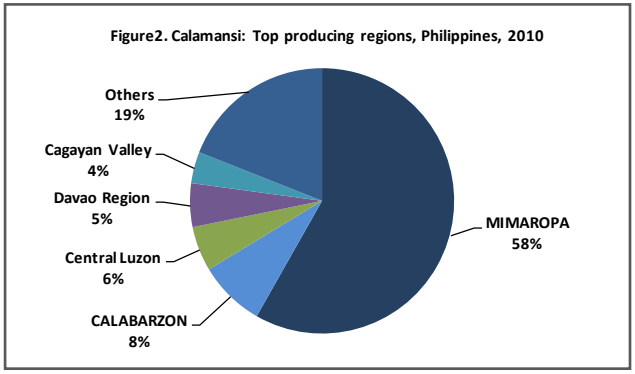


Table 3.2 CALAMANSI: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**196,595**	**201,619**	**199,675**	**192,187**	**188,340**
CAR	451	450	438	426	421
Ilocos Region	3,163	3,399	3,431	3,311	3,312
Cagayan Valley	6,104	8,529	8,481	7,631	7,253
Central Luzon	9,444	10,069	10,243	9,940	10,301
CALABARZON	13,884	14,961	15,337	15,096	15,328
MIMAROPA	120,709	121,047	118,245	113,436	109,612
Bicol Region	2,295	2,249	2,513	2,309	2,287
Western Visayas	7,489	7,281	6,944	6,552	6,162
Central Visayas	1,360	1,210	1,227	1,271	1,159
Eastern Visayas	2,401	2,432	2,454	2,483	2,467
Zamboanga Peninsula	5,549	5,384	5,907	5,702	5,748
Northern Mindanao	1,159	1,290	1,265	1,261	1,295
Davao Region	10,124	10,327	10,193	10,029	10,062
SOCCSKSARGEN	6,536	6,935	6,646	6,581	6,777
Caraga	4,787	4,896	5,203	4,994	4,943
ARMM	1,141	1,159	1,149	1,165	1,213
Area (Ha)					
PHILIPPINES	**20,253**	**20,545**	**20,956**	**20,912**	**20,987**
CAR	70	68	68	65	64
Ilocos Region	1,006	1,013	1,018	1,025	1,026
Cagayan Valley	1,032	1,109	1,180	1,182	1,182
Central Luzon	1,195	1,225	1,223	1,226	1,238
CALABARZON	1,450	1,423	1,478	1,480	1,480
MIMAROPA	7,938	7,949	7,962	7,966	7,977
Bicol Region	1,071	1,077	1,077	1,030	993
Western Visayas	975	971	962	939	934
Central Visayas	249	249	252	257	251
Eastern Visayas	184	187	192	195	196
Zamboanga Peninsula	690	725	979	981	1,087
Northern Mindanao	425	425	425	425	425
Davao Region	1,952	1,963	1,995	1,993	1,992
SOCCSKSARGEN	779	924	924	926	927
Caraga	1,089	1,089	1,072	1,073	1,066
ARMM	148	148	149	149	149
Yield Per Hectare (mt)					
PHILIPPINES	**9.71**	**9.81**	**9.53**	**9.19**	**8.97**
CAR	6.44	6.62	6.44	6.56	6.58
Ilocos Region	3.14	3.36	3.37	3.23	3.23
Cagayan Valley	5.92	7.69	7.19	6.46	6.14
Central Luzon	7.90	8.22	8.38	8.11	8.32
CALABARZON	9.58	10.51	10.38	10.20	10.36
MIMAROPA	15.21	15.23	14.85	14.24	13.74
Bicol Region	2.14	2.09	2.33	2.24	2.30
Western Visayas	7.68	7.50	7.22	6.98	6.60
Central Visayas	5.46	4.86	4.87	4.95	4.62
Eastern Visayas	13.07	13.04	12.82	12.74	12.59
Zamboanga Peninsula	8.04	7.43	6.03	5.81	5.29
Northern Mindanao	2.73	3.03	2.98	2.97	3.05
Davao Region	5.19	5.26	5.11	5.03	5.05
SOCCSKSARGEN	8.39	7.51	7.19	7.11	7.31
Caraga	4.40	4.50	4.85	4.65	4.64
ARMM	7.71	7.83	7.71	7.82	8.14

Table 3.2a CALAMANSI: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
BEARING TREES (no.)					
PHILIPPINES	**8,882,304**	**9,056,933**	**9,216,422**	**9,115,380**	**9,163,050**
CAR	34,603	33,911	33,814	32,975	33,009
Ilocos Region	377,835	378,951	379,050	401,232	403,617
Cagayan Valley	598,605	656,035	673,145	673,671	660,124
Central Luzon	462,358	503,690	510,930	519,730	526,515
CALABARZON	735,695	731,948	740,558	739,088	739,013
MIMAROPA	3,369,816	3,398,380	3,407,937	3,304,141	3,313,647
Bicol Region	261,657	262,412	266,265	239,815	224,097
Western Visayas	695,124	699,850	675,673	655,879	646,156
Central Visayas	108,995	114,595	115,040	115,092	113,795
Eastern Visayas	55,841	59,799	60,626	60,802	61,026
Zamboanga Peninsula	250,227	251,289	360,740	370,190	423,640
Northern Mindanao	122,858	133,070	133,285	132,137	134,947
Davao Region	994,447	994,975	996,700	1,006,378	1,000,671
SOCCSKSARGEN	405,377	415,312	434,904	435,955	454,198
Caraga	371,565	383,135	385,535	386,050	385,700
ARMM	37,300	39,580	42,220	42,245	42,895
BEARING TREES PER HECTARE					
PHILIPPINES	**439**	**441**	**440**	**436**	**437**
CAR	494	499	497	507	516
Ilocos Region	376	374	372	391	393
Cagayan Valley	580	592	570	570	558
Central Luzon	387	411	418	424	425
CALABARZON	507	514	501	499	499
MIMAROPA	425	428	428	415	415
Bicol Region	244	244	247	233	226
Western Visayas	713	721	702	698	692
Central Visayas	438	460	457	448	453
Eastern Visayas	304	321	317	312	311
Zamboanga Peninsula	363	347	368	377	390
Northern Mindanao	289	313	314	311	318
Davao Region	509	507	500	505	502
SOCCSKSARGEN	520	449	471	471	490
Caraga	341	352	360	360	362
ARMM	252	267	283	284	288
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**22.13**	**22.26**	**21.67**	**21.08**	**20.55**
CAR	13.02	13.28	12.96	12.93	12.75
Ilocos Region	8.37	8.97	9.05	8.25	8.21
Cagayan Valley	10.20	13.00	12.60	11.33	10.99
Central Luzon	20.43	19.99	20.05	19.13	19.57
CALABARZON	18.87	20.44	20.71	20.43	20.74
MIMAROPA	35.82	35.62	34.70	34.33	33.08
Bicol Region	8.77	8.57	9.44	9.63	10.21
Western Visayas	10.77	10.40	10.28	9.99	9.54
Central Visayas	12.48	10.56	10.67	11.05	10.18
Eastern Visayas	42.99	40.67	40.48	40.83	40.43
Zamboanga Peninsula	22.18	21.43	16.38	15.40	13.57
Northern Mindanao	9.44	9.69	9.49	9.55	9.59
Davao Region	10.18	10.38	10.23	9.97	10.06
SOCCSKSARGEN	16.12	16.70	15.28	15.10	14.92
Caraga	12.88	12.78	13.50	12.94	12.82
ARMM	30.59	29.29	27.21	27.57	28.27

Table 3.3 DURIAN: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**48,465**	**73,250**	**51,399**	**55,727**	**77,548**
CAR					
Ilocos Region					
Cagayan Valley					2
Central Luzon					
CALABARZON	76	75	73	81	79
MIMAROPA	10	11	13	13	14
Bicol Region					
Western Visayas	251	256	299	336	338
Central Visayas	4	2	6	17	17
Eastern Visayas	6	7	7	9	9
Zamboanga Peninsula	403	515	348	537	811
Northern Mindanao	1,331	1,511	1,438	1,932	2,151
Davao Region	28,293	51,222	36,787	42,817	55,606
SOCCSKSARGEN	2,155	2,896	2,230	2,985	3,455
Caraga	890	1,042	1,105	1,341	1,282
ARMM	15,045	15,714	9,092	5,660	13,785
Area (Ha)					
PHILIPPINES	**15,673**	**17,167**	**18,371**	**18,669**	**18,838**
CAR					
Ilocos Region					
Cagayan Valley		3	3	3	3
Central Luzon					
CALABARZON	33	33	34	34	34
MIMAROPA	19	21	24	25	30
Bicol Region					
Western Visayas	111	111	181	181	181
Central Visayas	3	3	8	17	18
Eastern Visayas	24	24	32	34	34
Zamboanga Peninsula	858	874	908	1,006	1,037
Northern Mindanao	1,154	1,155	1,359	1,414	1,419
Davao Region	9,168	10,363	11,194	11,299	11,409
SOCCSKSARGEN	1,546	1,771	1,812	1,815	1,828
Caraga	1,656	1,688	1,685	1,685	1,689
ARMM	1,101	1,121	1,131	1,156	1,156
Yield Per Hectare (mt)					
PHILIPPINES	**3.09**	**4.27**	**2.80**	**2.99**	**4.12**
CAR					
Ilocos Region					
Cagayan Valley					0.67
Central Luzon					
CALABARZON	2.30	2.27	2.16	2.38	2.32
MIMAROPA	0.54	0.50	0.54	0.51	0.47
Bicol Region					
Western Visayas	2.26	2.31	1.65	1.86	1.87
Central Visayas	1.33	0.60	0.79	1.02	0.98
Eastern Visayas	0.26	0.28	0.23	0.26	0.25
Zamboanga Peninsula	0.47	0.59	0.38	0.53	0.78
Northern Mindanao	1.15	1.31	1.06	1.37	1.52
Davao Region	3.09	4.94	3.29	3.79	4.87
SOCCSKSARGEN	1.39	1.64	1.23	1.64	1.89
Caraga	0.54	0.62	0.66	0.80	0.76
ARMM	13.66	14.02	8.04	4.90	11.92

Table 3.3a DURIAN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
BEARING TREES (no.)					
PHILIPPINES	**609,814**	**649,947**	**638,854**	**649,853**	**774,772**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	2,000	1,800	1,800	1,850	2,035
MIMAROPA	900	985	1,121	1,204	1,474
Bicol Region					
Western Visayas	4,742	4,772	4,802	5,062	5,062
Central Visayas	178	178	618	690	690
Eastern Visayas	175	175	216	273	280
Zamboanga Peninsula	14,674	16,054	16,075	17,205	21,379
Northern Mindanao	44,875	46,840	56,173	60,929	62,324
Davao Region	382,427	403,108	380,439	383,256	492,121
SOCCSKSARGEN	61,948	72,980	74,260	75,719	85,400
Caraga	36,975	41,785	41,840	41,840	41,805
ARMM	60,920	61,270	61,510	61,825	62,202
BEARING TREES PER HECTARE					
PHILIPPINES	**39**	**38**	**35**	**35**	**41**
CAR					
Ilocos Region					
Cagayan Valley					-
Central Luzon					
CALABARZON	61	55	53	54	60
MIMAROPA	47	47	48	48	49
Bicol Region					
Western Visayas	43	43	27	28	28
Central Visayas	59	59	77	42	39
Eastern Visayas	7	7	7	8	8
Zamboanga Peninsula	17	18	18	17	21
Northern Mindanao	39	41	41	43	44
Davao Region	42	39	34	34	43
SOCCSKSARGEN	40	41	41	42	47
Caraga	22	25	25	25	25
ARMM	55	55	54	53	54
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**79.48**	**112.70**	**80.46**	**85.75**	**100.09**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	37.91	41.64	40.80	43.68	38.73
MIMAROPA	11.48	10.75	11.24	10.54	9.62
Bicol Region					
Western Visayas	52.97	53.63	62.27	66.35	66.78
Central Visayas	22.47	10.11	10.19	24.49	24.82
Eastern Visayas	35.89	38.86	34.35	32.78	30.50
Zamboanga Peninsula	27.49	32.09	21.63	31.21	37.94
Northern Mindanao	29.66	32.25	25.59	31.72	34.51
Davao Region	73.98	127.07	96.70	111.72	112.99
SOCCSKSARGEN	34.79	39.68	30.04	39.42	40.46
Caraga	24.06	24.93	26.42	32.04	30.66
ARMM	246.96	256.48	147.81	91.55	221.62

Table 3.4 LANZONES: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**50,012**	**58,258**	**7,407**	**15,341**	**49,500**
CAR	13	16	17	15	17
Ilocos Region	1	1	1	1	1
Cagayan Valley	115	119	106	111	85
Central Luzon	20	22	14	12	12
CALABARZON	4,248	4,301	1,282	715	1,007
MIMAROPA	172	174	155	151	157
Bicol Region	8	8	9	9	8
Western Visayas	545	612	503	484	547
Central Visayas	80	112	40	128	162
Eastern Visayas	735	733	727	651	720
Zamboanga Peninsula	800	2,796	109	184	11,652
Northern Mindanao	1,948	3,627	1,236	4,448	4,779
Davao Region	2,345	6,078	2,502	1,985	3,952
SOCCSKSARGEN	543	1,244	252	333	931
Caraga	335	75	111	108	194
ARMM	38,105	38,341	344	6,005	25,278
Area (Ha)					
PHILIPPINES	**19,668**	**20,015**	**20,331**	**20,430**	**20,505**
CAR	25	25	25	25	26
Ilocos Region	4	5	8	8	8
Cagayan Valley	20	27	27	27	27
Central Luzon	6	7	7	6	6
CALABARZON	4,334	4,319	4,319	4,321	4,321
MIMAROPA	309	322	323	323	325
Bicol Region	35	34	34	34	34
Western Visayas	371	372	511	484	486
Central Visayas	84	84	90	97	98
Eastern Visayas	167	173	186	188	187
Zamboanga Peninsula	1,711	1,785	1,804	1,884	1,936
Northern Mindanao	3,278	3,288	3,319	3,344	3,345
Davao Region	2,060	2,108	2,112	2,118	2,123
SOCCSKSARGEN	1,108	1,310	1,310	1,312	1,318
Caraga	829	829	829	832	832
ARMM	5,327	5,327	5,427	5,427	5,433
Yield Per Hectare (mt)					
PHILIPPINES	**2.54**	**2.91**	**0.36**	**0.75**	**2.41**
CAR	0.51	0.65	0.70	0.62	0.64
Ilocos Region	0.17	0.17	0.11	0.13	0.16
Cagayan Valley	5.76	4.42	3.92	4.11	3.14
Central Luzon	3.33	3.19	2.05	1.92	1.99
CALABARZON	0.98	1.00	0.30	0.17	0.23
MIMAROPA	0.56	0.54	0.48	0.47	0.48
Bicol Region	0.23	0.24	0.26	0.26	0.24
Western Visayas	1.47	1.64	0.98	1.00	1.13
Central Visayas	0.96	1.33	0.45	1.32	1.65
Eastern Visayas	4.40	4.24	3.91	3.46	3.85
Zamboanga Peninsula	0.47	1.57	0.06	0.10	6.02
Northern Mindanao	0.59	1.10	0.37	1.33	1.43
Davao Region	1.14	2.88	1.18	0.94	1.86
SOCCSKSARGEN	0.49	0.95	0.19	0.25	0.71
Caraga	0.40	0.09	0.13	0.13	0.23
ARMM	7.15	7.20	0.06	1.11	4.65

Table 3.4a LANZONES: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
BEARING TREES (no.)					
PHILIPPINES	**1,999,588**	**1,964,576**	**2,012,620**	**2,042,666**	**2,131,196**
CAR	1,825	1,830	1,830	1,853	2,055
Ilocos Region	123	141	149	149	183
Cagayan Valley	2,790	2,790	2,790	2,790	2,490
Central Luzon	1,612	2,012	2,012	1,862	1,912
CALABARZON	480,631	439,251	470,001	470,001	492,226
MIMAROPA	10,011	10,988	10,732	10,782	10,832
Bicol Region	5,247	4,311	4,311	4,315	4,319
Western Visayas	41,215	41,305	41,331	41,127	41,302
Central Visayas	15,904	15,984	17,660	18,513	20,399
Eastern Visayas	12,267	12,504	12,914	13,379	13,379
Zamboanga Peninsula	74,039	76,750	80,793	82,110	142,605
Northern Mindanao	272,115	272,628	279,875	303,945	303,835
Davao Region	294,393	296,451	299,572	299,774	299,868
SOCCSKSARGEN	72,884	73,201	74,695	77,350	79,750
Caraga	23,052	22,700	22,125	22,095	22,520
ARMM	691,480	691,730	691,830	692,621	693,521
BEARING TREES PER HECTARE					
PHILIPPINES	**102**	**98**	**99**	**100**	**104**
CAR	73	73	73	74	79
Ilocos Region	31	31	19	19	23
Cagayan Valley	140	103	103	103	92
Central Luzon	269	287	287	310	319
CALABARZON	111	102	109	109	114
MIMAROPA	32	34	33	33	33
Bicol Region	150	127	127	127	127
Western Visayas	111	111	81	85	85
Central Visayas	189	190	196	191	208
Eastern Visayas	73	72	69	71	72
Zamboanga Peninsula	43	43	45	44	74
Northern Mindanao	83	83	84	91	91
Davao Region	143	141	142	142	141
SOCCSKSARGEN	66	56	57	59	61
Caraga	28	27	27	27	27
ARMM	130	130	127	128	128
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**25.01**	**29.65**	**3.68**	**7.51**	**23.23**
CAR	6.93	8.91	9.50	8.33	8.08
Ilocos Region	5.41	5.41	5.82	6.69	6.89
Cagayan Valley	41.27	42.76	37.97	39.75	34.04
Central Luzon	12.38	11.09	7.13	6.18	6.26
CALABARZON	8.84	9.79	2.73	1.52	2.05
MIMAROPA	17.21	15.82	14.49	14.03	14.45
Bicol Region	1.51	1.92	2.04	2.07	1.88
Western Visayas	13.21	14.80	12.16	11.77	13.24
Central Visayas	5.05	7.00	2.28	6.93	7.94
Eastern Visayas	59.92	58.60	56.27	48.69	53.78
Zamboanga Peninsula	10.81	36.42	1.34	2.24	81.71
Northern Mindanao	7.16	13.30	4.42	14.63	15.73
Davao Region	7.96	20.50	8.35	6.62	13.18
SOCCSKSARGEN	7.45	16.99	3.37	4.31	11.67
Caraga	14.54	3.31	5.00	4.89	8.61
ARMM	55.11	55.43	0.50	8.67	36.45

Table 3.5 MANDARIN: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**24,880**	**25,281**	**22,743**	**20,376**	**18,783**
CAR	869	889	885	878	796
Ilocos Region	11	11	11	11	11
Cagayan Valley	10,344	10,733	9,821	9,425	8,155
Central Luzon	1,231	1,282	1,294	1,203	1,164
CALABARZON	5,008	5,291	5,022	4,988	4,904
MIMAROPA	418	418	411	407	430
Bicol Region	687	754	790	817	824
Western Visayas	69	69	63	64	59
Central Visayas	78	172	126	123	87
Eastern Visayas	28	29	30	31	30
Zamboanga Peninsula	3	5	3	3	14
Northern Mindanao	133	138	146	147	153
Davao Region	4,015	3,520	2,310	2,138	1,827
SOCCSKSARGEN	62	62	62	64	66
Caraga	45	50	51	42	37
ARMM	1,878	1,858 R/	1,716	36	226
Area (Ha)					
PHILIPPINES	**9,646**	**9,621**	**9,583**	**9,444**	**9,289**
CAR	155	182	178	178	177
Ilocos Region	21	21	21	20	20
Cagayan Valley	1,482	1,454	1,479	1,486	1,483
Central Luzon	484	484	408	403	401
CALABARZON	2,141	2,125	2,150	2,150	2,150
MIMAROPA	696	697	699	695	692
Bicol Region	1,756	1,758	1,753	1,751	1,741
Western Visayas	42	42	50	47	47
Central Visayas	46	46	46	49	43
Eastern Visayas	37	37	39	40	39
Zamboanga Peninsula	15	15	15	15	15
Northern Mindanao	36	35	35	35	35
Davao Region	741	731	719	685	656
SOCCSKSARGEN	21	21	20	20	19
Caraga	32	32	30	29	50
ARMM	1,941	1,941	1,941	1,841	1,721
Yield Per Hectare (mt)					
PHILIPPINES	**2.58**	**2.63**	**2.37**	**2.16**	**2.02**
CAR	5.61	4.88	4.97	4.93	4.50
Ilocos Region	0.52	0.52	0.55	0.56	0.56
Cagayan Valley	6.98	7.38	6.64	6.34	5.50
Central Luzon	2.54	2.65	3.17	2.99	2.90
CALABARZON	2.34	2.49	2.34	2.32	2.28
MIMAROPA	0.60	0.60	0.59	0.59	0.62
Bicol Region	0.39	0.43	0.45	0.47	0.47
Western Visayas	1.65	1.65	1.26	1.35	1.25
Central Visayas	1.70	3.75	2.75	2.51	2.02
Eastern Visayas	0.76	0.80	0.77	0.76	0.78
Zamboanga Peninsula	0.19	0.33	0.17	0.18	0.92
Northern Mindanao	3.71	3.93	4.18	4.19	4.36
Davao Region	5.42	4.82	3.21	3.12	2.79
SOCCSKSARGEN	2.96	2.96	3.12	3.19	3.49
Caraga	1.41	1.57	1.71	1.46	0.73
ARMM	0.97	0.96	0.88	0.02	0.13

R/ - Revised

Table 3.5a MANDARIN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
BEARING TREES (no.)					
PHILIPPINES	**1,196,065**	**1,199,671**	**1,160,260**	**1,155,686**	**1,161,392**
CAR	16,820	17,600	17,610	17,695	17,595
Ilocos Region	3,612	3,608	3,608	3,608	3,608
Cagayan Valley	283,735	287,010	286,720	287,583	287,712
Central Luzon	121,541	121,510	88,830	86,330	85,730
CALABARZON	173,300	173,970	171,200	171,400	172,105
MIMAROPA	59,599	57,969	58,147	57,950	57,570
Bicol Region	164,434	164,361	164,361	164,372	181,786
Western Visayas	5,349	5,204	5,026	4,797	4,776
Central Visayas	5,305	5,305	5,600	5,605	4,838
Eastern Visayas	1,865	1,870	1,894	1,911	1,721
Zamboanga Peninsula	679	1,680	1,680	1,900	1,960
Northern Mindanao	4,445	4,335	4,335	4,355	4,365
Davao Region	156,903	156,741	153,079	150,084	140,671
SOCCSKSARGEN	2,180	2,155	2,062	2,092	2,105
Caraga	4,350	4,400	4,155	4,095	6,565
ARMM	191,948	191,953	191,953	191,909	188,285
BEARING TREES PER HECTARE					
PHILIPPINES	**124**	**125**	**121**	**122**	**125**
CAR	109	97	99	99	99
Ilocos Region	174	171	176	180	180
Cagayan Valley	191	197	194	194	194
Central Luzon	251	251	218	214	214
CALABARZON	81	82	80	80	80
MIMAROPA	86	83	83	83	83
Bicol Region	94	93	94	94	104
Western Visayas	127	124	101	102	102
Central Visayas	115	115	122	114	113
Eastern Visayas	50	51	49	48	44
Zamboanga Peninsula	45	112	112	127	131
Northern Mindanao	123	124	124	124	125
Davao Region	212	214	213	219	214
SOCCSKSARGEN	104	103	103	105	111
Caraga	136	138	139	141	131
ARMM	99	99	99	104	109
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**20.80**	**21.07**	**19.60**	**17.63**	**16.17**
CAR	51.65	50.50	50.25	49.62	45.26
Ilocos Region	2.97	3.05	3.12	3.13	3.12
Cagayan Valley	36.46	37.40	34.25	32.77	28.34
Central Luzon	10.13	10.55	14.56	13.94	13.57
CALABARZON	28.90	30.41	29.33	29.10	28.49
MIMAROPA	7.01	7.21	7.07	7.02	7.48
Bicol Region	4.18	4.59	4.81	4.97	4.53
Western Visayas	12.99	13.28	12.51	13.27	12.31
Central Visayas	14.71	32.49	22.58	21.92	17.99
Eastern Visayas	15.16	15.76	15.91	15.97	17.71
Zamboanga Peninsula	4.18	2.98	1.52	1.41	7.01
Northern Mindanao	30.01	31.75	33.73	33.69	34.98
Davao Region	25.59	22.46	15.09	14.24	12.99
SOCCSKSARGEN	28.56	28.86	30.28	30.49	31.53
Caraga	10.38	11.41	12.36	10.37	5.58
ARMM	9.78	9.68	8.94	0.19	1.20

HIGHLIGHTS

MANGO

Mango production from 2006 to 2010 decreased by an average annual rate of 1.99 percent. On the other hand, area planted increased by an average annual rate of 2.52 percent and number of bearing hills went up by 2.12 percent yearly during the same period (Figure 1).

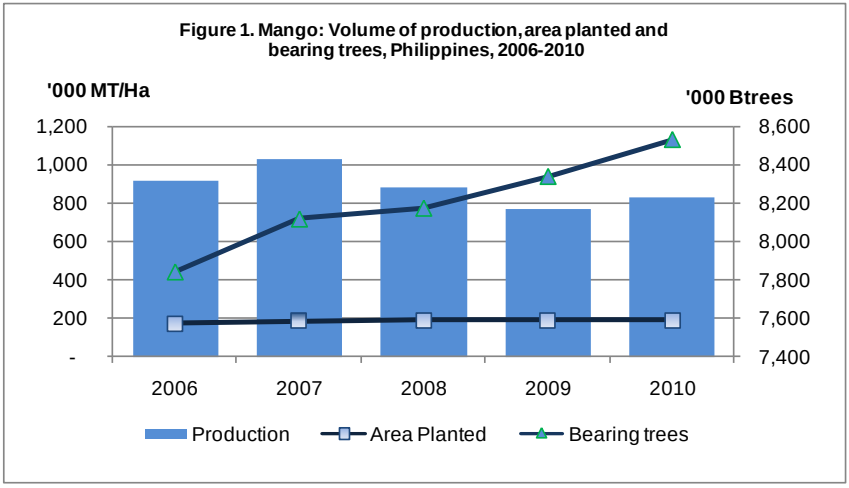
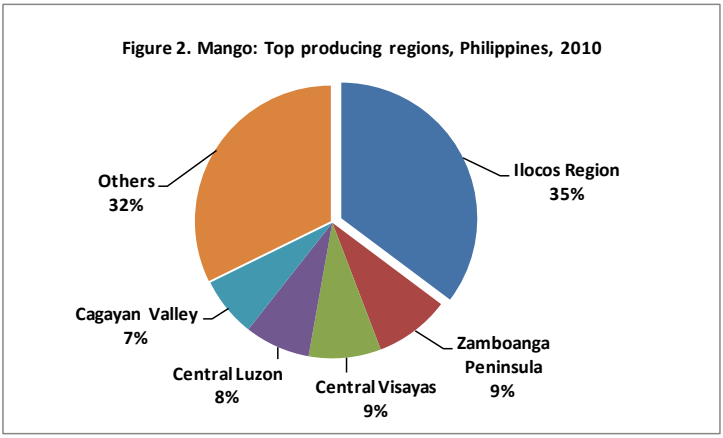


Figure 1. Mango: Volume of production, area planted and bearing trees, Philippines, 2006-2010

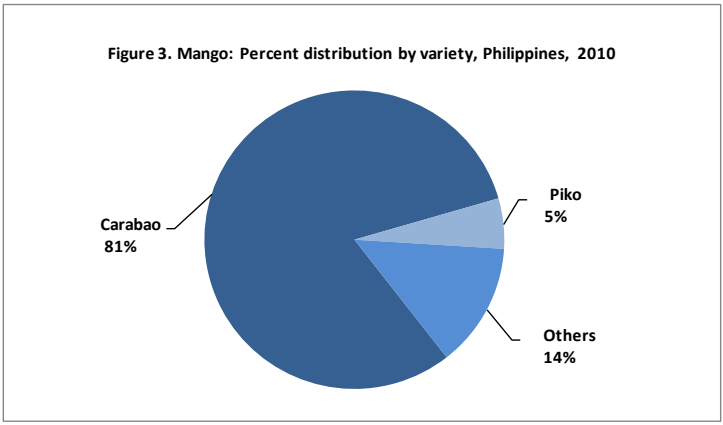
In 2010, mango production was 826 thousand mt and indicated a 7.03 percent increment from the 2009 level. This was attributed to the good timing in the application of flower inducer in Cagayan Valley, beneficial weather during flowering stage in Central Luzon and Caraga, more bearing trees induced in Central Visayas, Western Visayas, Zamboanga Peninsula, SOCCSKSARGEN and CALABARZON. More productive trees were noted in Northern Mindanao.

Ilocos Region, the top mango producer which shared 35 percent (Figure 2) of the country's mango production, continued to suffer from the damages caused by the typhoons in 2009. Mango production in the region was 291 thousand mt or 1.03 percent lower than its 2009 level.



Carabao variety. From 2006 to 2010, carabao variety production went down by an average annual rate of 1.72 percent. Area planted to carabao variety continued to grow by an average of 3.29 percent yearly and number of bearing trees increased by 2.81 percent.

Carabao variety represented 81 percent of the mango production in 2010 (Figure 3). Carabao variety production in 2010 was 670 thousand mt or 7.76 percent higher than in 2009. The increase was attributed to more induction in Western Visayas, Central Visayas, CALABARZON, Zamboanga Peninsula, Northern Mindanao and SOCCSKSARGEN. More fruits were harvested due to the relatively hot weather in Caraga, bagging in MIMAROPA and good timing of flower induction in Cagayan Valley and Central Luzon.



Area planted in 2010 was 147,026 hectares or 0.75 percent higher than in 2009. Yield in 2010 was 4.55 mt per hectare or 107.50 kilograms per bearing tree.

Table 3.6 MANGO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**919,030**	**1,023,907**	**884,011**	**771,441**	**825,676**
CAR	3,459	3,762	3,705	3,738	3,721
Ilocos Region	422,533	445,049	382,569	293,993	290,975
Cagayan Valley	51,082	90,108	66,209	37,910	58,781
Central Luzon	85,930	84,131	68,314	58,453	64,401
CALABARZON	41,576	45,424	40,887	42,385	44,914
MIMAROPA	8,081	7,896	8,022	8,333	9,551
Bicol Region	1,686	1,622	1,438	1,410	1,516
Western Visayas	55,164	58,067	46,421	44,487	50,447
Central Visayas	54,209	72,917	65,818	65,293	71,021
Eastern Visayas	547	721	828	904	902
Zamboanga Peninsula	53,932	59,603	53,113	57,809	74,025
Northern Mindanao	33,581	33,685	33,251	35,869	37,593
Davao Region	33,518	38,081	36,595	37,048	33,908
SOCCSKSARGEN	43,362	51,152	47,516	53,655	56,264
Caraga	15,955	16,845	17,230	15,404	15,520
ARMM	14,414	14,846	12,094	14,752	12,138
Area (Ha)					
PHILIPPINES	**171,711**	**184,174**	**186,770**	**188,139**	**189,437**
CAR	760	780	790	792	792
Ilocos Region	21,683	22,196	22,099	20,824	21,204
Cagayan Valley	9,939	10,080	10,100	10,087	10,496
Central Luzon	32,936	33,427	33,320	33,563	33,714
CALABARZON	15,548	14,963	14,832	14,742	14,773
MIMAROPA	3,876	3,880	3,895	3,854	3,871
Bicol Region	1,700	2,056	2,056	2,787	2,872
Western Visayas	11,206	11,204	11,324	11,355	11,392
Central Visayas	12,448	12,451	12,489	12,561	12,562
Eastern Visayas	712	744	848	875	883
Zamboanga Peninsula	16,091	16,365	16,521	16,648	16,679
Northern Mindanao	8,657	8,656	8,657	9,598	9,597
Davao Region	9,038	18,115	18,137	17,973	17,982
SOCCSKSARGEN	12,348	14,340	16,747	16,736	16,727
Caraga	3,325	3,405	3,382	3,382	3,383
ARMM	11,444	11,513	11,573	12,362	12,510
Yield Per Hectare (mt)					
PHILIPPINES	**5.35**	**5.56**	**4.73**	**4.10**	**4.36**
CAR	4.55	4.82	4.69	4.72	4.70
Ilocos Region	19.49	20.05	17.31	14.12	13.72
Cagayan Valley	5.14	8.94	6.56	3.76	5.60
Central Luzon	2.61	2.52	2.05	1.74	1.91
CALABARZON	2.67	3.04	2.76	2.88	3.04
MIMAROPA	2.08	2.03	2.06	2.16	2.47
Bicol Region	0.99	0.79	0.70	0.51	0.53
Western Visayas	4.92	5.18	4.10	3.92	4.43
Central Visayas	4.35	5.86	5.27	5.20	5.65
Eastern Visayas	0.77	0.97	0.98	1.03	1.02
Zamboanga Peninsula	3.35	3.64	3.21	3.47	4.44
Northern Mindanao	3.88	3.89	3.84	3.74	3.92
Davao Region	3.71	2.10	2.02	2.06	1.89
SOCCSKSARGEN	3.51	3.57	2.84	3.21	3.36
Caraga	4.80	4.95	5.09	4.55	4.59
ARMM	1.26	1.29	1.04	1.19	0.97

Table 3.6a MANGO: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
BEARING TREES (no.)					
PHILIPPINES	**7,842,506**	**8,115,899**	**8,171,854**	**8,335,951**	**8,526,816**
CAR	30,665	32,909	33,999	34,411	34,530
Ilocos Region	796,079	837,948	836,441	785,163	786,388
Cagayan Valley	897,097	895,965	897,458	895,583	895,722
Central Luzon	1,483,087	1,478,808	1,498,353	1,521,989	1,641,018
CALABARZON	744,345	740,994	813,274	889,745	889,503
MIMAROPA	200,600	203,262	201,939	200,981	213,084
Bicol Region	59,220	59,515	61,375	63,479	64,176
Western Visayas	636,196	613,056	505,053	501,837	502,513
Central Visayas	560,943	562,343	564,818	571,174	570,854
Eastern Visayas	18,020	19,718	20,661	21,444	21,599
Zamboanga Peninsula	828,206	885,750	890,197	901,836	912,521
Northern Mindanao	406,654	417,229	417,838	419,788	424,839
Davao Region	308,832	321,063	331,054	331,069	329,929
SOCCSKSARGEN	698,157	749,013	783,589	872,132	908,620
Caraga	95,690	99,480	100,430	100,320	100,330
ARMM	78,715	198,846	215,376	225,001	231,191
BEARING TREES PER HECTARE					
PHILIPPINES	**46**	**44**	**44**	**44**	**45**
CAR	40	42	43	43	44
Ilocos Region	37	38	38	38	37
Cagayan Valley	90	89	89	89	85
Central Luzon	45	44	45	45	49
CALABARZON	48	50	55	60	60
MIMAROPA	52	52	52	52	55
Bicol Region	35	29	30	23	22
Western Visayas	57	55	45	44	44
Central Visayas	45	45	45	45	45
Eastern Visayas	25	27	24	25	24
Zamboanga Peninsula	51	54	54	54	55
Northern Mindanao	47	48	48	44	44
Davao Region	34	18	18	18	18
SOCCSKSARGEN	57	52	47	52	54
Caraga	29	29	30	30	30
ARMM	7	17	19	18	18
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**117.19**	**126.16**	**108.18**	**92.54**	**96.83**
CAR	112.80	114.31	108.97	108.62	107.77
Ilocos Region	530.77	531.12	457.38	374.44	370.01
Cagayan Valley	56.94	100.57	73.77	42.33	65.62
Central Luzon	57.94	56.89	45.59	38.41	39.24
CALABARZON	55.86	61.30	50.27	47.64	50.49
MIMAROPA	40.28	38.84	39.72	41.46	44.82
Bicol Region	28.47	27.26	23.43	22.20	23.62
Western Visayas	86.71	94.72	91.91	88.65	100.39
Central Visayas	96.64	129.67	116.53	114.31	124.41
Eastern Visayas	30.34	36.55	40.09	42.17	41.78
Zamboanga Peninsula	65.12	67.29	59.66	64.10	81.12
Northern Mindanao	82.58	80.73	79.58	85.45	88.49
Davao Region	108.53	118.61	110.54	111.90	102.77
SOCCSKSARGEN	62.11	68.29	60.64	61.52	61.92
Caraga	166.74	169.33	171.57	153.54	154.69
ARMM	183.12	74.66	56.15	65.56	52.50

Table 3.6.1 MANGO CARABAO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**738,660**	**828,412**	**712,409**	**621,279**	**669,520**
CAR	3,352	3,648	3,605	3,635	3,616
Ilocos Region	366,420	388,007	331,628	254,565	252,694
Cagayan Valley	35,619	63,933	46,719	28,592	42,591
Central Luzon	66,874	65,189	52,582	44,538	49,576
CALABARZON	21,488	24,454	22,677	24,657	26,758
MIMAROPA	4,873	4,786	4,884	5,121	6,025
Bicol Region	141	244	252	260	285
Western Visayas	52,130	54,750	43,095	41,085	46,937
Central Visayas	47,945	65,854	59,631	59,657	65,276
Eastern Visayas	228	335	403	457	460
Zamboanga Peninsula	36,625	41,145	36,761	40,633	55,912
Northern Mindanao	30,425	30,635	30,301	32,975	34,613
Davao Region	26,079	30,770	29,812	30,224	27,201
SOCCSKSARGEN	32,389	39,273	36,500	42,229	44,413
Caraga	10,750	11,386	11,804	10,309	10,940
ARMM	3,321	4,003	1,753	2,342	2,221
Area (Ha)					
PHILIPPINES	**129,475**	**141,627**	**144,293**	**145,926**	**147,026**
CAR	688	693	697	699	699
Ilocos Region	16,578	17,086	17,087	16,114	16,500
Cagayan Valley	6,321	6,433	6,450	6,463	6,872
Central Luzon	24,316	24,546	24,446	24,712	24,864
CALABARZON	10,705	10,472	10,478	10,478	10,506
MIMAROPA	1,991	1,996	2,013	2,019	2,030
Bicol Region	416	545	545	1,075	1,112
Western Visayas	10,219	10,186	10,195	10,243	10,265
Central Visayas	10,355	10,356	10,391	10,456	10,458
Eastern Visayas	447	476	559	585	590
Zamboanga Peninsula	12,649	12,863	13,006	13,091	13,124
Northern Mindanao	7,331	7,332	7,332	8,274	8,274
Davao Region	6,696	15,778	15,795	15,627	15,636
SOCCSKSARGEN	10,587	12,640	15,057	15,059	15,055
Caraga	2,310	2,345	2,352	2,352	2,353
ARMM	7,866	7,880	7,890	8,680	8,688
Yield Per Hectare (mt)					
PHILIPPINES	**5.71**	**5.85**	**4.94**	**4.26**	**4.55**
CAR	4.87	5.26	5.17	5.20	5.17
Ilocos Region	22.10	22.71	19.41	15.80	15.31
Cagayan Valley	5.63	9.94	7.24	4.42	6.20
Central Luzon	2.75	2.66	2.15	1.80	1.99
CALABARZON	2.01	2.34	2.16	2.35	2.55
MIMAROPA	2.45	2.40	2.43	2.54	2.97
Bicol Region	0.34	0.45	0.46	0.24	0.26
Western Visayas	5.10	5.38	4.23	4.01	4.57
Central Visayas	4.63	6.36	5.74	5.71	6.24
Eastern Visayas	0.51	0.70	0.72	0.78	0.78
Zamboanga Peninsula	2.90	3.20	2.83	3.10	4.26
Northern Mindanao	4.15	4.18	4.13	3.99	4.18
Davao Region	3.89	1.95	1.89	1.93	1.74
SOCCSKSARGEN	3.06	3.11	2.42	2.80	2.95
Caraga	4.65	4.86	5.02	4.38	4.65
ARMM	0.42	0.51	0.22	0.27	0.26

Table 3.6.1a MANGO CARABAO: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
BEARING TREES (no.)					
PHILIPPINES	**5,576,437**	**5,841,197**	**5,880,136**	**6,029,318**	**6,228,015**
CAR	27,169	29,081	29,844	30,153	30,291
Ilocos Region	540,688	578,132	581,486	540,823	541,887
Cagayan Valley	511,679	508,880	510,376	508,793	508,914
Central Luzon	1,011,931	1,010,321	1,016,797	1,029,051	1,145,970
CALABARZON	483,565	483,133	567,313	645,484	659,473
MIMAROPA	90,108	93,075	93,241	94,867	104,583
Bicol Region	6,234	6,276	7,276	9,291	9,874
Western Visayas	591,984	568,322	453,937	453,562	453,842
Central Visayas	467,378	467,778	469,900	475,755	475,755
Eastern Visayas	7,872	8,947	9,293	10,188	10,488
Zamboanga Peninsula	647,287	703,154	704,840	709,400	720,410
Northern Mindanao	349,963	360,561	360,637	362,527	366,545
Davao Region	225,693	235,472	244,480	242,754	241,279
SOCCSKSARGEN	553,604	604,310	645,701	731,640	767,374
Caraga	54,220	57,230	58,370	58,360	58,370
ARMM	7,062	126,525	126,645	126,670	132,960
BEARING TREES PER HECTARE					
PHILIPPINES	**43**	**41**	**41**	**41**	**42**
CAR	39	42	43	43	43
Ilocos Region	33	34	34	34	33
Cagayan Valley	81	79	79	79	74
Central Luzon	42	41	42	42	46
CALABARZON	45	46	54	62	63
MIMAROPA	45	47	46	47	52
Bicol Region	15	12	13	9	9
Western Visayas	58	56	45	44	44
Central Visayas	45	45	45	46	45
Eastern Visayas	18	19	17	17	18
Zamboanga Peninsula	51	55	54	54	55
Northern Mindanao	48	49	49	44	44
Davao Region	34	15	15	16	15
SOCCSKSARGEN	52	48	43	49	51
Caraga	23	24	25	25	25
ARMM	1	16	16	15	15
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**132.46**	**141.82**	**121.16**	**103.04**	**107.50**
CAR	123.37	125.43	120.79	120.55	119.36
Ilocos Region	677.69	671.14	570.31	470.70	466.32
Cagayan Valley	69.61	125.63	91.54	56.20	83.69
Central Luzon	66.09	64.52	51.71	43.28	43.26
CALABARZON	44.44	50.62	39.97	38.20	40.58
MIMAROPA	54.08	51.42	52.38	53.98	57.61
Bicol Region	22.67	38.84	34.60	27.97	28.89
Western Visayas	88.06	96.34	94.94	90.58	103.42
Central Visayas	102.58	140.78	126.90	125.40	137.21
Eastern Visayas	28.98	37.40	43.41	44.85	43.88
Zamboanga Peninsula	56.58	58.52	52.16	57.28	77.61
Northern Mindanao	86.94	84.96	84.02	90.96	94.43
Davao Region	115.55	130.67	121.94	124.50	112.74
SOCCSKSARGEN	58.51	64.99	56.53	57.72	57.88
Caraga	198.27	198.96	202.23	176.64	187.42
ARMM	470.27	31.64	13.84	18.49	16.71

Table 3.7 MANGOSTEEN: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**4,494**	**4,683**	**866**	**1,567**	**5,553**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	85	64	58	52	56
MIMAROPA	1	1	1	1	1
Bicol Region					
Western Visayas			248	220	235
Central Visayas	9	8	6	9	12
Eastern Visayas					
Zamboanga Peninsula	103	113	28	154	954
Northern Mindanao	151	153	119	134	184
Davao Region	267	410	369	406	701
SOCCSKSARGEN	55	558	4	21	835
Caraga	39	34	12	12	16
ARMM	3,783	3,341	21	558	2,558
Area (Ha)					
PHILIPPINES	**1,813**	**1,991**	**2,214**	**2,263**	**2,287**
CAR					
Ilocos Region				1	1
Cagayan Valley				5	5
Central Luzon					
CALABARZON	11	9	9	10	10
MIMAROPA	6	6	6	5	5
Bicol Region					
Western Visayas			171	171	171
Central Visayas	20	20	20	22	22
Eastern Visayas					
Zamboanga Peninsula	290	395	397	417	443
Northern Mindanao	53	53	52	54	58
Davao Region	272	338	344	356	352
SOCCSKSARGEN	206	215	230	233	261
Caraga	28	29	29	33	33
ARMM	927	926	956	956	926
Yield Per Hectare (mt)					
PHILIPPINES	**2.48**	**2.35**	**0.39**	**0.69**	**2.43**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	7.73	7.08	6.43	5.24	5.59
MIMAROPA	0.19	0.20	0.18	0.24	0.24
Bicol Region					
Western Visayas			1.45	1.28	1.37
Central Visayas	0.46	0.42	0.29	0.39	0.53
Eastern Visayas					
Zamboanga Peninsula	0.35	0.29	0.07	0.37	2.15
Northern Mindanao	2.85	2.92	2.32	2.47	3.16
Davao Region	0.98	1.21	1.07	1.14	1.99
SOCCSKSARGEN	0.27	2.60	0.02	0.09	3.20
Caraga	1.39	1.18	0.41	0.36	0.48
ARMM	4.08	3.61	0.02	0.58	2.76

Table 3.7a MANGOSTEEN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
BEARING TREES (no.)					
PHILIPPINES	**189,740**	**192,355**	**206,884**	**209,254**	**209,740**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	1,500	1,440	1,440	1,443	1,443
MIMAROPA	500	500	504	509	521
Bicol Region					
Western Visayas			13,725	13,725	13,725
Central Visayas	2,920	2,925	2,920	2,942	3,000
Eastern Visayas					
Zamboanga Peninsula	9,483	11,119	11,122	11,595	11,698
Northern Mindanao	3,786	3,796	3,657	3,696	3,770
Davao Region	15,642	16,745	17,682	18,232	18,391
SOCCSKSARGEN	17,800	17,810	17,812	18,880	19,155
Caraga	2,280	2,250	2,252	2,252	2,272
ARMM	135,829	135,770	135,770	135,980	135,765
BEARING TREES PER HECTARE					
PHILIPPINES	**105**	**97**	**93**	**92**	**92**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	136	160	160	144	144
MIMAROPA	83	83	81	113	104
Bicol Region					
Western Visayas			80	80	80
Central Visayas	146	146	146	134	136
Eastern Visayas					
Zamboanga Peninsula	33	28	28	28	26
Northern Mindanao	71	72	71	68	65
Davao Region	58	50	51	51	52
SOCCSKSARGEN	86	83	77	81	73
Caraga	81	78	79	69	69
ARMM	147	147	142	142	147
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**23.68**	**24.34**	**4.18**	**7.49**	**26.47**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	56.67	44.27	40.17	36.34	38.72
MIMAROPA	2.26	2.38	2.20	2.10	2.26
Bicol Region					
Western Visayas			18.07	16.03	17.14
Central Visayas	3.16	2.86	2.02	2.90	3.88
Eastern Visayas					
Zamboanga Peninsula	10.83	10.18	2.54	13.25	81.59
Northern Mindanao	39.84	40.33	32.64	36.27	48.80
Davao Region	17.08	24.47	20.84	22.25	38.10
SOCCSKSARGEN	3.10	31.33	0.20	1.13	43.61
Caraga	17.07	15.27	5.17	5.25	6.92
ARMM	27.85	24.61	0.15	4.11	18.84

Table 3.8 ORANGE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**5,234**	**5,148**	**4,870**	**4,663**	**4,337**
CAR	1,056	1,030	1,013	991	933
Ilocos Region	54	53	50	41	35
Cagayan Valley	769	976	960	940	824
Central Luzon	100	101	79	47	39
CALABARZON	255	123	38	75	65
MIMAROPA	31	14	11	10	9
Bicol Region	927	985	989	948	915
Western Visayas	47	46	46	47	47
Central Visayas	36	30	12	11	8
Eastern Visayas	99	101	109	113	111
Zamboanga Peninsula	72	61	60	52	49
Northern Mindanao	147	146	136	136	134
Davao Region	1,345	1,197	1,089	1,028	950
SOCCSKSARGEN	86	86	89	92	95
Caraga	136	130	124	105	52
ARMM	74	69	66	28	70
Area (Ha)					
PHILIPPINES	**1,936**	**1,817**	**1,677**	**1,657**	**1,630**
CAR	191	178	179	179	178
Ilocos Region	27	27	24	20	17
Cagayan Valley	350	354	354	359	351
Central Luzon	26	16	10	9	6
CALABARZON	218	125	13	12	11
MIMAROPA	8	4	4	3	3
Bicol Region	482	484	484	472	484
Western Visayas	31	31	30	30	30
Central Visayas	28	26	16	16	16
Eastern Visayas	47	48	50	51	51
Zamboanga Peninsula	41	40	39	38	32
Northern Mindanao	62	62	60	60	60
Davao Region	251	249	246	240	232
SOCCSKSARGEN	22	21	20	21	21
Caraga	75	75	72	71	68
ARMM	77	77	77	76	70
Yield Per Hectare (mt)					
PHILIPPINES	**2.70**	**2.83**	**2.90**	**2.81**	**2.66**
CAR	5.53	5.79	5.66	5.53	5.24
Ilocos Region	1.99	1.95	2.11	2.04	2.05
Cagayan Valley	2.20	2.76	2.71	2.62	2.35
Central Luzon	3.84	6.31	7.87	5.20	6.57
CALABARZON	1.17	0.98	2.96	6.25	5.92
MIMAROPA	3.88	3.51	3.26	3.17	3.12
Bicol Region	1.92	2.03	2.04	2.01	1.89
Western Visayas	1.53	1.50	1.54	1.58	1.58
Central Visayas	1.29	1.15	0.76	0.69	0.49
Eastern Visayas	2.10	2.10	2.17	2.22	2.18
Zamboanga Peninsula	1.77	1.53	1.53	1.37	1.52
Northern Mindanao	2.37	2.36	2.26	2.26	2.23
Davao Region	5.36	4.81	4.43	4.28	4.10
SOCCSKSARGEN	3.91	4.12	4.43	4.39	4.52
Caraga	1.82	1.73	1.73	1.48	0.76
ARMM	0.96	0.90	0.86	0.36	1.00

Table 3.8a ORANGE: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
BEARING TREES (no.)					
PHILIPPINES	**250,562**	**229,281**	**204,306**	**202,059**	**199,128**
CAR	27,056	27,721	27,831	27,831	26,759
Ilocos Region	4,679	3,743	3,442	2,907	2,505
Cagayan Valley	60,815	61,595	61,585	61,580	61,568
Central Luzon	2,960	2,960	1,800	1,640	1,140
CALABARZON	39,910	19,725	910	870	870
MIMAROPA	1,450	860	760	480	500
Bicol Region	33,551	33,510	33,500	33,504	33,504
Western Visayas	4,030	4,000	3,890	3,428	3,463
Central Visayas	4,540	4,450	3,000	3,000	3,000
Eastern Visayas	5,308	5,365	5,425	5,720	5,725
Zamboanga Peninsula	4,600	4,458	4,488	4,346	4,020
Northern Mindanao	8,010	7,995	7,726	7,726	7,734
Davao Region	31,114	30,880	28,930	28,311	28,135
SOCCSKSARGEN	2,939	2,409	2,239	2,286	2,325
Caraga	9,550	9,550	8,700	8,450	8,150
ARMM	10,050	10,060	10,080	9,980	9,730
BEARING TREES PER HECTARE					
PHILIPPINES	**129**	**126**	**122**	**122**	**122**
CAR	142	156	155	155	150
Ilocos Region	173	139	146	145	147
Cagayan Valley	174	174	174	172	175
Central Luzon	114	185	180	182	190
CALABARZON	183	158	70	73	79
MIMAROPA	181	215	217	160	167
Bicol Region	70	69	69	71	69
Western Visayas	130	129	130	114	115
Central Visayas	162	171	188	188	188
Eastern Visayas	113	112	109	112	112
Zamboanga Peninsula	112	111	115	114	126
Northern Mindanao	129	129	129	129	129
Davao Region	124	124	118	118	121
SOCCSKSARGEN	134	115	112	109	111
Caraga	127	127	121	119	120
ARMM	131	131	131	131	139
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**20.89**	**22.45**	**23.83**	**23.08**	**21.78**
CAR	39.05	37.16	36.39	35.59	34.87
Ilocos Region	11.48	14.05	14.41	14.04	13.95
Cagayan Valley	12.64	15.85	15.58	15.27	13.39
Central Luzon	33.76	34.10	43.71	28.56	34.60
CALABARZON	6.38	6.22	42.25	86.23	74.82
MIMAROPA	21.41	16.34	15.00	19.83	18.72
Bicol Region	27.62	29.39	29.52	28.28	27.31
Western Visayas	11.75	11.59	11.87	13.82	13.67
Central Visayas	7.95	6.74	4.08	3.69	2.59
Eastern Visayas	18.58	18.77	20.04	19.81	19.40
Zamboanga Peninsula	15.75	13.70	13.29	11.96	12.12
Northern Mindanao	18.36	18.28	17.56	17.59	17.29
Davao Region	43.23	38.77	37.64	36.30	33.77
SOCCSKSARGEN	29.30	35.90	39.61	40.29	40.83
Caraga	14.28	13.56	14.29	12.41	6.36
ARMM	7.36	6.85	6.54	2.77	7.16

Table 3.9 PAPAYA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**157,120**	**164,234**	**182,907**	**176,656**	**165,981**
CAR	1,642	1,655	1,667	1,675	1,644
Ilocos Region	4,120	4,122	3,982	3,561	3,293
Cagayan Valley	2,749	3,043	2,996	2,887	2,290
Central Luzon	3,241	3,391	3,977	3,852	3,934
CALABARZON	14,573	10,528	10,356	9,677	8,440
MIMAROPA	3,121	3,263	3,544	3,751	3,757
Bicol Region	8,547	8,244	9,305	9,574	9,703
Western Visayas	7,343	7,117	6,435	6,483	6,188
Central Visayas	7,540	7,422	7,425	7,741	6,857
Eastern Visayas	2,723	2,851	2,957	3,038	3,064
Zamboanga Peninsula	6,059	5,854	5,878	5,793	5,668
Northern Mindanao	32,496	35,629	39,045	36,480	29,152
Davao Region	13,496	18,421	21,408	17,261	14,686
SOCCSKSARGEN	44,274	47,462	58,730	59,945	62,848
Caraga	2,096	2,125	2,102	1,879	1,631
ARMM	3,101	3,104	3,101	3,060	2,827
Area (Ha)					
PHILIPPINES	**9,280**	**9,125**	**9,175**	**8,904**	**8,751**
CAR	225	223	217	217	208
Ilocos Region	334	341	320	316	298
Cagayan Valley	447	440	443	433	423
Central Luzon	617	639	659	671	692
CALABARZON	1,073	718	711	691	641
MIMAROPA	334	347	351	354	367
Bicol Region	557	584	588	581	587
Western Visayas	823	826	808	725	752
Central Visayas	471	404	390	382	364
Eastern Visayas	455	459	470	477	478
Zamboanga Peninsula	617	615	619	607	614
Northern Mindanao	929	940	1,022	958	899
Davao Region	590	766	759	731	632
SOCCSKSARGEN	1,384	1,399	1,365	1,332	1,387
Caraga	274	273	296	270	255
ARMM	150	152	158	159	154
Yield Per Hectare (mt)					
PHILIPPINES	**16.93**	**18.00**	**19.93**	**19.84**	**18.97**
CAR	7.30	7.42	7.67	7.72	7.90
Ilocos Region	12.32	12.11	12.42	11.27	11.05
Cagayan Valley	6.15	6.91	6.76	6.67	5.41
Central Luzon	5.25	5.31	6.04	5.74	5.69
CALABARZON	13.58	14.66	14.57	14.00	13.18
MIMAROPA	9.33	9.40	10.11	10.60	10.23
Bicol Region	15.34	14.12	15.82	16.48	16.52
Western Visayas	8.92	8.62	7.96	8.94	8.23
Central Visayas	16.01	18.37	19.04	20.26	18.84
Eastern Visayas	5.99	6.21	6.30	6.37	6.41
Zamboanga Peninsula	9.81	9.53	9.50	9.54	9.23
Northern Mindanao	34.98	37.91	38.20	38.06	32.42
Davao Region	22.87	24.05	28.22	23.61	23.24
SOCCSKSARGEN	32.00	33.94	43.03	45.00	45.31
Caraga	7.65	7.78	7.10	6.96	6.40
ARMM	20.67	20.37	19.64	19.24	18.41

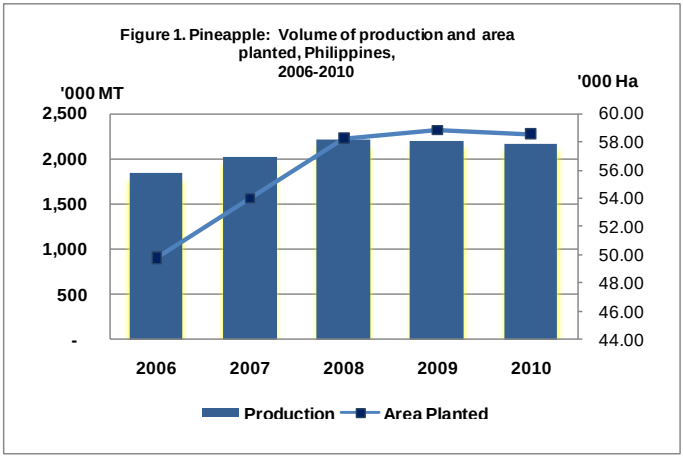
Table 3.9a PAPAYA: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
BEARING TREES (no.)					
PHILIPPINES	**5,701,587**	**5,599,575**	**5,670,826**	**5,528,962**	**5,549,324**
CAR	94,970	91,831	91,289	91,190	89,771
Ilocos Region	191,331	190,241	183,524	171,781	164,528
Cagayan Valley	260,190	249,688	248,076	239,072	226,893
Central Luzon	274,600	298,070	307,238	320,691	328,348
CALABARZON	670,945	425,952	420,584	404,115	370,596
MIMAROPA	143,391	152,821	154,436	156,526	163,248
Bicol Region	325,287	307,835	309,043	312,866	315,151
Western Visayas	380,477	370,853	368,675	337,319	344,575
Central Visayas	215,699	179,225	169,298	166,554	154,011
Eastern Visayas	161,677	162,545	167,043	168,690	172,298
Zamboanga Peninsula	304,498	303,363	303,780	295,728	497,783
Northern Mindanao	771,512	755,668	836,263	783,517	724,842
Davao Region	419,539	591,658	590,163	562,125	429,430
SOCCSKSARGEN	1,257,761	1,291,865	1,283,146	1,283,890	1,340,822
Caraga	142,880	142,955	152,328	143,648	136,228
ARMM	86,830	85,005	85,940	91,250	90,800
BEARING TREES PER HECTARE					
PHILIPPINES	**614**	**614**	**618**	**621**	**634**
CAR	422	412	420	420	432
Ilocos Region	572	559	573	544	552
Cagayan Valley	582	567	560	552	536
Central Luzon	445	466	466	478	474
CALABARZON	625	593	592	585	579
MIMAROPA	429	440	440	442	444
Bicol Region	584	527	526	538	537
Western Visayas	462	449	456	465	458
Central Visayas	458	444	434	436	423
Eastern Visayas	356	354	356	354	361
Zamboanga Peninsula	493	494	491	487	811
Northern Mindanao	830	804	818	818	806
Davao Region	711	772	778	769	679
SOCCSKSARGEN	909	924	940	964	967
Caraga	521	524	515	532	534
ARMM	579	558	544	574	592
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**27.56**	**29.33**	**32.25**	**31.95**	**29.91**
CAR	17.29	18.02	18.26	18.37	18.31
Ilocos Region	21.53	21.67	21.69	20.73	20.01
Cagayan Valley	10.57	12.19	12.08	12.07	10.09
Central Luzon	11.80	11.38	12.95	12.01	11.98
CALABARZON	21.72	24.72	24.62	23.94	22.77
MIMAROPA	21.77	21.35	22.95	23.96	23.02
Bicol Region	26.27	26.78	30.11	30.60	30.79
Western Visayas	19.30	19.19	17.45	19.22	17.96
Central Visayas	34.95	41.41	43.86	46.48	44.52
Eastern Visayas	16.84	17.54	17.70	18.01	17.78
Zamboanga Peninsula	19.90	19.30	19.35	19.59	11.39
Northern Mindanao	42.12	47.15	46.69	46.56	40.22
Davao Region	32.17	31.13	36.27	30.71	34.20
SOCCSKSARGEN	35.20	36.74	45.77	46.69	46.87
Caraga	14.67	14.86	13.80	13.08	11.97
ARMM	35.72	36.52	36.08	33.53	31.13

HIGHLIGHTS

PINEAPPLE

During the period 2006 to 2010, pineapple production grew by an average annual rate of 4.42 percent while area planted increased by 4.20 percent (Figure 1).



Pineapple production in 2010 at 2,169 thousand mt dropped by 1.33 percent compared to the 2009 record. The reduction was due to the shifting to corn and banana Cavendish variety in SOCCSKSARGEN, decrease in area in Western Visayas and CALABAZON, and smaller fruits in Western Visayas, Eastern Visayas and Cagayan Valley. The output decline in Western Visayas was also attributed to the lack of planting materials.

Pineapple production in Northern Mindanao, the top pineapple producer, accounted for 49 percent of the country's total production (Figure 2). The largest area planted to pineapple was noted in SOCCSKSARGEN at 23,269 hectares representing 40 percent of the total area planted to pineapple in 2010.

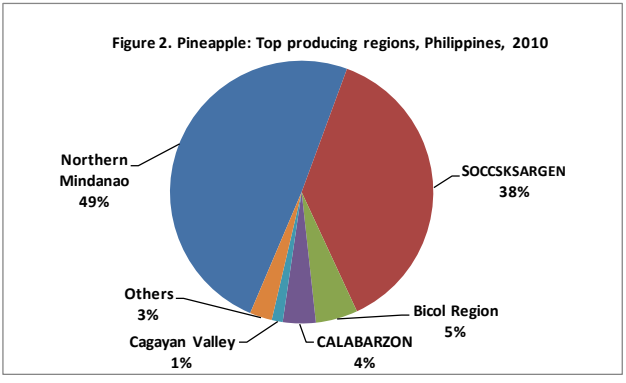


Table 3.10 PINEAPPLE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**1,833,908**	**2,016,462**	**2,209,336**	**2,198,497**	**2,169,233**
CAR	709	688	711	716	683
Ilocos Region	219	202	206	195	195
Cagayan Valley	23,983	28,630	30,815	32,574	29,375
Central Luzon	1,248	1,292	1,363	1,406	1,452
CALABARZON	82,459	84,049	86,168	88,375	87,561
MIMAROPA	188	188	223	233	252
Bicol Region	112,210	116,816	111,530	109,967	112,205
Western Visayas	15,042	14,776	15,184	15,424	14,317
Central Visayas	3,978	4,535	4,887	4,867	4,173
Eastern Visayas	6,411	6,850	7,397	7,476	7,468
Zamboanga Peninsula	2,380	2,337	2,436	2,289	1,992
Northern Mindanao	911,160	924,505	1,007,022	1,026,905	1,067,608
Davao Region	19,411	22,452	22,303	22,440	22,840
SOCCSKSARGEN	649,301	803,761	913,280	879,836	813,251
Caraga	4,167	4,345	4,738	4,684	4,725
ARMM	1,040	1,037	1,072	1,109	1,135
Area (Ha)					
PHILIPPINES	**49,813**	**53,978**	**58,251**	**58,823**	**58,547**
CAR	124	122	115	117	117
Ilocos Region	41	40	38	31	30
Cagayan Valley	1,328	1,366	1,394	1,424	1,506
Central Luzon	124	128	136	143	146
CALABARZON	4,519	4,376	4,368	4,034	4,023
MIMAROPA	43	49	52	58	66
Bicol Region	3,847	3,323	3,115	3,109	3,079
Western Visayas	722	727	730	733	725
Central Visayas	451	443	443	452	451
Eastern Visayas	520	523	551	557	560
Zamboanga Peninsula	455	438	422	399	398
Northern Mindanao	18,734	18,924	18,994	20,847	21,547
Davao Region	2,071	2,074	2,064	2,060	2,053
SOCCSKSARGEN	16,232	20,826	25,202	24,218	23,269
Caraga	530	543	545	527	488
ARMM	71	76	81	115	89
Yield Per Hectare (mt)					
PHILIPPINES	**36.82**	**37.36**	**37.93**	**37.37**	**37.05**
CAR	5.72	5.64	6.18	6.12	5.83
Ilocos Region	5.32	5.05	5.42	6.30	6.51
Cagayan Valley	18.06	20.96	22.11	22.88	19.51
Central Luzon	10.07	10.09	10.02	9.83	9.94
CALABARZON	18.25	19.21	19.73	21.91	21.77
MIMAROPA	4.36	3.84	4.28	4.02	3.84
Bicol Region	29.17	35.15	35.80	35.37	36.44
Western Visayas	20.83	20.32	20.80	21.04	19.75
Central Visayas	8.82	10.24	11.03	10.76	9.25
Eastern Visayas	12.33	13.10	13.42	13.43	13.34
Zamboanga Peninsula	5.23	5.34	5.77	5.74	5.00
Northern Mindanao	48.64	48.85	53.02	49.26	49.55
Davao Region	9.37	10.83	10.81	10.90	11.13
SOCCSKSARGEN	40.00	38.59	36.24	36.33	34.95
Caraga	7.86	8.00	8.69	8.89	9.68
ARMM	14.65	13.64	13.24	9.64	12.75

Table 3.11 RAMBUTAN: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**13,405**	**14,915**	**8,553**	**9,435**	**12,743**
CAR	30	37	40	41	43
Ilocos Region	53	60	65	62	69
Cagayan Valley	250	323	376	384	434
Central Luzon	12	15	20	23	27
CALABARZON	7,495	6,221	4,419	4,168	4,384
MIMAROPA	364	354	338	335	362
Bicol Region	18	17	18	19	21
Western Visayas	129	166	99	154	194
Central Visayas	4	5	6	58	84
Eastern Visayas	10	14	14	16	17
Zamboanga Peninsula	309	339	194	347	924
Northern Mindanao	331	373	206	317	369
Davao Region	1,598	2,248	1,223	1,429	1,833
SOCCSKSARGEN	2,689	4,639	1,431	1,976	3,844
Caraga	96	83	87	88	118
ARMM	18	21	16	19	21
Area (Ha)					
PHILIPPINES	**5,444**	**5,631**	**5,669**	**5,672**	**5,743**
CAR	31	31	31	31	32
Ilocos Region	28	30	32	33	35
Cagayan Valley	51	62	62	65	65
Central Luzon	5	6	6	6	8
CALABARZON	1,615	1,616	1,616	1,617	1,628
MIMAROPA	718	718	704	673	675
Bicol Region	16	16	16	17	17
Western Visayas	73	79	97	72	73
Central Visayas	13	15	16	33	45
Eastern Visayas	8	11	16	17	17
Zamboanga Peninsula	207	323	340	366	385
Northern Mindanao	184	185	185	186	186
Davao Region	689	723	724	730	739
SOCCSKSARGEN	1,338	1,346	1,352	1,352	1,357
Caraga	441	443	445	449	455
ARMM	27	27	27	27	27
Yield Per Hectare (mt)					
PHILIPPINES	**2.46**	**2.65**	**1.51**	**1.66**	**2.22**
CAR	0.95	1.20	1.29	1.31	1.35
Ilocos Region	1.93	1.99	2.02	1.87	1.97
Cagayan Valley	4.90	5.22	6.07	5.90	6.67
Central Luzon	2.36	2.42	3.33	3.83	3.38
CALABARZON	4.64	3.85	2.73	2.58	2.69
MIMAROPA	0.51	0.49	0.48	0.50	0.54
Bicol Region	1.14	1.08	1.12	1.15	1.26
Western Visayas	1.76	2.10	1.02	2.14	2.66
Central Visayas	0.32	0.32	0.37	1.79	1.88
Eastern Visayas	1.31	1.26	0.89	0.94	0.97
Zamboanga Peninsula	1.49	1.05	0.57	0.95	2.40
Northern Mindanao	1.80	2.02	1.12	1.71	1.99
Davao Region	2.32	3.11	1.69	1.96	2.48
SOCCSKSARGEN	2.01	3.45	1.06	1.46	2.83
Caraga	0.22	0.19	0.20	0.20	0.26
ARMM	0.65	0.76	0.58	0.70	0.76

Table 3.11a RAMBUTAN: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009		2010
BEARING TREES (no.)						
PHILIPPINES	**457,127**	**407,939**	**411,808**	**416,805**		**429,283**
CAR	878	1,078	1,100	1,120		1,320
Ilocos Region	1,462	1,522	1,664	1,693		1,901
Cagayan Valley	3,350	3,585	3,550	3,550		6,750
Central Luzon	516	600	800	800		900
CALABARZON	221,333	166,710	169,640	169,690	R/	170,308
MIMAROPA	23,330	23,965	23,463	23,170		23,220
Bicol Region	1,251	1,252	1,252	1,284		1,284
Western Visayas	5,488	5,660	5,660	5,568		5,638
Central Visayas	1,450	1,450	1,630	2,681		4,285
Eastern Visayas	550	890	950	1,013		1,021
Zamboanga Peninsula	8,050	9,650	10,432	11,800		16,652
Northern Mindanao	17,540	17,791	17,560	17,852		17,922
Davao Region	49,299	50,095	50,271	51,741		52,472
SOCCSKSARGEN	109,900	110,623	110,623	111,300		111,942
Caraga	9,320	9,540	9,540	9,865		9,990
ARMM	3,410	3,528	3,673	3,678		3,678
BEARING TREES PER HECTARE						
PHILIPPINES	**84**	**72**	**73**	**73**		**75**
CAR	28	35	35	36		41
Ilocos Region	53	51	52	51		54
Cagayan Valley	66	58	57	55		104
Central Luzon	103	100	133	133		113
CALABARZON	137	103	105	105		105
MIMAROPA	32	33	33	34		34
Bicol Region	78	78	78	78		78
Western Visayas	75	72	58	77		77
Central Visayas	112	97	102	82		96
Eastern Visayas	69	81	59	60		60
Zamboanga Peninsula	39	30	31	32		43
Northern Mindanao	95	96	95	96		96
Davao Region	72	69	69	71		71
SOCCSKSARGEN	82	82	82	82		82
Caraga	21	22	21	22		22
ARMM	126	131	136	136		136
YIELD PER BEARING TREE (kg)						
PHILIPPINES	**29.32**	**36.56**	**20.77**	**22.64**		**29.68**
CAR	33.71	34.55	36.27	36.37		32.80
Ilocos Region	36.34	39.17	38.89	36.46		36.41
Cagayan Valley	74.57	90.20	105.94	108.10		64.24
Central Luzon	22.87	24.17	25.00	28.75		30.00
CALABARZON	33.86	37.32	26.05	24.56		25.74
MIMAROPA	15.61	14.79	14.42	14.46		15.59
Bicol Region	14.55	13.84	14.33	14.84		16.25
Western Visayas	23.46	29.33	17.53	27.66		34.49
Central Visayas	2.91	3.34	3.63	21.80		19.53
Eastern Visayas	19.07	15.61	14.93	15.82		16.22
Zamboanga Peninsula	38.35	35.15	18.58	29.40		55.49
Northern Mindanao	18.86	20.94	11.74	17.77		20.58
Davao Region	32.42	44.87	24.33	27.62		34.93
SOCCSKSARGEN	24.47	41.94	12.93	17.75		34.34
Caraga	10.30	8.72	9.11	8.90		11.77
ARMM	5.13	5.81	4.24	5.17		5.58

R/ - Revised

Table 3.12 TAMARIND FRUIT: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**12,491**	**11,804**	**11,052**	**10,063**	**9,032**
CAR		12	13	13	13
Ilocos Region	2,722	2,635	2,568	2,489	2,556
Cagayan Valley	4,105	3,796	3,555	2,984	2,109
Central Luzon	2,200	2,148	1,857	1,730	1,677
CALABARZON	261	161	156	152	139
MIMAROPA	205	190	191	193	196
Bicol Region	155	148	157	163	168
Western Visayas	81	92	93	87	82
Central Visayas	768	624	484	351	320
Eastern Visayas	44	48	49	50	50
Zamboanga Peninsula	305	295	269	245	212
Northern Mindanao	62	62	58	47	41
Davao Region	1,312	1,332	1,329	1,285	1,208
SOCCSKSARGEN	245	241	252	261	252
Caraga	13	13	13	12	6
ARMM	10	9	9	1	1
Area (Ha)					
PHILIPPINES	**2,736**	**2,690**	**2,681**	**2,641**	**2,598**
CAR		10	10	10	10
Ilocos Region	1,215	1,169	1,167	1,150	1,132
Cagayan Valley	358	355	355	355	329
Central Luzon	189	190	188	183	185
CALABARZON	106	101	101	100	98
MIMAROPA	101	99	97	93	93
Bicol Region	85	85	82	82	82
Western Visayas	132	135	134	133	131
Central Visayas	231	226	224	215	215
Eastern Visayas	24	27	29	30	30
Zamboanga Peninsula	98	97	98	98	99
Northern Mindanao	10	9	9	7	7
Davao Region	134	134	133	130	131
SOCCSKSARGEN	42	42	43	43	45
Caraga	6	6	6	6	6
ARMM	5	5	5	5	4
Yield Per Hectare (mt)					
PHILIPPINES	**4.57**	**4.39**	**4.12**	**3.81**	**3.48**
CAR		1.24	1.27	1.29	1.32
Ilocos Region	2.24	2.25	2.20	2.16	2.26
Cagayan Valley	11.47	10.69	10.02	8.41	6.41
Central Luzon	11.64	11.31	9.88	9.45	9.06
CALABARZON	2.46	1.59	1.54	1.52	1.41
MIMAROPA	2.03	1.91	1.97	2.07	2.11
Bicol Region	1.83	1.74	1.92	1.99	2.05
Western Visayas	0.61	0.68	0.69	0.65	0.63
Central Visayas	3.32	2.76	2.16	1.63	1.49
Eastern Visayas	1.83	1.78	1.69	1.64	1.64
Zamboanga Peninsula	3.12	3.04	2.75	2.50	2.14
Northern Mindanao	6.24	7.26	6.76	6.69	5.58
Davao Region	9.79	9.94	9.97	9.86	9.20
SOCCSKSARGEN	5.83	5.74	5.87	6.07	5.60
Caraga	2.15	2.09	2.13	2.27	1.07
ARMM	2.08	1.74	1.76	0.20	0.28

Table 3.12a TAMARIND FRUIT: NUMBER OF BEARING TREES, BEARING TREES PER HECTARE AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
BEARING TREES (no.)					
PHILIPPINES	**153,821**	**154,331**	**151,398**	**148,700**	**145,344**
CAR		1,350	1,382	1,391	1,395
Ilocos Region	64,161	63,998	61,428	60,461	58,331
Cagayan Valley	26,205	26,205	26,178	26,173	24,382
Central Luzon	10,715	10,365	10,210	9,260	9,880
CALABARZON	6,560	6,070	6,117	6,062	6,032
MIMAROPA	4,667	4,560	4,610	4,552	4,577
Bicol Region	4,346	4,276	4,280	4,290	4,290
Western Visayas	9,427	9,544	9,439	9,218	9,097
Central Visayas	7,454	7,514	7,454	7,174	7,198
Eastern Visayas	1,157	1,387	1,412	1,443	1,450
Zamboanga Peninsula	6,315	6,406	6,326	6,330	6,380
Northern Mindanao	817	762	707	638	614
Davao Region	9,172	8,884	8,820	8,636	8,594
SOCCSKSARGEN	2,170	2,325	2,360	2,403	2,450
Caraga	385	415	405	405	410
ARMM	270	270	270	264	264
BEARING TREES PER HECTARE					
PHILIPPINES	**56**	**57**	**56**	**56**	**56**
CAR		135	138	139	140
Ilocos Region	53	55	53	53	52
Cagayan Valley	73	74	74	74	74
Central Luzon	57	55	54	51	53
CALABARZON	62	60	61	61	62
MIMAROPA	46	46	48	49	49
Bicol Region	51	50	52	52	52
Western Visayas	71	71	70	69	69
Central Visayas	32	33	33	33	33
Eastern Visayas	48	51	48	47	48
Zamboanga Peninsula	64	66	65	65	64
Northern Mindanao	82	90	83	91	83
Davao Region	68	66	66	66	65
SOCCSKSARGEN	52	55	55	56	54
Caraga	64	69	68	74	75
ARMM	54	54	54	53	66
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**81.20**	**76.49**	**73.00**	**67.67**	**62.14**
CAR		9.15	9.17	9.29	9.45
Ilocos Region	42.43	41.17	41.80	41.16	43.82
Cagayan Valley	156.64	144.86	135.82	114.02	86.51
Central Luzon	205.35	207.23	181.84	186.83	169.71
CALABARZON	39.77	26.53	25.45	25.04	22.97
MIMAROPA	44.02	41.56	41.54	42.32	42.93
Bicol Region	35.75	34.52	36.76	38.08	39.27
Western Visayas	8.55	9.62	9.81	9.44	9.03
Central Visayas	103.03	83.00	64.94	48.89	44.47
Eastern Visayas	37.98	34.84	34.98	34.46	34.30
Zamboanga Peninsula	48.37	46.01	42.59	38.72	33.28
Northern Mindanao	76.36	81.06	81.33	73.39	67.28
Davao Region	143.09	149.95	150.63	148.75	140.58
SOCCSKSARGEN	112.87	103.65	106.89	108.66	102.95
Caraga	34.81	30.24	31.58	30.81	14.39
ARMM	38.44	32.22	32.59	3.79	4.17

Table 3.13 WATERMELON: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**117,254**	**125,863**	**103,248**	**97,106**	**110,238**
CAR	366	372	373	377	378
Ilocos Region	35,759	32,536	27,504	23,846	22,247
Cagayan Valley	6,213	12,706	13,499	10,419	10,451
Central Luzon	10,577	12,109	7,171	6,259	7,233
CALABARZON	3,146	3,672	3,142	2,693	3,454
MIMAROPA	2,009	2,028	2,101	2,119	2,298
Bicol Region	7,455	8,002	4,053	3,682	4,671
Western Visayas	42,781	44,663	36,098	38,380	49,140
Central Visayas	982	1,050	1,398	1,367	1,438
Eastern Visayas	643	676	681	674	799
Zamboanga Peninsula	1,149	1,152	889	838	998
Northern Mindanao	1,015	1,158	1,011	1,030	1,241
Davao Region	764	995	1,037	1,063	1,023
SOCCSKSARGEN	1,529	1,671	1,352	1,341	1,816
Caraga	2,710	2,919	2,814	2,902	2,900
ARMM	156	152	127	115	153
Area (Ha)					
PHILIPPINES	**6,910**	**7,234**	**6,246**	**6,237**	**6,704**
CAR	20	20	20	20	20
Ilocos Region	1,257	1,166	1,033	944	885
Cagayan Valley	459	670	701	652	634
Central Luzon	1,368	1,466	1,040	1,014	1,035
CALABARZON	207	220	224	242	291
MIMAROPA	176	183	193	195	206
Bicol Region	347	393	158	163	187
Western Visayas	1,877	1,835	1,646	1,741	2,185
Central Visayas	38	45	52	53	50
Eastern Visayas	93	100	104	110	113
Zamboanga Peninsula	170	153	143	121	146
Northern Mindanao	207	226	221	224	241
Davao Region	93	132	129	157	160
SOCCSKSARGEN	176	194	163	170	197
Caraga	369	366	352	368	294
ARMM	54	66	68	64	61
Yield Per Hectare (mt)					
PHILIPPINES	**16.97**	**17.40**	**16.53**	**15.57**	**16.44**
CAR	18.31	18.61	18.64	18.84	18.89
Ilocos Region	28.45	27.89	26.63	25.27	25.14
Cagayan Valley	13.54	18.96	19.26	15.98	16.48
Central Luzon	7.73	8.26	6.90	6.17	6.99
CALABARZON	15.20	16.69	14.03	11.13	11.87
MIMAROPA	11.42	11.07	10.91	10.86	11.16
Bicol Region	21.52	20.36	25.60	22.59	24.98
Western Visayas	22.79	24.34	21.93	22.05	22.49
Central Visayas	25.71	23.55	26.75	25.73	28.62
Eastern Visayas	6.89	6.74	6.58	6.13	7.10
Zamboanga Peninsula	6.76	7.56	6.22	6.93	6.84
Northern Mindanao	4.91	5.14	4.58	4.60	5.14
Davao Region	8.22	7.54	8.07	6.79	6.39
SOCCSKSARGEN	8.69	8.61	8.30	7.89	9.24
Caraga	7.34	7.97	7.99	7.89	9.87
ARMM	2.88	2.30	1.87	1.79	2.50

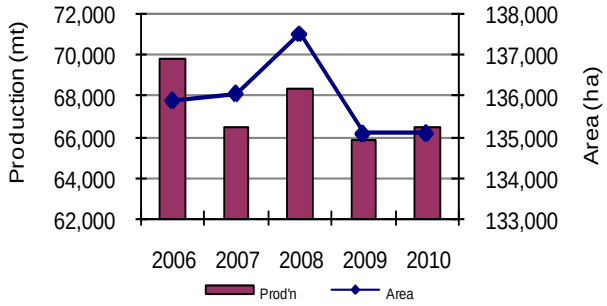
C. NON-FOOD & INDUSTRIAL CROPS

HIGHLIGHTS

ABACA

Abaca production from 2006 to 2010 declined by 1.20 percent annually while area planted went down by 0.15 percent. It was noted, however, that in 2010, production increased by 1.04 percent, from 65.83 thousand mt in 2009 to 66.51 thousand mt (Figure 1). Favorable weather enabled Bicol Region and producing areas in Mindanao to cope with the increasing demand and cash-in with the high price of Abaca fiber. Area planted also increased by 0.01 percent from 135,081 hectares in 2009 to 135,090 hectares in 2010.

Figure 1. Abaca: Production and Area Planted, Philippines, 2006-2010



In spite of the continuous incidence of bunchy tops and mosaic diseases, Eastern Visayas remained as the top abaca producer in 2010. The region produced 20.33 thousand mt of abaca or 30.56 percent of the country's total production. The other major producers were Bicol Region with 20.26 thousand mt or 30.47 percent share; and Davao Region with 10.24 thousand mt or 15.40 percent contribution to the country's abaca production (Figure 2).

Figure 2. Abaca: Top Producing Regions, Philippines, 2010

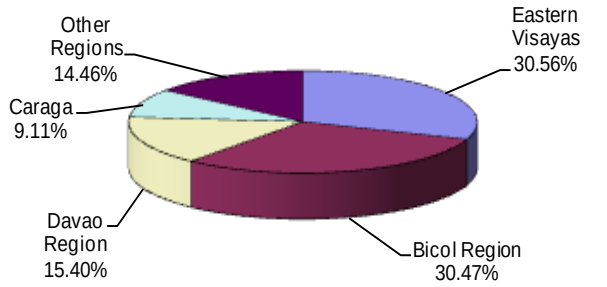


Table 4.1 ABACA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

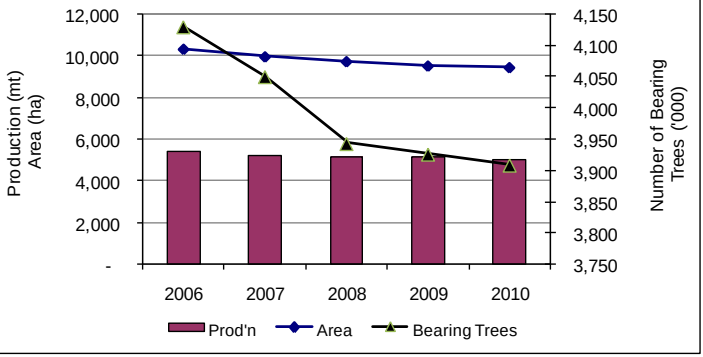
Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**69,802**	**66,437**	**68,386**	**65,825**	**66,512**
CAR	14	14	13	13	13
Ilocos Region					
Cagayan Valley					
Central Luzon	48	53	80	100	109
CALABARZON	37	52	24	21	2
MIMAROPA	67	69	72	74	77
Bicol Region	20,328	17,145	18,363	18,833	20,264
Western Visayas	1,579	1,338	1,679	1,568	1,492
Central Visayas	390	470	731	383	332
Eastern Visayas	25,788	24,752	23,779	21,239	20,326
Zamboanga Peninsula	113	221	177	198	231
Northern Mindanao	1,553	1,569	1,615	1,741	1,768
Davao Region	8,901	9,554	10,247	10,212	10,242
SOCCSKSARGEN	709	727	741	800	828
Caraga	5,674	5,835	6,084	5,861	6,059
ARMM	4,602	4,638	4,779	4,781	4,768
Area (Ha)					
PHILIPPINES	**135,883**	**136,049**	**137,520**	**135,081**	**135,090**
CAR	800	600	870	870	579
Ilocos Region	1				
Cagayan Valley					
Central Luzon	434	480	508	510	520
CALABARZON	109	199	294	250	251
MIMAROPA	1,134	1,122	1,127	1,172	1,183
Bicol Region	42,832	42,663	42,662	42,662	41,748
Western Visayas	4,151	4,020	4,001	3,946	3,903
Central Visayas	3,084	3,087	3,097	3,097	3,097
Eastern Visayas	44,777	45,068	44,943	42,388	40,602
Zamboanga Peninsula	1,874	1,885	1,869	1,919	1,932
Northern Mindanao	4,988	4,993	4,990	5,036	4,834
Davao Region	10,088	10,120	10,777	10,808	12,166
SOCCSKSARGEN	3,949	4,018	4,555	4,589	4,582
Caraga	9,735	9,891	9,912	9,920	11,780
ARMM	7,927	7,902	7,914	7,914	7,913
Yield Per Hectare (mt)					
PHILIPPINES	**0.51**	**0.49**	**0.50**	**0.49**	**0.49**
CAR	0.02	0.02	0.02	0.02	0.02
Ilocos Region					
Cagayan Valley					
Central Luzon	0.11	0.11	0.16	0.20	0.21
CALABARZON	0.34	0.26	0.08	0.09	0.01
MIMAROPA	0.06	0.06	0.06	0.06	0.06
Bicol Region	0.47	0.40	0.43	0.44	0.49
Western Visayas	0.38	0.33	0.42	0.40	0.38
Central Visayas	0.13	0.15	0.24	0.12	0.11
Eastern Visayas	0.58	0.55	0.53	0.50	0.50
Zamboanga Peninsula	0.06	0.12	0.09	0.10	0.12
Northern Mindanao	0.31	0.31	0.32	0.35	0.37
Davao Region	0.88	0.94	0.95	0.94	0.84
SOCCSKSARGEN	0.18	0.18	0.16	0.17	0.18
Caraga	0.58	0.59	0.61	0.59	0.51
ARMM	0.58	0.59	0.60	0.60	0.60

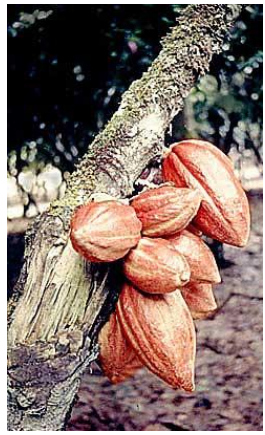
HIGHLIGHTS

CACAO

Cacao production decreased by an annual average rate of 1.88 percent from 2006 to 2010 (Figure 1). Average annual decreases in area planted, number of bearing trees and yield per bearing tree were 2.23 percent, 1.37 percent and 0.52 percent, respectively. In 2010, production was 5.02 thousand mt, 2.23 percent lower than the level of 5.13 thousand mt in 2009.

Figure 1. Cacao: Production, Area and Number of Bearing Trees, Philippines, 2006-2010





The top producing regions and their contributions to the national output in 2010 were Davao Region, 69.86 percent; Northern Mindanao, 11.05 percent; Caraga, 2.47 percent; and Eastern Visayas, 2.43 percent (Figure 2).

Figure 2. Cacao: Top Producing Regions, Philippines, 2010

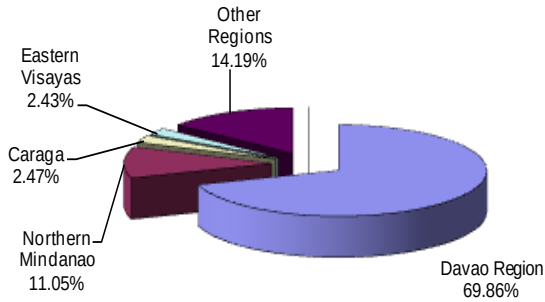


Table 4.2 CACAO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**5,415**	**5,237**	**5,149**	**5,134**	**5,019**
CAR	14	14	13	14	14
Ilocos Region	48	48	50	49	46
Cagayan Valley	92	104	109	116	83
Central Luzon	37	38	40	41	42
CALABARZON	38	26	23	22	22
MIMAROPA	33	40	44	49	57
Bicol Region	33	23	29	30	31
Western Visayas	91	80	77	74	67
Central Visayas	72	72	65	61	54
Eastern Visayas	131	131	129	127	122
Zamboanga Peninsula	150	142	135	132	122
Northern Mindanao	547	549	551	562	555
Davao Region	3,598	3,476	3,470	3,510	3,506
SOCCSKSARGEN	98	86	83	79	73
Caraga	308	288	213	157	124
ARMM	125	121	118	110	101
Area (Ha)					
PHILIPPINES	**10,354**	**9,985**	**9,751**	**9,538**	**9,462**
CAR	28	26	26	26	27
Ilocos Region	75	74	74	73	73
Cagayan Valley	179	181	216	222	222
Central Luzon	34	34	33	33	32
CALABARZON	375	350	340	340	330
MIMAROPA	64	75	74	82	90
Bicol Region	291	284	284	284	284
Western Visayas	129	124	123	115	114
Central Visayas	155	156	155	153	149
Eastern Visayas	400	397	395	379	362
Zamboanga Peninsula	630	604	527	446	425
Northern Mindanao	949	975	941	937	927
Davao Region	5,058	5,011	4,945	4,945	4,958
SOCCSKSARGEN	159	143	137	133	130
Caraga	940	875	855	855	840
ARMM	888	675	625	515	500
Yield Per Hectare (mt)					
PHILIPPINES	**0.52**	**0.52**	**0.53**	**0.54**	**0.53**
CAR	0.49	0.54	0.51	0.54	0.51
Ilocos Region	0.64	0.64	0.67	0.66	0.63
Cagayan Valley	0.51	0.58	0.50	0.52	0.37
Central Luzon	1.09	1.12	1.20	1.24	1.32
CALABARZON	0.10	0.07	0.07	0.06	0.07
MIMAROPA	0.52	0.53	0.59	0.60	0.64
Bicol Region	0.11	0.08	0.10	0.11	0.11
Western Visayas	0.71	0.64	0.63	0.64	0.59
Central Visayas	0.46	0.46	0.42	0.40	0.36
Eastern Visayas	0.33	0.33	0.33	0.34	0.34
Zamboanga Peninsula	0.24	0.23	0.26	0.30	0.29
Northern Mindanao	0.58	0.56	0.59	0.60	0.60
Davao Region	0.71	0.69	0.70	0.71	0.71
SOCCSKSARGEN	0.62	0.60	0.61	0.60	0.56
Caraga	0.33	0.33	0.25	0.18	0.15
ARMM	0.14	0.18	0.19	0.21	0.20

Table 4.2a CACAO: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2006-2010

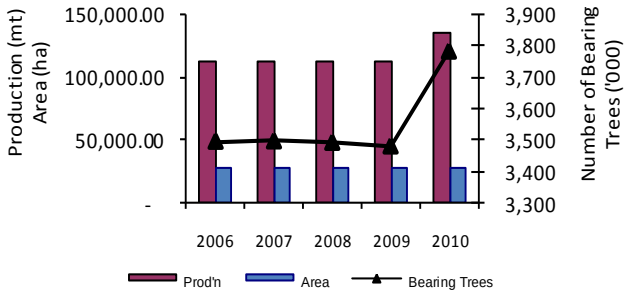
Region	2006	2007	2008	2009	2010
BEARING TREES (no.)					
PHILIPPINES	**4,129,905**	**4,050,124**	**3,942,957**	**3,926,033**	**3,908,457**
CAR	11,600	12,569	12,574	12,582	12,860
Ilocos Region	17,733	17,521	17,521	17,613	17,865
Cagayan Valley	75,417	71,661	72,560	73,730	73,730
Central Luzon	20,100	19,500	19,500	19,309	20,470
CALABARZON	58,570	48,496	46,496	46,486	44,486
MIMAROPA	22,418	25,315	26,701	29,204	31,811
Bicol Region	59,053	56,836	56,836	56,840	56,837
Western Visayas	57,097	56,015	55,422	53,375	51,835
Central Visayas	63,284	61,673	61,423	61,173	60,811
Eastern Visayas	155,887	153,147	152,450	151,449	144,281
Zamboanga Peninsula	101,418	98,730	93,464	80,964	77,764
Northern Mindanao	483,002	482,602	482,155	482,752	482,752
Davao Region	2,570,134	2,538,305	2,460,190	2,460,216	2,460,348
SOCCSKSARGEN	66,579	59,508	57,519	53,594	52,901
Caraga	252,190	252,850	237,755	237,255	232,505
ARMM	115,423	95,396	90,391	89,491	87,201
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**399**	**406**	**404**	**412**	**413**
CAR	414	483	484	484	476
Ilocos Region	237	235	235	240	244
Cagayan Valley	421	396	336	332	332
Central Luzon	591	574	591	585	640
CALABARZON	156	139	137	137	135
MIMAROPA	352	338	359	356	355
Bicol Region	203	200	200	200	200
Western Visayas	442	451	451	464	455
Central Visayas	408	395	396	400	408
Eastern Visayas	390	386	386	400	399
Zamboanga Peninsula	161	163	177	182	183
Northern Mindanao	509	495	512	515	521
Davao Region	508	507	498	498	496
SOCCSKSARGEN	419	416	420	403	407
Caraga	268	289	278	277	277
ARMM	130	141	145	174	174
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**1.31**	**1.29**	**1.31**	**1.31**	**1.28**
CAR	1.18	1.12	1.06	1.12	1.07
Ilocos Region	2.70	2.72	2.87	2.76	2.59
Cagayan Valley	1.22	1.45	1.50	1.57	1.12
Central Luzon	1.84	1.95	2.03	2.12	2.06
CALABARZON	0.65	0.53	0.49	0.47	0.49
MIMAROPA	1.48	1.57	1.65	1.68	1.79
Bicol Region	0.56	0.40	0.51	0.53	0.55
Western Visayas	1.60	1.43	1.39	1.38	1.29
Central Visayas	1.14	1.17	1.05	1.01	0.89
Eastern Visayas	0.84	0.86	0.85	0.84	0.85
Zamboanga Peninsula	1.48	1.48	1.45	1.64	1.56
Northern Mindanao	1.13	1.14	1.14	1.16	1.15
Davao Region	1.40	1.40	1.41	1.43	1.43
SOCCSKSARGEN	1.47	1.45	1.45	1.48	1.39
Caraga	1.22	1.14	0.90	0.66	0.53
ARMM	1.08	1.27	1.31	1.23	1.16

HIGHLIGHTS

CASHEW

Cashew production went up yearly by an average of 4.47 percent from 113.07 thousand mt in 2006 to 134.68 thousand mt in 2010 (Figure 1). Area planted to cashew, likewise, increased annually by 0.45 percent from 27.61 thousand hectares in 2006 to 28.11 thousand hectares in 2010. The number of bearing trees posted a yearly increase of 2.00 percent from 2006 to 2010.

Figure 1. Cashew: Production, Area and Number of Bearing Trees, Philippines, 2006-2010



MIMAROPA, the top producer of cashew, contributed 93.45 percent to the country's production in 2010 (Figure 2).

Figure 2. Cashew: Top Producing Regions, Philippines, 2010

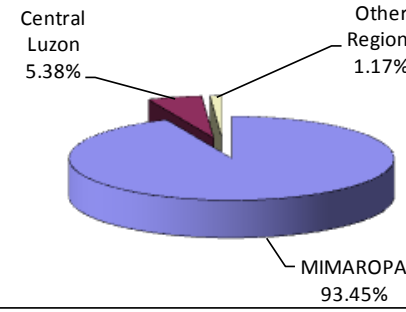


Table 4.3 CASHEW: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**113,071**	**112,558**	**112,334**	**111,993**	**134,681**
CAR			1	1	1
Ilocos Region	618	668	700	730	692
Cagayan Valley	86	79	70	54	49
Central Luzon	7,928	7,448	7,358	7,147	7,242
CALABARZON	97	75	52	49	47
MIMAROPA	103,252	103,261	103,263	103,272	125,864
Bicol Region	5	4	4	4	4
Western Visayas	600	600	563	547	596
Central Visayas	127	119	70	57	58
Eastern Visayas					
Zamboanga Peninsula	15	15	14	12	10
Northern Mindanao	176	132	97	40	44
Davao Region	139	133	116	59	56
SOCCSKSARGEN	16	15	14	12	12
Caraga	13	10	12	8	6
ARMM	0.20	0.19	0.20	0.25	0.20
Area (Ha)					
PHILIPPINES	**27,610**	**27,574**	**27,517**	**27,428**	**28,114**
CAR			2	2	2
Ilocos Region	494	490	486	486	475
Cagayan Valley	44	36	35	36	30
Central Luzon	1,612	1,612	1,575	1,572	1,560
CALABARZON	50	37	32	32	32
MIMAROPA	24,395	24,405	24,410	24,425	25,180
Bicol Region	3	3	3	3	3
Western Visayas	419	419	428	431	431
Central Visayas	21	22	20	20	20
Eastern Visayas					
Zamboanga Peninsula	40	40	39	40	40
Northern Mindanao	157	137	137	54	54
Davao Region	324	322	302	282	241
SOCCSKSARGEN	12	12	11	11	11
Caraga	37	37	35	33	33
ARMM	2	2	2	2	2
Yield Per Hectare (mt)					
PHILIPPINES	**4.10**	**4.08**	**4.08**	**4.08**	**4.79**
CAR			0.65	0.66	0.65
Ilocos Region	1.25	1.36	1.44	1.50	1.46
Cagayan Valley	1.95	2.20	2.00	1.50	1.63
Central Luzon	4.92	4.62	4.67	4.55	4.64
CALABARZON	1.95	2.02	1.64	1.54	1.48
MIMAROPA	4.23	4.23	4.23	4.23	5.00
Bicol Region	1.62	1.25	1.28	1.26	1.32
Western Visayas	1.43	1.43	1.32	1.27	1.38
Central Visayas	6.02	5.42	3.48	2.85	2.91
Eastern Visayas					
Zamboanga Peninsula	0.38	0.39	0.36	0.31	0.26
Northern Mindanao	1.12	0.96	0.71	0.73	0.81
Davao Region	0.43	0.41	0.38	0.21	0.23
SOCCSKSARGEN	1.30	1.22	1.27	1.11	1.05
Caraga	0.34	0.28	0.35	0.25	0.17
ARMM	0.10	0.10	0.10	0.13	0.10

Table 4.3a CASHEW: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2006-2010

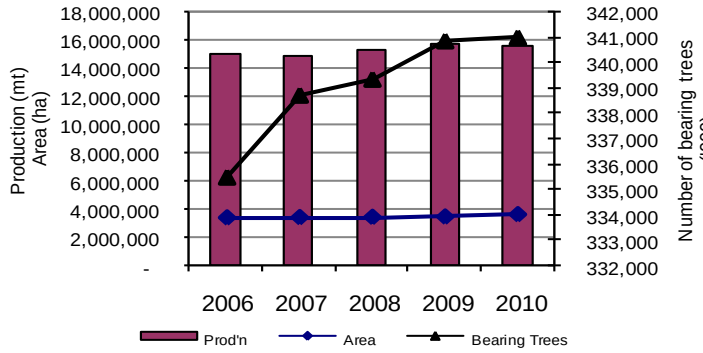
Region	2006	2007	2008	2009	2010
BEARING TREES (no.)					
PHILIPPINES	**3,495,138**	**3,496,379**	**3,491,813**	**3,480,231**	**3,783,210**
CAR			275	288	288
Ilocos Region	69,353	68,965	68,425	68,411	67,945
Cagayan Valley	4,775	4,006	3,921	3,921	3,621
Central Luzon	198,233	203,758	201,949	201,073	206,846
CALABARZON	5,890	4,159	3,230	3,221	3,376
MIMAROPA	3,104,899	3,105,615	3,106,000	3,106,250	3,406,815
Bicol Region	352	343	343	343	343
Western Visayas	60,461	60,152	60,021	59,810	59,948
Central Visayas	5,600	5,600	5,400	5,400	5,450
Eastern Visayas					
Zamboanga Peninsula	3,587	3,590	3,545	3,530	3,520
Northern Mindanao	15,743	14,641	14,628	5,092	5,092
Davao Region	20,070	19,827	18,663	17,594	14,695
SOCCSKSARGEN	1,516	1,260	1,200	1,185	1,210
Caraga	4,540	4,350	4,100	4,000	3,950
ARMM	119	113	113	113	111
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**127**	**127**	**127**	**127**	**135**
CAR			138	144	144
Ilocos Region	140	141	141	141	143
Cagayan Valley	109	111	112	110	121
Central Luzon	123	126	128	128	133
CALABARZON	118	112	101	101	106
MIMAROPA	127	127	127	127	135
Bicol Region	117	114	114	114	114
Western Visayas	144	144	140	139	139
Central Visayas	267	255	270	270	273
Eastern Visayas					
Zamboanga Peninsula	90	90	91	88	88
Northern Mindanao	100	107	107	94	94
Davao Region	62	62	62	63	61
SOCCSKSARGEN	126	105	109	108	110
Caraga	123	118	117	121	120
ARMM	60	57	57	57	56
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**32.35**	**32.19**	**32.17**	**32.18**	**35.60**
CAR			4.73	4.58	4.51
Ilocos Region	8.92	9.68	10.23	10.68	10.19
Cagayan Valley	17.94	19.77	17.88	13.68	13.53
Central Luzon	39.99	36.55	36.43	35.54	35.01
CALABARZON	16.55	17.93	16.20	15.26	14.03
MIMAROPA	33.25	33.25	33.25	33.25	36.94
Bicol Region	13.85	10.93	11.20	10.99	11.52
Western Visayas	9.93	9.97	9.38	9.15	9.95
Central Visayas	22.59	21.30	12.88	10.57	10.68
Eastern Visayas					
Zamboanga Peninsula	4.25	4.30	3.92	3.48	2.94
Northern Mindanao	11.15	9.00	6.62	7.79	8.62
Davao Region	6.90	6.73	6.22	3.35	3.80
SOCCSKSARGEN	10.28	11.64	11.62	10.32	9.50
Caraga	2.77	2.37	2.99	2.03	1.42
ARMM	1.68	1.68	1.77	2.21	1.80

HIGHLIGHTS

COCONUT

Coconut production in 2010 was 15.51 million mt which was 0.91 percent higher than the 2006 output of 14.96 million mt (Figure 1). Average yield also increased to 45.48 kilograms per bearing tree in 2010 from 44.59 kilograms per bearing tree in 2006 (Table 4.4a). These increases were brought about by the increasing price of copra and the effects of the fertilization program of the Philippine Coconut Authority. However, production went down by 1.00 percent in 2010 due to the dry spell in 2009 and the adverse effects of typhoon Juan that caused the falling of young nuts in Northern Luzon. From 2006 to 2010, area planted and number of bearing trees continued to increase by respective average annual rates of 1.74 percent and 0.41 percent.

Figure 1. Coconut: Production, Area and Number of Bearing Trees, Philippines, 2006-2010



The top coconut producer was Davao Region with contribution of 16.99 percent to the national production in 2010. The other major producers were Eastern Visayas, Northern Mindanao and Zamboanga Peninsula. Each of these regions shared 11 percent or more to the national production (Figure 2).

Figure 2. Coconut: Top Producing Regions, Philippines, 2010

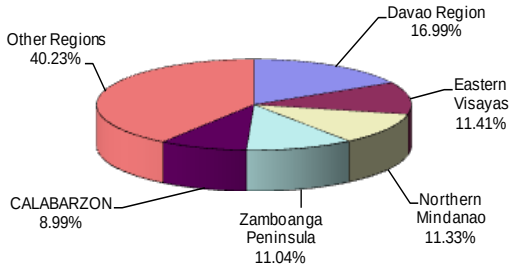


Table 4.4 COCONUT: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**14,957,910**	**14,852,927**	**15,319,527**	**15,667,565**	**15,510,283**
CAR	834	861	866	906	914
Ilocos Region	31,568	34,551	36,144	38,023	37,379
Cagayan Valley	75,549	79,326	77,776	71,896	67,320
Central Luzon	183,655	182,403	189,103	199,730	210,442
CALABARZON	1,456,735	1,247,032	1,362,852	1,430,128	1,394,638
MIMAROPA	666,398	567,161	580,603	668,361	659,219
Bicol Region	1,219,374	959,358	1,159,810	1,257,221	1,269,538
Western Visayas	488,401	483,067	482,736	478,331	472,745
Central Visayas	377,016	396,696	393,855	434,589	429,717
Eastern Visayas	1,760,079	1,778,045	1,805,072	1,776,916	1,769,082
Zamboanga Peninsula	1,723,659	1,766,479	1,714,907	1,744,738	1,713,018
Northern Mindanao	1,491,120	1,669,281	1,713,354	1,743,338	1,757,165
Davao Region	2,497,515	2,581,103	2,671,203	2,691,905	2,635,867
SOCCSKSARGEN	810,160	854,581	870,094	895,086	864,270
Caraga	995,136	1,010,275	1,011,096	985,427	974,213
ARMM	1,180,709	1,242,708	1,250,054	1,250,971	1,254,755
Area (Ha)					
PHILIPPINES	**3,337,378**	**3,359,777**	**3,379,741**	**3,401,500**	**3,575,944**
CAR	272	280	281	281	281
Ilocos Region	11,296	11,406	11,458	11,540	11,740
Cagayan Valley	13,613	13,618	13,650	13,661	13,661
Central Luzon	24,098	24,105	24,086	24,088	24,088
CALABARZON	342,997	343,541	343,578	343,568	438,673
MIMAROPA	156,258	160,405	161,858	179,321	181,784
Bicol Region	432,620	442,406	447,743	447,764	452,679
Western Visayas	122,573	122,573	122,785	119,663	119,922
Central Visayas	128,646	128,646	128,646	128,707	128,677
Eastern Visayas	371,670	372,497	378,968	383,546	434,539
Zamboanga Peninsula	363,530	363,624	368,365	369,013	372,971
Northern Mindanao	303,027	298,985	299,905	300,575	301,257
Davao Region	372,213	376,398	375,932	375,922	375,885
SOCCSKSARGEN	161,311	167,985	168,969	169,254	185,021
Caraga	218,882	218,932	219,102	219,107	219,121
ARMM	314,372	314,376	314,415	315,490	315,645
Yield Per Hectare (mt)					
PHILIPPINES	**4.48**	**4.42**	**4.53**	**4.61**	**4.34**
CAR	3.07	3.08	3.08	3.22	3.25
Ilocos Region	2.79	3.03	3.15	3.29	3.18
Cagayan Valley	5.55	5.83	5.70	5.26	4.93
Central Luzon	7.62	7.57	7.85	8.29	8.74
CALABARZON	4.25	3.63	3.97	4.16	3.18
MIMAROPA	4.26	3.54	3.59	3.73	3.63
Bicol Region	2.82	2.17	2.59	2.81	2.80
Western Visayas	3.98	3.94	3.93	4.00	3.94
Central Visayas	2.93	3.08	3.06	3.38	3.34
Eastern Visayas	4.74	4.77	4.76	4.63	4.07
Zamboanga Peninsula	4.74	4.86	4.66	4.73	4.59
Northern Mindanao	4.92	5.58	5.71	5.80	5.83
Davao Region	6.71	6.86	7.11	7.16	7.01
SOCCSKSARGEN	5.02	5.09	5.15	5.29	4.67
Caraga	4.55	4.61	4.61	4.50	4.45
ARMM	3.76	3.95	3.98	3.97	3.98

Table 4.4a COCONUT: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2006-2010

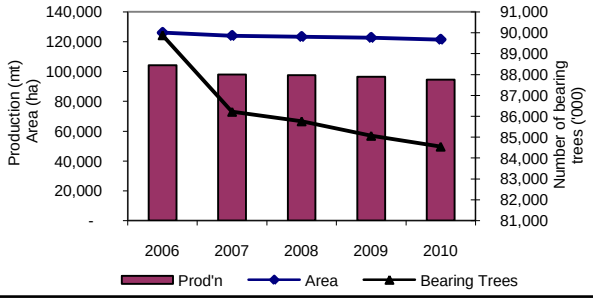
Region	2006	2007	2008	2009	2010
BEARING TREES (no.)					
PHILIPPINES	**335,466,568**	**338,724,352**	**339,357,206**	**340,882,817**	**341,020,368**
CAR	32,828	33,269	33,341	33,481	33,497
Ilocos Region	888,021	891,677	894,856	895,914	896,727
Cagayan Valley	1,366,192	1,366,567	1,372,809	1,372,767	1,372,790
Central Luzon	2,353,636	2,358,895	2,359,706	3,003,200	3,008,747
CALABARZON	41,720,180	41,714,661	41,750,811	41,750,248	41,746,328
MIMAROPA	17,147,487	17,142,289	17,229,897	17,300,172	17,530,994
Bicol Region	34,437,381	34,452,018	33,994,462	34,094,550	35,015,713
Western Visayas	9,577,131	9,578,206	9,657,270	9,516,597	9,542,000
Central Visayas	12,558,177	12,558,177	12,620,221	12,870,240	12,817,958
Eastern Visayas	48,076,843	48,061,093	48,069,659	48,643,020	46,209,530
Zamboanga Peninsula	29,440,995	30,344,292	30,801,254	30,920,994	31,032,964
Northern Mindanao	31,806,636	31,813,502	32,059,787	31,805,687	31,869,349
Davao Region	39,154,236	39,923,065	39,880,553	39,860,142	39,843,291
SOCCSKSARGEN	13,644,973	14,399,330	14,515,961	14,536,465	15,850,720
Caraga	20,035,156	20,839,900	20,845,650	20,846,275	20,836,195
ARMM	33,226,696	33,247,411	33,270,969	33,433,065	33,413,565
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**101**	**101**	**100**	**100**	**95**
CAR	121	119	119	119	119
Ilocos Region	79	78	78	78	76
Cagayan Valley	100	100	101	100	100
Central Luzon	98	98	98	125	125
CALABARZON	122	121	122	122	95
MIMAROPA	110	107	106	96	96
Bicol Region	80	78	76	76	77
Western Visayas	78	78	79	80	80
Central Visayas	98	98	98	100	100
Eastern Visayas	129	129	127	127	106
Zamboanga Peninsula	81	83	84	84	83
Northern Mindanao	105	106	107	106	106
Davao Region	105	106	106	106	106
SOCCSKSARGEN	85	86	86	86	86
Caraga	92	95	95	95	95
ARMM	106	106	106	106	106
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**44.59**	**43.85**	**45.14**	**45.96**	**45.48**
CAR	25.41	25.88	25.97	27.06	27.29
Ilocos Region	35.55	38.75	40.39	42.44	41.68
Cagayan Valley	55.30	58.05	56.65	52.37	49.04
Central Luzon	78.03	77.33	80.14	66.51	69.94
CALABARZON	34.92	29.89	32.64	34.25	33.41
MIMAROPA	38.86	33.09	33.70	38.63	37.60
Bicol Region	35.41	27.85	34.12	36.87	36.26
Western Visayas	51.00	50.43	49.99	50.26	49.54
Central Visayas	30.02	31.59	31.21	33.77	33.52
Eastern Visayas	36.61	37.00	37.55	36.53	38.28
Zamboanga Peninsula	58.55	58.21	55.68	56.43	55.20
Northern Mindanao	46.88	52.47	53.44	54.81	55.14
Davao Region	63.79	64.65	66.98	67.53	66.16
SOCCSKSARGEN	59.37	59.35	59.94	61.58	54.53
Caraga	49.67	48.48	48.50	47.27	46.76
ARMM	35.53	37.38	37.57	37.42	37.55

HIGHLIGHTS

COFFEE

Throughout the period 2006-2010, coffee production went down by an average annual rate of 2.38 percent (Figure 1). In 2010, coffee production was estimated at 94.54 thousand mt which was 1.97 percent lower than the 2009 production of 96.43 thousand mt. The declining production was attributed to the cutting of trees due to land use conversion in Davao City and the effects of dry spell in Iloilo and Davao del Sur. Area planted and number of bearing trees contracted annually by 0.94 percent and 1.52 percent, respectively (Figure 1).

Figure 1. Coffee: Production, Area and Number of Bearing Tress, Philippines, 2006-2010



SOCCSKSARGEN was the top coffee producer in 2010 with 29.37 percent contribution to the country's total production. The second top producer was Davao Region with 23.99 percent share to the national total (Figure 2).

Figure 2. Coffee: Top Producing Regions, Philippines, 2010

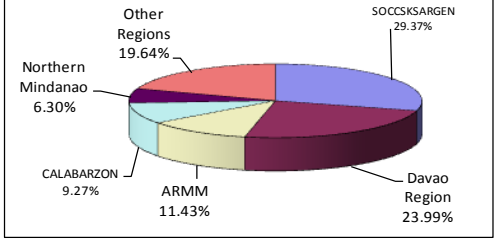
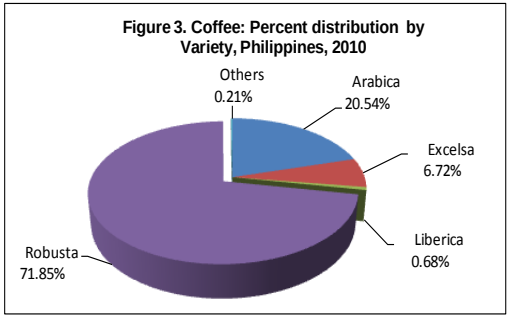


Figure 3. Coffee: Percent distribution by Variety, Philippines, 2010



Of the coffee varieties, Robusta had the highest share of 71.85 percent in the total production of all varieties (Figure 3).

Table 4.5 COFFEE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**104,093**	**97,877**	**97,428**	**96,433**	**94,536**
CAR	6,346	6,252	5,950	5,700	5,608
Ilocos Region	85	88	98	105	107
Cagayan Valley	1,040	1,062	1,080	1,099	1,040
Central Luzon	1,534	1,591	1,673	1,706	1,768
CALABARZON	10,276	8,819	9,132	9,084	8,764
MIMAROPA	205	206	207	202	204
Bicol Region	366	340	339	335	336
Western Visayas	6,004	5,835	5,734	5,902	5,625
Central Visayas	364	314	295	251	213
Eastern Visayas	207	197	247	227	212
Zamboanga Peninsula	1,368	1,337	1,314	1,263	1,202
Northern Mindanao	6,292	6,287	6,203	6,016	5,957
Davao Region	28,839	24,466	24,066	23,632	22,682
SOCCSKSARGEN	27,047	27,123	27,022	27,554	27,761
Caraga	3,120	3,115	3,147	2,619	2,252
ARMM	11,000	10,844	10,922	10,737	10,803
Area (Ha)					
PHILIPPINES	**126,063**	**123,975**	**123,269**	**122,645**	**121,399**
CAR	7,780	7,581	7,270	6,980	6,866
Ilocos Region	111	107	120	120	118
Cagayan Valley	2,861	2,863	2,863	2,873	2,872
Central Luzon	1,857	1,867	1,897	1,887	1,887
CALABARZON	15,296	14,780	14,650	14,306	14,352
MIMAROPA	942	942	935	911	883
Bicol Region	859	867	867	838	838
Western Visayas	10,085	10,087	10,133	10,106	9,956
Central Visayas	1,422	1,412	1,255	1,396	1,546
Eastern Visayas	411	411	411	379	351
Zamboanga Peninsula	1,471	1,444	1,406	1,332	1,304
Northern Mindanao	13,216	13,218	13,137	13,083	11,629
Davao Region	27,735	26,677	26,633	26,624	25,847
SOCCSKSARGEN	24,057	23,930	23,919	24,038	25,171
Caraga	4,354	4,061	4,047	4,039	4,045
ARMM	13,605	13,728	13,725	13,734	13,735
Yield Per Hectare (mt)					
PHILIPPINES	**0.83**	**0.79**	**0.79**	**0.79**	**0.78**
CAR	0.82	0.82	0.82	0.82	0.82
Ilocos Region	0.76	0.82	0.81	0.88	0.90
Cagayan Valley	0.36	0.37	0.38	0.38	0.36
Central Luzon	0.83	0.85	0.88	0.90	0.94
CALABARZON	0.67	0.60	0.62	0.64	0.61
MIMAROPA	0.22	0.22	0.22	0.22	0.23
Bicol Region	0.43	0.39	0.39	0.40	0.40
Western Visayas	0.60	0.58	0.57	0.58	0.56
Central Visayas	0.26	0.22	0.24	0.18	0.14
Eastern Visayas	0.50	0.48	0.60	0.60	0.60
Zamboanga Peninsula	0.93	0.93	0.93	0.95	0.92
Northern Mindanao	0.48	0.48	0.47	0.46	0.51
Davao Region	1.04	0.92	0.90	0.89	0.88
SOCCSKSARGEN	1.12	1.13	1.13	1.15	1.10
Caraga	0.72	0.77	0.78	0.65	0.56
ARMM	0.81	0.79	0.80	0.78	0.79

Table 4.5a COFFEE: NUMBER OF BEARING TREES, PLANTING DENSITY, AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
BEARING TREES (no.)					
PHILIPPINES	**89,883,642**	**86,214,597**	**85,757,726**	**85,064,363**	**84,544,625**
CAR	4,867,698	4,779,615	4,620,760	4,510,660	4,499,950
Ilocos Region	63,353	62,424	68,105	70,194	70,015
Cagayan Valley	1,846,863	1,847,203	1,846,870	1,849,283	1,846,320
Central Luzon	1,227,801	1,311,074	1,271,276	1,264,658	1,280,022
CALABARZON	13,418,661	10,702,962	10,593,632	10,480,626	10,735,362
MIMAROPA	351,765	351,129	352,084	348,872	339,355
Bicol Region	622,763	610,465	610,565	594,507	594,707
Western Visayas	6,084,083	6,061,738	6,058,031	6,045,456	5,960,966
Central Visayas	1,066,334	1,057,192	1,047,892	1,049,884	1,048,056
Eastern Visayas	211,435	210,569	212,289	204,359	188,102
Zamboanga Peninsula	835,916	826,846	810,694	797,819	811,279
Northern Mindanao	6,911,871	6,844,312	6,833,177	6,810,199	5,973,193
Davao Region	22,726,669	21,882,670	21,856,136	21,843,516	21,836,331
SOCCSKSARGEN	18,175,954	18,331,987	18,278,494	17,898,061	18,071,950
Caraga	2,785,765	2,586,500	2,583,055	2,575,250	2,566,125
ARMM	8,686,711	8,747,911	8,714,666	8,721,019	8,722,892
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**713**	**695**	**696**	**694**	**696**
CAR	626	630	636	646	655
Ilocos Region	569	586	565	587	594
Cagayan Valley	646	645	645	644	643
Central Luzon	661	702	670	670	678
CALABARZON	877	724	723	733	748
MIMAROPA	373	373	377	383	384
Bicol Region	725	704	704	709	710
Western Visayas	603	601	598	598	599
Central Visayas	750	749	835	752	678
Eastern Visayas	514	512	517	540	536
Zamboanga Peninsula	568	573	576	599	622
Northern Mindanao	523	518	520	521	514
Davao Region	819	820	821	820	845
SOCCSKSARGEN	756	766	764	745	718
Caraga	640	637	638	638	634
ARMM	638	637	635	635	635
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**1.16**	**1.14**	**1.14**	**1.13**	**1.12**
CAR	1.30	1.31	1.29	1.26	1.25
Ilocos Region	1.34	1.40	1.43	1.50	1.52
Cagayan Valley	0.56	0.58	0.58	0.59	0.56
Central Luzon	1.25	1.21	1.32	1.35	1.38
CALABARZON	0.77	0.82	0.86	0.87	0.82
MIMAROPA	0.58	0.59	0.59	0.58	0.60
Bicol Region	0.59	0.56	0.56	0.56	0.57
Western Visayas	0.99	0.96	0.95	0.98	0.94
Central Visayas	0.34	0.30	0.28	0.24	0.20
Eastern Visayas	0.98	0.94	1.16	1.11	1.13
Zamboanga Peninsula	1.64	1.62	1.62	1.58	1.48
Northern Mindanao	0.91	0.92	0.91	0.88	1.00
Davao Region	1.27	1.12	1.10	1.08	1.04
SOCCSKSARGEN	1.49	1.48	1.48	1.54	1.54
Caraga	1.12	1.20	1.22	1.02	0.88
ARMM	1.27	1.24	1.25	1.23	1.24

Table 4.5.1 COFFEE ARABICA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**20,315**	**19,739**	**19,677**	**19,655**	**19,421**
CAR	522	533	535	548	550
Ilocos Region	27	30	33	37	38
Cagayan Valley	209	217	216	222	210
Central Luzon	5	6	6	6	6
CALABARZON	155	88	91	85	76
MIMAROPA	8	7	7	6	6
Bicol Region	85	74	75	76	75
Western Visayas	956	935	913	947	885
Central Visayas	48	39	37	36	23
Eastern Visayas	78	73	71	68	65
Zamboanga Peninsula	643	623	594	546	507
Northern Mindanao	408	399	395	393	386
Davao Region	3,805	3,216	3,152	3,138	3,004
SOCCSKSARGEN	11,625	11,778	11,804	11,831	11,841
Caraga	2	3	3	2	2
ARMM	1,738	1,719	1,745	1,715	1,746
Area (Ha)					
PHILIPPINES	**20,804**	**20,008**	**19,977**	**19,862**	**19,622**
CAR	558	575	578	574	585
Ilocos Region	26	25	24	24	23
Cagayan Valley	568	570	570	573	573
Central Luzon	258	263	263	263	263
CALABARZON	225	158	143	138	131
MIMAROPA	73	72	70	61	44
Bicol Region	273	272	272	266	266
Western Visayas	1,801	1,813	1,827	1,821	1,792
Central Visayas	514	511	511	505	491
Eastern Visayas	130	130	128	121	113
Zamboanga Peninsula	588	571	557	530	522
Northern Mindanao	578	607	607	605	604
Davao Region	4,531	4,014	4,007	4,004	3,854
SOCCSKSARGEN	8,881	8,628	8,610	8,562	8,547
Caraga	3	3	3	3	2
ARMM	1,797	1,797	1,807	1,812	1,812
Yield Per Hectare (mt)					
PHILIPPINES	**0.98**	**0.99**	**0.98**	**0.99**	**0.99**
CAR	0.94	0.93	0.93	0.95	0.94
Ilocos Region	1.05	1.21	1.38	1.57	1.64
Cagayan Valley	0.37	0.38	0.38	0.39	0.37
Central Luzon	0.02	0.02	0.02	0.02	0.02
CALABARZON	0.69	0.55	0.63	0.61	0.58
MIMAROPA	0.11	0.10	0.10	0.10	0.13
Bicol Region	0.31	0.27	0.28	0.28	0.28
Western Visayas	0.53	0.52	0.50	0.52	0.49
Central Visayas	0.09	0.08	0.07	0.07	0.05
Eastern Visayas	0.60	0.56	0.56	0.57	0.57
Zamboanga Peninsula	1.09	1.09	1.07	1.03	0.97
Northern Mindanao	0.71	0.66	0.65	0.65	0.64
Davao Region	0.84	0.80	0.79	0.78	0.78
SOCCSKSARGEN	1.31	1.37	1.37	1.38	1.39
Caraga	0.77	1.07	1.10	0.70	0.75
ARMM	0.97	0.96	0.97	0.95	0.96

Table 4.5.1a COFFEE ARABICA: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
BEARING TREES (no.)					
PHILIPPINES	**14,429,081**	**13,982,479**	**13,957,631**	**13,908,200**	**13,999,774**
CAR	393,046	406,531	406,967	403,577	424,261
Ilocos Region	18,435	18,623	18,354	18,708	19,044
Cagayan Valley	366,730	368,655	368,555	369,155	368,555
Central Luzon	156,775	159,925	159,930	159,996	160,049
CALABARZON	130,905	91,093	81,500	79,021	76,173
MIMAROPA	27,601	26,942	26,130	22,497	18,645
Bicol Region	206,311	201,571	201,611	198,080	198,180
Western Visayas	859,162	858,891	858,451	856,396	841,615
Central Visayas	393,171	388,570	388,570	383,945	381,644
Eastern Visayas	59,055	58,818	58,090	56,329	53,086
Zamboanga Peninsula	354,712	352,401	343,531	340,441	345,401
Northern Mindanao	307,598	303,972	303,217	302,799	302,496
Davao Region	3,496,867	3,099,268	3,094,661	3,091,950	3,091,192
SOCCSKSARGEN	6,175,887	6,164,568	6,155,168	6,128,558	6,222,257
Caraga	2,475	2,200	2,225	2,200	1,800
ARMM	1,480,351	1,480,451	1,490,671	1,494,548	1,495,376
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**694**	**699**	**699**	**700**	**713**
CAR	704	707	704	703	725
Ilocos Region	715	760	763	793	821
Cagayan Valley	646	647	647	644	643
Central Luzon	608	608	608	608	609
CALABARZON	583	577	570	573	581
MIMAROPA	378	375	374	370	425
Bicol Region	756	741	741	745	745
Western Visayas	477	474	470	470	470
Central Visayas	765	760	760	760	777
Eastern Visayas	453	452	455	466	469
Zamboanga Peninsula	603	617	616	642	661
Northern Mindanao	532	501	500	500	501
Davao Region	772	772	772	772	802
SOCCSKSARGEN	695	714	715	716	728
Caraga	825	733	742	733	900
ARMM	824	824	825	825	825
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**1.41**	**1.41**	**1.41**	**1.41**	**1.39**
CAR	1.33	1.31	1.32	1.36	1.30
Ilocos Region	1.47	1.60	1.81	1.98	1.99
Cagayan Valley	0.57	0.59	0.59	0.60	0.57
Central Luzon	0.03	0.03	0.03	0.04	0.04
CALABARZON	1.19	0.96	1.11	1.07	1.00
MIMAROPA	0.29	0.28	0.26	0.28	0.31
Bicol Region	0.41	0.37	0.37	0.38	0.38
Western Visayas	1.11	1.09	1.06	1.11	1.05
Central Visayas	0.12	0.10	0.09	0.09	0.06
Eastern Visayas	1.33	1.24	1.23	1.22	1.22
Zamboanga Peninsula	1.81	1.77	1.73	1.60	1.47
Northern Mindanao	1.33	1.31	1.30	1.30	1.28
Davao Region	1.09	1.04	1.02	1.01	0.97
SOCCSKSARGEN	1.88	1.91	1.92	1.93	1.90
Caraga	0.93	1.45	1.48	0.95	0.83
ARMM	1.17	1.16	1.17	1.15	1.17

Table 4.5.2 COFFEE EXCELSA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**8,326**	**7,129**	**6,763**	**6,572**	**6,354**
CAR	92	92	90	87	85
Ilocos Region	16	15	17	19	19
Cagayan Valley	158	162	164	167	155
Central Luzon	39	41	42	39	41
CALABARZON	1,306	968	939	926	891
MIMAROPA	44	44	44	43	44
Bicol Region	1	1	1	1	1
Western Visayas	2	2	2	2	2
Central Visayas	0.31	0.01	0.01	0.01	0.01
Eastern Visayas	56	52	49	47	43
Zamboanga Peninsula	186	174	162	152	143
Northern Mindanao	401	389	372	354	354
Davao Region	3,125	2,604	2,525	2,519	2,433
SOCCSKSARGEN	1,074	744	529	630	594
Caraga	371	363	310	116	61
ARMM	1,452	1,475	1,516	1,469	1,489
Area (Ha)					
PHILIPPINES	**10,867**	**10,387**	**10,176**	**9,687**	**9,576**
CAR	198	196	191	190	190
Ilocos Region	19	18	18	18	18
Cagayan Valley	371	371	371	372	372
Central Luzon	63	63	63	53	53
CALABARZON	3,160	2,994	2,924	2,693	2,713
MIMAROPA	161	160	159	153	148
Bicol Region	2	2	2	1	1
Western Visayas	6	8	10	10	11
Central Visayas	1	1	1	1	1
Eastern Visayas	123	123	121	113	101
Zamboanga Peninsula	225	217	208	187	175
Northern Mindanao	877	879	817	767	767
Davao Region	2,710	2,431	2,426	2,424	2,343
SOCCSKSARGEN	1,177	1,172	1,124	969	953
Caraga	229	206	192	184	178
ARMM	1,545	1,545	1,549	1,552	1,552
Yield Per Hectare (mt)					
PHILIPPINES	**0.77**	**0.69**	**0.66**	**0.68**	**0.66**
CAR	0.47	0.47	0.47	0.46	0.45
Ilocos Region	0.82	0.86	0.94	1.04	1.04
Cagayan Valley	0.43	0.44	0.44	0.45	0.42
Central Luzon	0.62	0.66	0.67	0.74	0.77
CALABARZON	0.41	0.32	0.32	0.34	0.33
MIMAROPA	0.27	0.28	0.28	0.28	0.30
Bicol Region	0.68	0.65	0.66	1.28	1.29
Western Visayas	0.36	0.27	0.20	0.20	0.14
Central Visayas	0.31	0.01	0.01	0.01	0.01
Eastern Visayas	0.46	0.42	0.41	0.42	0.42
Zamboanga Peninsula	0.83	0.80	0.78	0.81	0.82
Northern Mindanao	0.46	0.44	0.46	0.46	0.46
Davao Region	1.15	1.07	1.04	1.04	1.04
SOCCSKSARGEN	0.91	0.64	0.47	0.65	0.62
Caraga	1.62	1.76	1.62	0.63	0.34
ARMM	0.94	0.95	0.98	0.95	0.96

Table 4.5.2a COFFEE EXCELSA: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
BEARING TREES (no.)					
PHILIPPINES	**6,722,073**	**6,324,887**	**6,239,477**	**5,959,635**	**5,897,929**
CAR	88,905	90,570	89,151	87,813	87,580
Ilocos Region	11,593	11,205	11,205	12,078	12,202
Cagayan Valley	237,958	237,965	237,915	238,428	237,915
Central Luzon	47,576	48,433	51,530	40,058	38,186
CALABARZON	1,193,581	1,089,127	1,048,000	967,788	943,899
MIMAROPA	70,882	70,866	70,630	65,145	62,618
Bicol Region	888	888	888	444	444
Western Visayas	3,364	3,348	3,413	3,160	3,039
Central Visayas	435	435	435	430	424
Eastern Visayas	51,925	51,797	51,221	49,883	45,081
Zamboanga Peninsula	96,467	95,149	89,917	83,354	81,514
Northern Mindanao	487,694	446,774	445,440	411,610	411,610
Davao Region	2,064,946	1,854,158	1,851,458	1,849,219	1,846,790
SOCCSKSARGEN	974,190	964,318	923,700	791,560	773,872
Caraga	223,015	191,200	187,650	180,000	173,545
ARMM	1,168,654	1,168,654	1,176,924	1,178,665	1,179,210
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**619**	**609**	**613**	**615**	**616**
CAR	449	462	467	462	461
Ilocos Region	610	623	623	671	678
Cagayan Valley	641	641	641	641	640
Central Luzon	755	769	818	756	720
CALABARZON	378	364	358	359	348
MIMAROPA	440	442	444	426	425
Bicol Region	444	444	444	444	444
Western Visayas	526	399	328	304	267
Central Visayas	435	435	435	430	424
Eastern Visayas	422	421	423	441	446
Zamboanga Peninsula	429	438	432	446	466
Northern Mindanao	556	508	545	537	537
Davao Region	762	763	763	763	788
SOCCSKSARGEN	828	823	822	817	812
Caraga	974	928	977	978	975
ARMM	756	756	760	759	760
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**1.24**	**1.13**	**1.08**	**1.10**	**1.08**
CAR	1.04	1.02	1.01	0.99	0.97
Ilocos Region	1.35	1.38	1.51	1.56	1.53
Cagayan Valley	0.66	0.68	0.69	0.70	0.65
Central Luzon	0.82	0.85	0.82	0.98	1.08
CALABARZON	1.09	0.89	0.90	0.96	0.94
MIMAROPA	0.62	0.62	0.63	0.65	0.71
Bicol Region	1.53	1.45	1.48	2.88	2.91
Western Visayas	0.69	0.67	0.62	0.64	0.53
Central Visayas	0.71	0.02	0.02	0.02	0.01
Eastern Visayas	1.08	1.00	0.97	0.95	0.95
Zamboanga Peninsula	1.93	1.83	1.80	1.82	1.76
Northern Mindanao	0.82	0.87	0.84	0.86	0.86
Davao Region	1.51	1.40	1.36	1.36	1.32
SOCCSKSARGEN	1.10	0.77	0.57	0.80	0.77
Caraga	1.66	1.90	1.65	0.65	0.35
ARMM	1.24	1.26	1.29	1.25	1.26

Table 4.5.3 COFFEE LIBERICA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**783**	**683**	**672**	**659**	**639**
CAR	18	18	18	17	18
Ilocos Region					
Cagayan Valley	10	11	11	11	10
Central Luzon	3	3	3	3	3
CALABARZON	233	152	146	136	129
MIMAROPA	51	46	42	38	33
Bicol Region	5	5	5	4	5
Western Visayas	177	172	168	173	156
Central Visayas	15	13	11	11	9
Eastern Visayas	16	15	14	14	13
Zamboanga Peninsula	19	17	15	14	11
Northern Mindanao					
Davao Region	91	85	86	86	83
SOCCSKSARGEN	5	5	3	2	2
Caraga	2	3	3	2	1
ARMM	138	141	147	147	165
Area (Ha)					
PHILIPPINES	**1,572**	**1,510**	**1,492**	**1,444**	**1,410**
CAR	16	16	16	16	16
Ilocos Region					-
Cagayan Valley	34	36	36	39	38
Central Luzon	2	2	2	2	2
CALABARZON	301	247	236	208	205
MIMAROPA	146	145	142	133	125
Bicol Region	11	10	10	8	8
Western Visayas	295	295	295	291	271
Central Visayas	45	45	40	38	38
Eastern Visayas	20	20	19	17	16
Zamboanga Peninsula	33	31	24	21	19
Northern Mindanao					-
Davao Region	77	72	72	72	72
SOCCSKSARGEN	4	3	3	2	2
Caraga	2	2	2	2	2
ARMM	586	586	595	595	595
Yield Per Hectare (mt)					
PHILIPPINES	**0.50**	**0.45**	**0.45**	**0.46**	**0.45**
CAR	1.14	1.12	1.11	1.09	1.10
Ilocos Region					
Cagayan Valley	0.29	0.29	0.30	0.29	0.26
Central Luzon	1.50	1.60	1.62	1.68	1.73
CALABARZON	0.78	0.61	0.62	0.66	0.63
MIMAROPA	0.35	0.31	0.30	0.28	0.27
Bicol Region	0.43	0.45	0.46	0.56	0.58
Western Visayas	0.60	0.58	0.57	0.59	0.58
Central Visayas	0.33	0.29	0.28	0.28	0.23
Eastern Visayas	0.80	0.73	0.75	0.81	0.83
Zamboanga Peninsula	0.57	0.55	0.64	0.65	0.57
Northern Mindanao					
Davao Region	1.18	1.18	1.20	1.20	1.16
SOCCSKSARGEN	1.24	1.51	0.92	1.13	0.98
Caraga	1.00	1.50	1.58	0.84	0.50
ARMM	0.24	0.24	0.25	0.25	0.28

Table 4.5.3a COFFEE LIBERICA: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
BEARING TREES (no.)					
PHILIPPINES	**1,025,886**	**992,237**	**980,529**	**951,038**	**933,034**
CAR	14,729	14,659	14,590	13,468	12,938
Ilocos Region					
Cagayan Valley	23,415	24,215	24,165	24,765	23,615
Central Luzon	1,500	1,616	1,616	1,647	1,693
CALABARZON	134,795	109,212	101,302	82,621	81,550
MIMAROPA	60,575	60,570	59,187	56,575	53,252
Bicol Region	5,467	4,970	4,970	3,976	3,976
Western Visayas	163,659	163,609	163,579	161,913	150,806
Central Visayas	27,000	24,800	21,500	19,000	18,980
Eastern Visayas	6,578	6,250	5,925	5,897	5,580
Zamboanga Peninsula	8,395	7,961	7,011	5,390	4,930
Northern Mindanao					
Davao Region	75,353	70,755	70,750	70,750	70,750
SOCCSKSARGEN	2,950	2,350	2,300	1,532	1,530
Caraga	1,650	1,450	1,480	1,350	1,280
ARMM	499,820	499,820	502,154	502,154	502,154
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**653**	**657**	**657**	**659**	**662**
CAR	921	916	912	842	809
Ilocos Region					
Cagayan Valley	689	673	671	635	621
Central Luzon	750	808	808	824	847
CALABARZON	448	442	429	397	398
MIMAROPA	415	418	418	425	425
Bicol Region	497	497	497	497	497
Western Visayas	555	555	555	556	556
Central Visayas	600	551	538	500	499
Eastern Visayas	329	313	312	347	349
Zamboanga Peninsula	254	261	292	254	257
Northern Mindanao					
Davao Region	979	983	983	983	983
SOCCSKSARGEN	738	783	767	766	765
Caraga	825	725	740	675	640
ARMM	853	853	844	844	844
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**0.76**	**0.69**	**0.69**	**0.69**	**0.68**
CAR	1.23	1.22	1.21	1.30	1.36
Ilocos Region					
Cagayan Valley	0.43	0.43	0.45	0.46	0.42
Central Luzon	2.00	1.98	2.00	2.03	2.04
CALABARZON	1.73	1.39	1.44	1.65	1.59
MIMAROPA	0.84	0.75	0.71	0.67	0.63
Bicol Region	0.87	0.91	0.92	1.13	1.16
Western Visayas	1.08	1.05	1.03	1.07	1.04
Central Visayas	0.55	0.53	0.52	0.56	0.47
Eastern Visayas	2.43	2.32	2.41	2.33	2.37
Zamboanga Peninsula	2.23	2.12	2.19	2.55	2.22
Northern Mindanao					
Davao Region	1.21	1.20	1.22	1.22	1.18
SOCCSKSARGEN	1.68	1.93	1.20	1.48	1.28
Caraga	1.21	2.07	2.13	1.24	0.78
ARMM	0.28	0.28	0.29	0.29	0.33

Table 4.5.4 COFFEE ROBUSTA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**74,453**	**70,122**	**70,112**	**69,350**	**67,928**
CAR	5,520	5,416	5,114	4,862	4,772
Ilocos Region	42	42	47	49	50
Cagayan Valley	661	673	689	699	665
Central Luzon	1,487	1,541	1,622	1,658	1,718
CALABARZON	8,581	7,611	7,957	7,937	7,668
MIMAROPA	97	105	110	111	116
Bicol Region	275	259	258	253	255
Western Visayas	4,868	4,725	4,650	4,780	4,583
Central Visayas	285	261	247	204	181
Eastern Visayas	55	52	107	93	87
Zamboanga Peninsula	520	524	542	552	541
Northern Mindanao	5,483	5,500	5,435	5,267	5,214
Davao Region	21,818	18,561	18,303	17,888	17,162
SOCCSKSARGEN	14,343	14,596	14,686	15,091	15,325
Caraga	2,744	2,747	2,830	2,499	2,188
ARMM	7,672	7,509	7,514	7,407	7,403
Area (Ha)					
PHILIPPINES	**92,186**	**91,592**	**91,148**	**91,181**	**90,320**
CAR	6,576	6,362	6,055	5,770	5,645
Ilocos Region	67	64	78	78	77
Cagayan Valley	1,884	1,886	1,886	1,889	1,889
Central Luzon	1,534	1,539	1,569	1,569	1,569
CALABARZON	11,610	11,381	11,347	11,267	11,303
MIMAROPA	560	563	563	562	564
Bicol Region	573	583	583	563	563
Western Visayas	7,983	7,971	8,001	7,984	7,882
Central Visayas	712	855	703	852	1,016
Eastern Visayas	97	97	102	92	85
Zamboanga Peninsula	625	625	617	593	587
Northern Mindanao	11,757	11,729	11,710	11,708	10,255
Davao Region	20,417	20,160	20,128	20,124	19,578
SOCCSKSARGEN	13,995	14,127	14,182	14,505	15,669
Caraga	4,120	3,850	3,850	3,850	3,863
ARMM	9,677	9,800	9,774	9,775	9,776
Yield Per Hectare (mt)					
PHILIPPINES	**0.81**	**0.77**	**0.77**	**0.76**	**0.75**
CAR	0.84	0.85	0.84	0.84	0.85
Ilocos Region	0.63	0.66	0.60	0.63	0.65
Cagayan Valley	0.35	0.36	0.37	0.37	0.35
Central Luzon	0.97	1.00	1.03	1.06	1.09
CALABARZON	0.74	0.67	0.70	0.70	0.68
MIMAROPA	0.17	0.19	0.19	0.20	0.21
Bicol Region	0.48	0.44	0.44	0.45	0.45
Western Visayas	0.61	0.59	0.58	0.60	0.58
Central Visayas	0.40	0.31	0.35	0.24	0.18
Eastern Visayas	0.57	0.54	1.05	1.01	1.02
Zamboanga Peninsula	0.83	0.84	0.88	0.93	0.92
Northern Mindanao	0.47	0.47	0.46	0.45	0.51
Davao Region	1.07	0.92	0.91	0.89	0.88
SOCCSKSARGEN	1.02	1.03	1.04	1.04	0.98
Caraga	0.67	0.71	0.74	0.65	0.57
ARMM	0.79	0.77	0.77	0.76	0.76

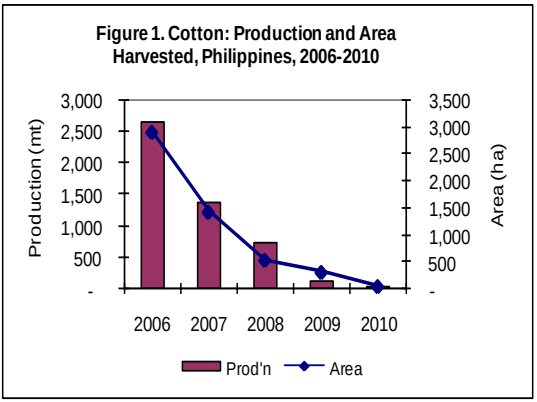
Table 4.5.4a COFFEE ROBUSTA: NUMBER OF BEARING TREES, PLANTING DENSITY AND YIELD PER BEARING TREE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
BEARING TREES (no.)					
PHILIPPINES	**67,428,907**	**64,685,812**	**64,350,923**	**64,018,201**	**63,488,968**
CAR	4,180,850	4,077,505	3,919,702	3,815,602	3,785,021
Ilocos Region	33,325	32,596	38,546	39,408	38,769
Cagayan Valley	1,214,960	1,216,368	1,216,235	1,216,935	1,216,235
Central Luzon	1,021,950	1,101,100	1,058,200	1,062,957	1,080,094
CALABARZON	11,959,380	9,413,530	9,362,830	9,351,196	9,633,740
MIMAROPA	191,041	191,085	194,487	203,005	203,190
Bicol Region	410,097	403,036	403,096	392,007	392,107
Western Visayas	5,057,898	5,035,890	5,032,588	5,023,987	4,965,506
Central Visayas	602,228	643,387	637,387	646,509	647,008
Eastern Visayas	58,396	58,218	61,567	58,491	52,915
Zamboanga Peninsula	376,342	371,335	370,235	368,634	379,434
Northern Mindanao	6,113,499	6,091,886	6,082,840	6,094,110	5,257,407
Davao Region	17,089,503	16,858,489	16,839,267	16,831,597	16,827,599
SOCCSKSARGEN	11,022,927	11,200,751	11,197,326	10,976,411	11,074,291
Caraga	2,558,625	2,391,650	2,391,700	2,391,700	2,389,500
ARMM	5,537,886	5,598,986	5,544,917	5,545,652	5,546,152
PLANTING DENSITY (Btrees/ha)					
PHILIPPINES	**731**	**706**	**706**	**702**	**703**
CAR	636	641	647	661	671
Ilocos Region	501	509	492	506	505
Cagayan Valley	645	645	645	644	644
Central Luzon	666	715	674	677	688
CALABARZON	1,030	827	825	830	852
MIMAROPA	341	339	346	361	360
Bicol Region	716	691	691	696	696
Western Visayas	634	632	629	629	630
Central Visayas	846	752	907	759	637
Eastern Visayas	602	600	604	636	622
Zamboanga Peninsula	602	594	600	622	646
Northern Mindanao	520	519	519	521	513
Davao Region	837	836	837	836	860
SOCCSKSARGEN	788	793	790	757	707
Caraga	621	621	621	621	619
ARMM	572	571	567	567	567
YIELD PER BEARING TREE (kg)					
PHILIPPINES	**1.10**	**1.08**	**1.09**	**1.08**	**1.07**
CAR	1.32	1.33	1.30	1.27	1.26
Ilocos Region	1.26	1.30	1.23	1.25	1.29
Cagayan Valley	0.54	0.55	0.57	0.57	0.55
Central Luzon	1.46	1.40	1.53	1.56	1.59
CALABARZON	0.72	0.81	0.85	0.85	0.80
MIMAROPA	0.51	0.55	0.56	0.54	0.57
Bicol Region	0.67	0.64	0.64	0.65	0.65
Western Visayas	0.96	0.94	0.92	0.95	0.92
Central Visayas	0.47	0.41	0.39	0.32	0.28
Eastern Visayas	0.95	0.90	1.73	1.59	1.65
Zamboanga Peninsula	1.38	1.41	1.46	1.50	1.43
Northern Mindanao	0.90	0.90	0.89	0.86	0.99
Davao Region	1.28	1.10	1.09	1.06	1.02
SOCCSKSARGEN	1.30	1.30	1.31	1.37	1.38
Caraga	1.07	1.15	1.18	1.04	0.92
ARMM	1.39	1.34	1.36	1.34	1.33

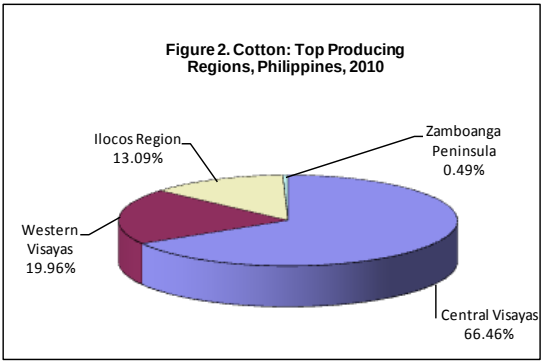
HIGHLIGHTS

COTTON

Cotton production in 2010 was at 0.03 thousand mt which was the lowest level since 2006. It was 72.85 percent lower than the 0.13 thousand mt in 2009 (Figure 1). The decline in output was attributed to the frequent rains that adversely affected the production areas in Negros Oriental and in the provinces of Western Visayas.



The top two (2) producing regions in 2010 were Central Visayas and Western Visayas with shares of 66.46 percent and 19.96 percent, respectively, in the national production (Figure 2). The largest harvested area was reported in Central Visayas at 36 hectares. Western Visayas reported 8.0 hectares.



Over the period 2006 to 2010, production and area harvested of cotton were highest in 2006 at 2.64 thousand mt and 2.91 thousand hectares. From 2006 to 2010 production and area had dropped significantly (Figure 1).

Table 4.6 COTTON: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

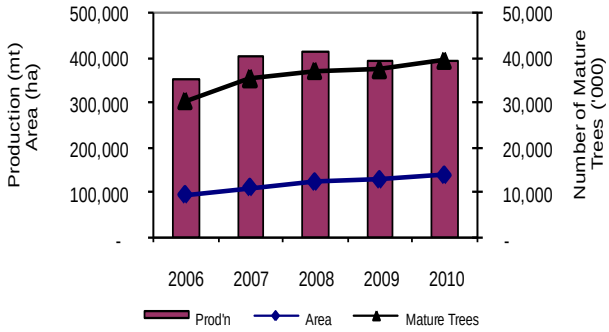
Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**2,640**	**1,360**	**738**	**127**	**35**
CAR					
Ilocos Region	71	9	6	3	5
Cagayan Valley					
Central Luzon	2	2	2		
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas	52	12	7	7	7
Central Visayas	111	92	72	55	23
Eastern Visayas					
Zamboanga Peninsula	28	21	17	7	0.17
Northern Mindanao					
Davao Region		23			
SOCCSKSARGEN	2,248	1,152	588	56	
Caraga					
ARMM	128	50	45		
Area (Ha)					
PHILIPPINES	**2,906**	**1,426**	**538**	**310**	**48**
CAR					
Ilocos Region	107	6	4	3	4
Cagayan Valley					
Central Luzon	2	2	2		
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas	59	15	24	14	8
Central Visayas	190	180	172	172	36
Eastern Visayas					
Zamboanga Peninsula	31	17	2	2	0.10
Northern Mindanao					
Davao Region	52	63			
SOCCSKSARGEN	2,185	1,045	239	119	
Caraga					
ARMM	280	98	94		
Yield Per Hectare (mt)					
PHILIPPINES	**0.91**	**0.95**	**1.37**	**0.41**	**0.73**
CAR					
Ilocos Region	0.67	1.36	1.36	1.06	1.29
Cagayan Valley					
Central Luzon	1.10	1.10	1.10		
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas	0.88	0.81	0.31	0.47	0.86
Central Visayas	0.58	0.51	0.42	0.32	0.64
Eastern Visayas					
Zamboanga Peninsula	0.91	1.22	8.72	3.58	1.70
Northern Mindanao					
Davao Region		0.37			
SOCCSKSARGEN	1.03	1.10	2.46	0.47	
Caraga					
ARMM	0.46	0.51	0.48		

HIGHLIGHTS

RUBBER

Rubber production went up from 351.56 thousand mt in 2006 to 395.24 thousand mt in 2010 or by average yearly rate of 2.97 percent (Figure 1). The high demand and prices in the 2nd half of 2010 induced more tappings in the top producing provinces of North Cotabato and Zamboanga Sibugay. The 2010 output was also 1.09 percent higher than the 390.96 thousand mt production in 2009. The low production in 2009 was attributed to low price. From 2006 to 2010, area planted increased by 10.11 percent and number of mature trees grew by 6.92 percent.

Figure 1. Rubber: Production, Area and Number of Mature Trees, Philippines, 2006-2010



In 2010, the combined output of the top two (2) producing regions of Zamboanga Peninsula and SOCCSKSARGEN was 81.24 percent of the national rubber production (Figure 2). Their combined area and number of mature trees accounted for 69.94 percent and 81.36 percent of the national totals, respectively.

Figure 1. Rubber: Top Producing Regions, Philippines, 2010

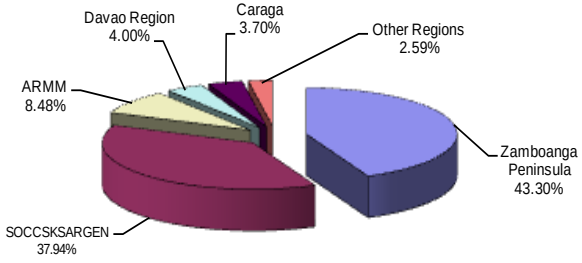


Table 4.7 RUBBER: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**351,556**	**404,072**	**411,044**	**390,962**	**395,237**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	261	4	13	15	12
MIMAROPA	15	15	16	20	24
Bicol Region					
Western Visayas					
Central Visayas					
Eastern Visayas					
Zamboanga Peninsula	152,357	175,054	173,715	164,830	171,126
Northern Mindanao	10,156	10,183	10,079	10,169	10,199
Davao Region	16,036	16,376	16,181	15,844	15,795
SOCCSKSARGEN	129,995	157,134	164,005	152,963	149,965
Caraga	14,757	15,420	15,540	14,686	14,619
ARMM	27,979	29,884	31,494	32,435	33,497
Area (Ha)					
PHILIPPINES	**94,347**	**110,972**	**123,260**	**128,337**	**138,710**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	227	227	227	227	227
MIMAROPA	45	50	50	400	616
Bicol Region					
Western Visayas					
Central Visayas	14	14	14	495	1,005
Eastern Visayas					
Zamboanga Peninsula	41,548	42,133	54,250	57,127	65,084
Northern Mindanao	4,425	4,535	4,567	4,567	4,567
Davao Region	6,220	6,196	6,267	6,411	6,409
SOCCSKSARGEN	28,129	31,078	31,195	31,235	31,927
Caraga	5,434	5,546	5,546	5,941	6,840
ARMM	8,305	21,193	21,144	21,934	22,034
Yield Per Hectare (mt)					
PHILIPPINES	**3.73**	**3.64**	**3.33**	**3.05**	**2.85**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	1.15	0.02	0.06	0.06	0.05
MIMAROPA	0.33	0.31	0.32	0.05	0.04
Bicol Region					
Western Visayas					
Central Visayas					-
Eastern Visayas					
Zamboanga Peninsula	3.67	4.15	3.20	2.89	2.63
Northern Mindanao	2.30	2.25	2.21	2.23	2.23
Davao Region	2.58	2.64	2.58	2.47	2.46
SOCCSKSARGEN	4.62	5.06	5.26	4.90	4.70
Caraga	2.72	2.78	2.80	2.47	2.14
ARMM	3.37	1.41	1.49	1.48	1.52

Table 4.7a RUBBER: NUMBER OF MATURE TREES, PLANTING DENSITY AND YIELD PER MATURE TREE, BY REGION, PHILIPPINES, 2006-2010

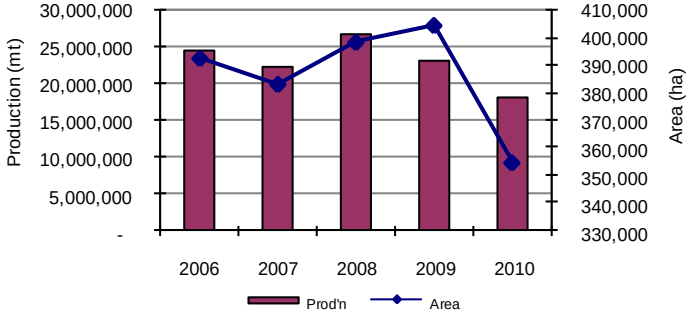
Region	2006	2007	2008	2009	2010
MATURE TREES (no.)					
PHILIPPINES	**30,123,884**	**35,030,731**	**37,030,656**	**37,212,359**	**39,369,228**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	52,200	50,650	50,650	51,580	51,380
MIMAROPA	31,500	31,500	32,500	33,100	35,300
Bicol Region					
Western Visayas					
Central Visayas					
Eastern Visayas					
Zamboanga Peninsula	12,506,176	16,070,604	17,129,782	17,180,770	18,667,792
Northern Mindanao	411,326	411,326	763,833	765,053	765,350
Davao Region	1,305,752	1,284,946	1,298,001	1,295,976	1,296,138
SOCCSKSARGEN	11,221,284	12,432,240	12,791,310	12,812,705	13,362,677
Caraga	2,468,415	2,466,415	2,466,225	2,466,525	2,487,175
ARMM	2,127,231	2,283,050	2,498,355	2,606,650	2,703,416
MATURE TREES/Ha					
PHILIPPINES	**319**	**316**	**300**	**290**	**284**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	230	223	224	227	226
MIMAROPA	700	630	650	83	57
Bicol Region					
Western Visayas					
Central Visayas					
Eastern Visayas					
Zamboanga Peninsula	301	381	316	301	287
Northern Mindanao	93	91	167	168	168
Davao Region	210	207	207	202	202
SOCCSKSARGEN	399	400	410	410	419
Caraga	454	445	445	415	364
ARMM	256	108	118	119	123
YIELD PER MATURE TREE (kg)					
PHILIPPINES	**11.67**	**11.53**	**11.10**	**10.51**	**10.04**
CAR					
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON	4.99	0.08	0.26	0.29	0.24
MIMAROPA	0.47	0.49	0.49	0.60	0.69
Bicol Region					
Western Visayas					
Central Visayas					
Eastern Visayas					
Zamboanga Peninsula	12.18	10.89	10.14	9.59	9.17
Northern Mindanao	24.69	24.76	13.20	13.29	13.33
Davao Region	12.28	12.74	12.47	12.23	12.19
SOCCSKSARGEN	11.58	12.64	12.82	11.94	11.22
Caraga	5.98	6.25	6.30	5.95	5.88
ARMM	13.15	13.09	12.61	12.44	12.39

HIGHLIGHTS

SUGARCANE

Sugarcane production registered a negative annual growth of 7.36 percent from 2006 to 2010 (Figure 1). In 2010, production was 17.93 million mt which was lower by 21.82 percent compared to the 2009 output of 22.93 million mt. The decrease was traced to the effect of dry spell during the planting stage which affected the 2010 harvests.

Figure 1. Sugarcane: Production and Area, Philippines, 2006-2010



In 2010, Western Visayas was the largest producer sharing 9.78 million mt or 54.54 percent of the total sugarcane production (Figure 2). Also, the region had the largest area harvested of 170.26 thousand hectares which was 47.98 percent of the country's sugarcane area (Table 4.8).

Figure 2. Sugarcane: Top Producing Regions, Philippines, 2010

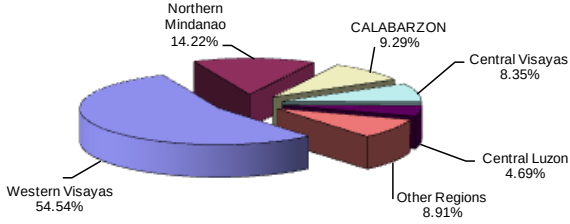


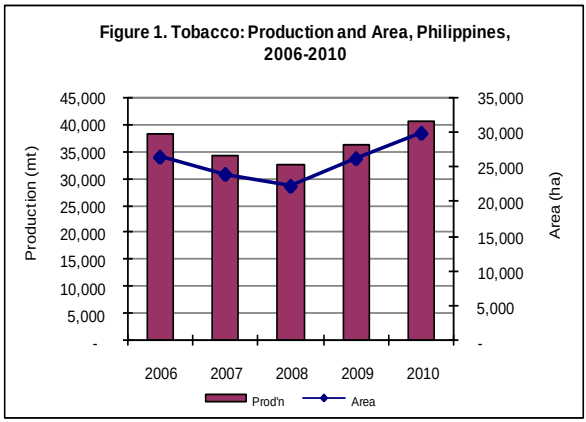
Table 4.8 SUGARCANE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**24,345,106**	**22,235,297**	**26,601,384**	**22,932,819**	**17,929,269**
CAR	9,498	9,564	9,842	10,215	6,992
Ilocos Region	18,784	19,001	19,022	20,041	19,614
Cagayan Valley	246,278	260,558	263,371	202,232	181,546
Central Luzon	1,065,434	899,692	1,321,301	1,034,084	840,863
CALABARZON	2,046,536	2,197,814	2,457,833	1,791,746	1,665,807
MIMAROPA					
Bicol Region	298,460	246,222	319,989	246,343	224,001
Western Visayas	13,416,415	11,494,675	13,770,505	12,469,613	9,778,749
Central Visayas	2,544,100	2,895,476	2,905,399	2,035,675	1,497,817
Eastern Visayas	533,863	400,743	553,088	406,876	352,949
Zamboanga Peninsula	576	487	421	405	368
Northern Mindanao	3,100,493	2,559,587	3,421,408	3,493,130	2,549,197
Davao Region	501,087	616,195	574,492	524,686	256,802
SOCCSKSARGEN	537,014	576,349	926,417	653,062	505,692
Caraga	14	12	9	7	3
ARMM	26,555	58,922	58,285	44,704	48,871
Area (Ha)					
PHILIPPINES	**392,280**	**382,956**	**397,991**	**404,034**	**354,878**
CAR	149	151	153	171	171
Ilocos Region	438	437	432	455	454
Cagayan Valley	7,042	7,489	7,496	6,361	5,796
Central Luzon	16,970	16,361	19,352	17,597	17,816
CALABARZON	31,035	30,941	33,716	33,911	29,136
MIMAROPA					
Bicol Region	6,640	6,640	6,880	6,042	5,523
Western Visayas	196,408	192,352	192,580	194,398	170,262
Central Visayas	41,067	41,283	46,283	46,817	41,884
Eastern Visayas	9,539	8,408	8,437	8,532	8,412
Zamboanga Peninsula	137	125	119	115	98
Northern Mindanao	59,384	53,230	57,170	64,028	55,297
Davao Region	12,477	13,616	10,097	11,197	7,332
SOCCSKSARGEN	10,450	10,755	14,325	13,508	11,726
Caraga	3	3	3	3	3
ARMM	539	1,164	949	899	968
Yield Per Hectare (mt)					
PHILIPPINES	**62.06**	**58.06**	**66.84**	**56.76**	**50.52**
CAR	63.74	63.34	64.33	59.74	40.89
Ilocos Region	42.93	43.45	44.03	44.07	43.25
Cagayan Valley	34.97	34.79	35.14	31.79	31.32
Central Luzon	62.78	54.99	68.28	58.76	47.20
CALABARZON	65.94	71.03	72.90	52.84	57.17
MIMAROPA					
Bicol Region	44.95	37.08	46.51	40.77	40.56
Western Visayas	68.31	59.76	71.51	64.14	57.43
Central Visayas	61.95	70.14	62.77	43.48	35.76
Eastern Visayas	55.96	47.66	65.55	47.69	41.96
Zamboanga Peninsula	4.20	3.91	3.55	3.53	3.75
Northern Mindanao	52.21	48.09	59.85	54.56	46.10
Davao Region	40.16	45.25	56.90	46.86	35.02
SOCCSKSARGEN	51.39	53.59	64.67	48.35	43.12
Caraga	3.97	3.47	2.69	2.27	1.10
ARMM	49.25	50.62	61.42	49.72	50.49

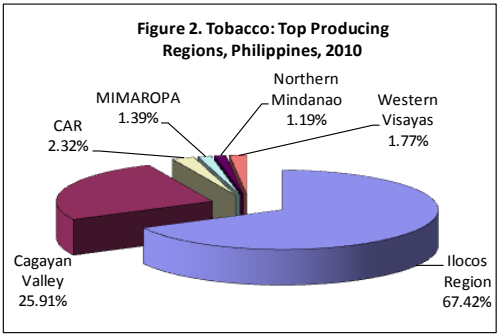
HIGHLIGHTS

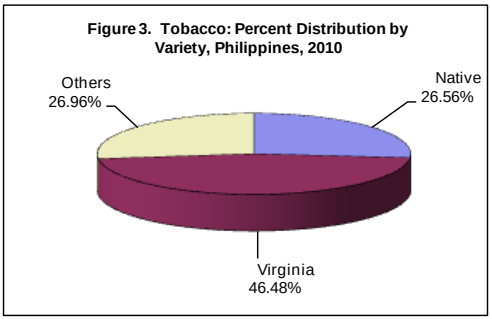
TOBACCO

Tobacco production went up by an annual average rate of 1.38 percent. From 38.37 thousand mt in 2006, it increased to 40.53 thousand mt in 2010 (Figure 1). The increase was the result of crop shifting from corn and garlic due to assurance of market in the major producing provinces of Ilocos Region and the availability of technical and financial assistance from the National Tobacco Administration and the Universal Leaf Philippines Inc. in Cagayan Valley.



In 2010, Ilocos Region remained as the top tobacco producer and contributed 67.42 percent to the national production (Figure 2).





Virginia tobacco, the most preferred tobacco variety, accounted for 45.48 percent to the national output. Native variety shared 26.56 percent (Figure 3).

Table 4.9 TOBACCO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**38,368**	**34,289**	**32,466**	**36,383**	**40,530**
CAR	840	925	912	929	941
Ilocos Region	30,154	25,028	23,590	24,341	27,325
Cagayan Valley	3,855	7,048	6,328	9,239	10,502
Central Luzon	163	142	25	202	195
CALABARZON					
MIMAROPA	2,317	200	553	578	563
Bicol Region	10	11	9	7	3
Western Visayas	253	278	279	310	323
Central Visayas	61	23	19	18	16
Eastern Visayas	27	26	23	22	20
Zamboanga Peninsula	19	23	21	22	21
Northern Mindanao	442	375	528	560	481
Davao Region	25	25	24	23	22
SOCCSKSARGEN	70	70	60	57	54
Caraga	19	14	9	6	4
ARMM	113	100	85	70	61
Area (Ha)					
PHILIPPINES	**26,323**	**23,863**	**22,182**	**26,104**	**29,707**
CAR	2,047	2,048	2,021	2,018	2,018
Ilocos Region	18,756	15,619	14,596	17,064	20,021
Cagayan Valley	2,689	4,874	4,389	5,758	6,595
Central Luzon	200	200	35	100	100
CALABARZON					
MIMAROPA	1,123	168	254	268	265
Bicol Region	15	16	12	7	4
Western Visayas	166	178	172	185	184
Central Visayas	135	131	56	35	26
Eastern Visayas	53	52	50	48	29
Zamboanga Peninsula	39	41	34	33	30
Northern Mindanao	940	400	450	480	350
Davao Region	17	17	17	16	17
SOCCSKSARGEN	50	50	40	40	40
Caraga	19	20	10	7	6
ARMM	75	50	46	44	22
Yield Per Hectare (mt)					
PHILIPPINES	**1.46**	**1.44**	**1.46**	**1.39**	**1.36**
CAR	0.41	0.45	0.45	0.46	0.47
Ilocos Region	1.61	1.60	1.62	1.43	1.36
Cagayan Valley	1.43	1.45	1.44	1.60	1.59
Central Luzon	0.81	0.71	0.72	2.02	1.95
CALABARZON					
MIMAROPA	2.06	1.19	2.18	2.15	2.12
Bicol Region	0.68	0.67	0.75	0.97	0.69
Western Visayas	1.53	1.56	1.62	1.68	1.76
Central Visayas	0.45	0.18	0.34	0.52	0.61
Eastern Visayas	0.50	0.50	0.46	0.46	0.70
Zamboanga Peninsula	0.49	0.57	0.63	0.66	0.71
Northern Mindanao	0.47	0.94	1.17	1.17	1.38
Davao Region	1.46	1.50	1.42	1.46	1.27
SOCCSKSARGEN	1.41	1.41	1.51	1.41	1.34
Caraga	1.03	0.70	0.93	0.84	0.74
ARMM	1.51	1.99	1.85	1.58	2.77

Table 4.9.1 TOBACCO NATIVE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**6,715**	**8,158**	**10,047**	**10,416**	**10,765**
CAR	6	6	6	6	5
Ilocos Region	3,492	3,082	5,294	4,164	4,164
Cagayan Valley	2,173	4,118	3,688	5,150	5,590
Central Luzon					
CALABARZON					
MIMAROPA	9	8	3	3	3
Bicol Region	10	11	9	7	3
Western Visayas	253	278	279	310	323
Central Visayas	58	21	18	17	14
Eastern Visayas	27	26	23	22	20
Zamboanga Peninsula	19	23	21	22	21
Northern Mindanao	442	375	528	560	481
Davao Region	25	25	24	23	22
SOCCSKSARGEN	70	70	60	57	54
Caraga	19	14	9	6	4
ARMM	113	100	85	70	61
Area (Ha)					
PHILIPPINES	**5,429**	**5,980**	**6,969**	**6,684**	**7,143**
CAR	8	9	9	7	7
Ilocos Region	2,411	2,020	3,320	2,600	2,507
Cagayan Valley	1,496	2,991	2,750	3,180	3,918
Central Luzon					-
CALABARZON					-
MIMAROPA	9	8	4	3	3
Bicol Region	15	16	12	7	4
Western Visayas	166	178	172	185	184
Central Visayas	131	129	55	34	25
Eastern Visayas	53	52	50	48	29
Zamboanga Peninsula	39	41	34	33	30
Northern Mindanao	940	400	450	480	350
Davao Region	17	17	17	16	17
SOCCSKSARGEN	50	50	40	40	40
Caraga	19	20	10	7	6
ARMM	75	50	46	44	22
Yield Per Hectare (mt)					
PHILIPPINES	**1.24**	**1.36**	**1.44**	**1.56**	**1.51**
CAR	0.72	0.64	0.63	0.79	0.71
Ilocos Region	1.45	1.53	1.59	1.60	1.66
Cagayan Valley	1.45	1.38	1.34	1.62	1.43
Central Luzon					
CALABARZON					
MIMAROPA	0.96	1.00	0.86	0.87	0.84
Bicol Region	0.68	0.67	0.75	0.97	0.69
Western Visayas	1.53	1.56	1.62	1.68	1.76
Central Visayas	0.44	0.17	0.32	0.50	0.57
Eastern Visayas	0.50	0.50	0.46	0.46	0.70
Zamboanga Peninsula	0.49	0.57	0.63	0.66	0.71
Northern Mindanao	0.47	0.94	1.17	1.17	1.38
Davao Region	1.46	1.50	1.42	1.46	1.27
SOCCSKSARGEN	1.41	1.41	1.51	1.41	1.34
Caraga	1.03	0.70	0.93	0.84	0.74
ARMM	1.51	1.99	1.85	1.58	2.77

Table 4.9.2 TOBACCO VIRGINIA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**19,407**	**19,737**	**15,125**	**16,578**	**18,839**
CAR	833	919	905	922	935
Ilocos Region	18,570	18,816	14,218	15,655	17,903
Cagayan Valley					
Central Luzon					
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas					
Central Visayas	3	2	2	1	2
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao					
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					
Area (Ha)					
PHILIPPINES	**14,508**	**14,206**	**11,457**	**14,502**	**17,392**
CAR	2,038	2,038	2,011	2,010	2,010
Ilocos Region	12,467	12,166	9,445	12,491	15,381
Cagayan Valley					
Central Luzon					
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas					
Central Visayas	3	2	1	1	1
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao					
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**1.34**	**1.39**	**1.32**	**1.14**	**1.08**
CAR	0.41	0.45	0.45	0.46	0.47
Ilocos Region	1.49	1.55	1.51	1.25	1.16
Cagayan Valley					
Central Luzon					
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas					
Central Visayas	1.05	1.00	1.69	1.42	2.51
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao					
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					

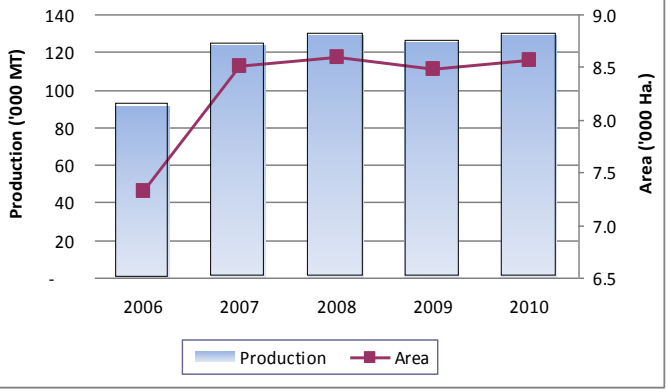
D. VEGETABLES, ROOT CROPS and TUBERS

HIGHLIGHTS

CABBAGE

Cabbage production in 2010 was estimated at128.96 thousand mt or 3.41 percent higher than the 2009 output of 124.71 thousand mt. In Benguet, Mt. Province & Cebu, weather conditions proved to be favorable for cabbage production. Area harvested also increased by 1 percent from 8.48 thousand hectares in 2009 to 8.56 thousand hectares in 2010(Figure 1) due to crop shifting from Chinese pechay in MT. Province, white potato in Davao Sur and onion leeks in Davao City during the second half of 2010.

Figure 1. Cabbage: Production and Area, Philippines, 2006-2010



The Cordillera Administrative Region (CAR) was consistently the top producer of cabbage followed by the Central Visayas and Northern Mindanao (Figure 2)

Figure 2. Cabbage: Top Producing Regions, Philippines, 2010

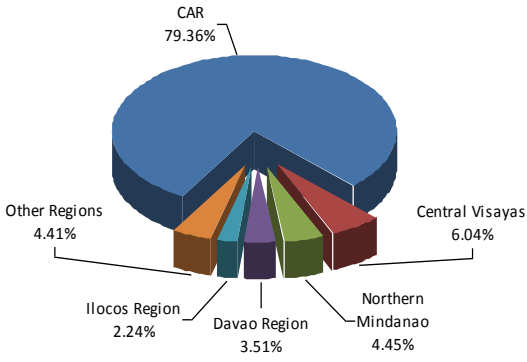


Table 5.1 CABBAGE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

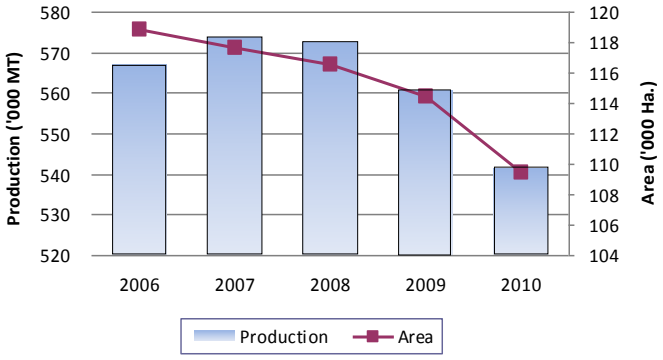
Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**91,243**	**123,443**	**128,865**	**124,712**	**128,964**
CAR	68,887	99,957	102,894	99,155	102,344
Ilocos Region	2,718	2,752	2,790	2,539	2,887
Cagayan Valley	1,053	1,440	1,436	1,390	1,360
Central Luzon		5			
CALABARZON	810	1,102	1,037	866	863
MIMAROPA	16	15	26	26	28
Bicol Region	410	333	332	301	283
Western Visayas	510	548	538	476	477
Central Visayas	5,846	6,251	6,524	6,828	7,786
Eastern Visayas	160	159	194	196	188
Zamboanga Peninsula	301	297	298	311	314
Northern Mindanao	3,052	3,567	5,581	5,995	5,736
Davao Region	5,100	4,661	4,850	4,468	4,522
SOCCSKSARGEN	1,397	1,437	1,498	1,483	1,545
Caraga	219	211	199	135	77
ARMM	764	709	671	544	556
Area (Ha)					
PHILIPPINES	**7,323**	**8,502**	**8,596**	**8,483**	**8,561**
CAR	4,368	5,520	5,536	5,435	5,436
Ilocos Region	382	371	367	342	367
Cagayan Valley	152	176	175	175	195
Central Luzon		2			
CALABARZON	110	131	123	127	130
MIMAROPA	7	6	11	12	17
Bicol Region	55	45	43	39	32
Western Visayas	66	71	70	65	67
Central Visayas	691	704	698	723	749
Eastern Visayas	27	27	33	35	34
Zamboanga Peninsula	95	93	100	109	109
Northern Mindanao	392	415	490	511	490
Davao Region	675	625	635	611	616
SOCCSKSARGEN	186	199	205	202	223
Caraga	38	38	35	21	18
ARMM	79	79	77	77	79
Yield Per Hectare (mt)					
PHILIPPINES	**12.46**	**14.52**	**14.99**	**14.70**	**15.06**
CAR	15.77	18.11	18.59	18.24	18.83
Ilocos Region	7.12	7.42	7.61	7.42	7.87
Cagayan Valley	6.93	8.18	8.20	7.97	6.97
Central Luzon		2.50			
CALABARZON	7.36	8.41	8.46	6.82	6.64
MIMAROPA	2.24	2.49	2.32	2.15	1.63
Bicol Region	7.45	7.48	7.71	7.71	8.97
Western Visayas	7.73	7.72	7.68	7.33	7.11
Central Visayas	8.46	8.88	9.34	9.44	10.40
Eastern Visayas	6.01	5.83	5.89	5.55	5.55
Zamboanga Peninsula	3.17	3.19	2.98	2.86	2.88
Northern Mindanao	7.78	8.60	11.40	11.72	11.71
Davao Region	7.56	7.46	7.64	7.31	7.34
SOCCSKSARGEN	7.50	7.21	7.31	7.35	6.94
Caraga	5.77	5.55	5.72	6.56	4.25
ARMM	9.67	8.97	8.71	7.06	7.04

HIGHLIGHTS

SWEET POTATO

Sweet potato production slid by 3.43 percent or to 541.3 thousand mt in 2010 from its 2009 level of 560.5 thousand mt.. Area harvested also dropped by 4.32 percent from 114.4 thousand hectares in 2009 to 109.4 in 2010 (Figure 1). The prolonged dry spell in the first three (3) quarters of the year affected the tuber formation resulting in lower yields in Nueva Vizcaya, Quirino, Camarines Sur, Negros Oriental, Iloilo, Southern Leyte, Agusan and Surigao provinces. In the fourth quarter, root development was hampered by frequent rains in Camarines Sur and typhoon Juan in Tarlac.

Figure 1. Sweet Potato Production and Area, Philippines, 2006-2010



Eastern Visayas was the top producer in 2010 with 118.0 thousand mt or 21.81 percent of the national production (Figure 2). The second largest producer was Bicol Region with an output of 94.7 thousand mt, followed by CARAGA with 48.5 thousand mt (Table 5.4). Their respective shares in the national sweet potato output were 17.50 percent and 8.96 percent (Figure 2a).

Figure 2. Sweet Potato: Top Producing Regions, Philippines, 2010

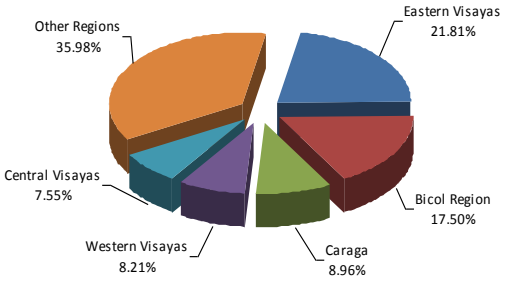


Table 5.2 CAMOTE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

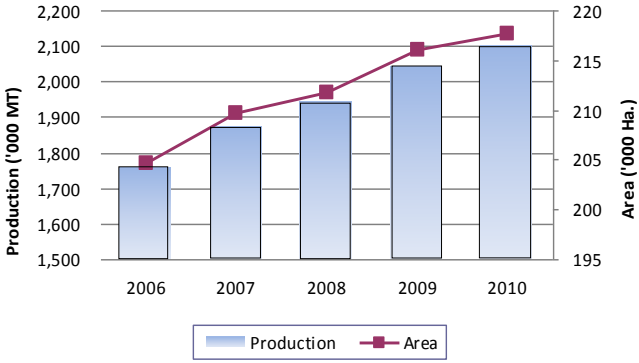
Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**566,773**	**573,734**	**572,655**	**560,516**	**541,265**
CAR	17,301	17,279	17,353	17,187	16,520
Ilocos Region	16,261	16,365	15,320	15,169	15,516
Cagayan Valley	17,037	16,575	15,886	13,574	11,068
Central Luzon	30,997	31,558	31,555	31,685	31,544
CALABARZON	40,133	40,169	37,190	33,684	32,312
MIMAROPA	12,219	12,121	12,553	12,662	12,851
Bicol Region	87,184	91,761	95,767	95,861	94,701
Western Visayas	47,162	46,298	44,600	46,447	44,455
Central Visayas	53,529	47,908	47,557	47,022	40,847
Eastern Visayas	116,858	119,601	118,067	118,185	118,040
Zamboanga Peninsula	10,837	10,782	10,205	9,854	8,774
Northern Mindanao	26,998	27,491	28,551	29,437	29,725
Davao Region	19,397	19,435	19,620	19,814	19,901
SOCCSKSARGEN	9,124	9,599	9,735	10,155	10,457
Caraga	55,573	60,719	62,383	53,656	48,475
ARMM	6,164	6,074	6,313	6,126	6,081
Area (Ha)					
PHILIPPINES	**118,829**	**117,584**	**116,465**	**114,380**	**109,438**
CAR	3,175	3,159	3,165	3,167	3,033
Ilocos Region	3,244	3,195	2,982	2,996	3,060
Cagayan Valley	2,685	2,395	2,305	2,127	1,843
Central Luzon	7,936	7,972	7,961	8,003	6,793
CALABARZON	4,571	4,567	4,019	4,000	3,865
MIMAROPA	2,505	2,475	2,491	2,501	2,482
Bicol Region	19,689	19,904	19,908	19,892	19,603
Western Visayas	6,903	6,775	6,575	6,750	6,648
Central Visayas	15,103	13,812	13,467	12,501	11,548
Eastern Visayas	25,998	26,054	26,095	26,126	25,491
Zamboanga Peninsula	3,138	3,095	3,121	3,106	3,076
Northern Mindanao	2,653	2,577	2,599	2,587	2,602
Davao Region	4,152	4,097	4,131	4,174	4,155
SOCCSKSARGEN	1,514	1,551	1,538	1,558	1,574
Caraga	13,048	13,428	13,568	12,323	11,099
ARMM	2,516	2,528	2,540	2,570	2,566
Yield Per Hectare (mt)					
PHILIPPINES	**4.77**	**4.88**	**4.92**	**4.90**	**4.95**
CAR	5.45	5.47	5.48	5.43	5.45
Ilocos Region	5.01	5.12	5.14	5.06	5.07
Cagayan Valley	6.35	6.92	6.89	6.38	6.00
Central Luzon	3.91	3.96	3.96	3.96	4.64
CALABARZON	8.78	8.80	9.25	8.42	8.36
MIMAROPA	4.88	4.90	5.04	5.06	5.18
Bicol Region	4.43	4.61	4.81	4.82	4.83
Western Visayas	6.83	6.83	6.78	6.88	6.69
Central Visayas	3.54	3.47	3.53	3.76	3.54
Eastern Visayas	4.49	4.59	4.52	4.52	4.63
Zamboanga Peninsula	3.45	3.48	3.27	3.17	2.85
Northern Mindanao	10.18	10.67	10.99	11.38	11.42
Davao Region	4.67	4.74	4.75	4.75	4.79
SOCCSKSARGEN	6.03	6.19	6.33	6.52	6.64
Caraga	4.26	4.52	4.60	4.35	4.37
ARMM	2.45	2.40	2.49	2.38	2.37

HIGHLIGHTS

CASSAVA

Cassava production recorded a 2.82 percent increase from 2.04 million mt in 2009 to 2.10 million mt in 2010 (Figure 1). The sustained expansion in the contract growing scheme of San Miguel Corporation (SMC) enhanced production in Bukidnon, Bohol, Negros Oriental and Misamis Oriental. In addition, the prevailing weather conditions favored more harvesting and chips drying in major cassava producing provinces. In Lanao del Norte, the continuing financial support of Dimaporo's Agricultural Enterprises boosted production in the province. Average yield had continuously increased from 8.59 mt per hectare in 2006 to 9.66 mt per hectare in 2010 with an average annual growth of 2.98 percent.

Figure 1. Cassava: Production and Area, Philippines, 2006-2010



ARMM remained as the top producer of cassava in 2010 with production of 1.01 million mt (Table 5.3). The region accounted for 48 percent of the country's total production in 2010 (Figure 2). Northern Mindanao ranked as the second largest producer with share of 22 percent followed by Central Visayas with 6 percent share.

Figure 2. Cassava: Top Producing Regions, Philippines, 2010

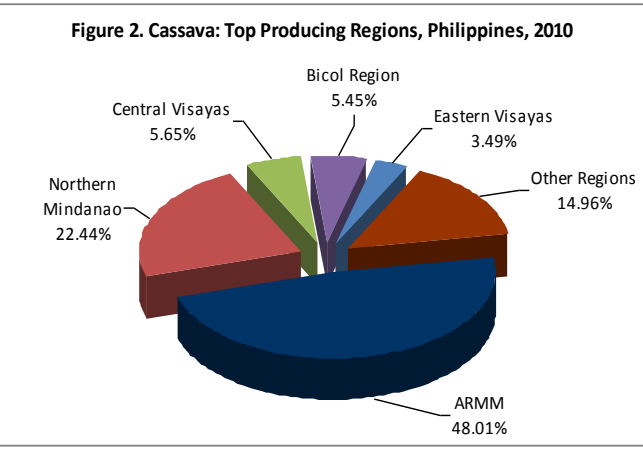


Table 5.3 CASSAVA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

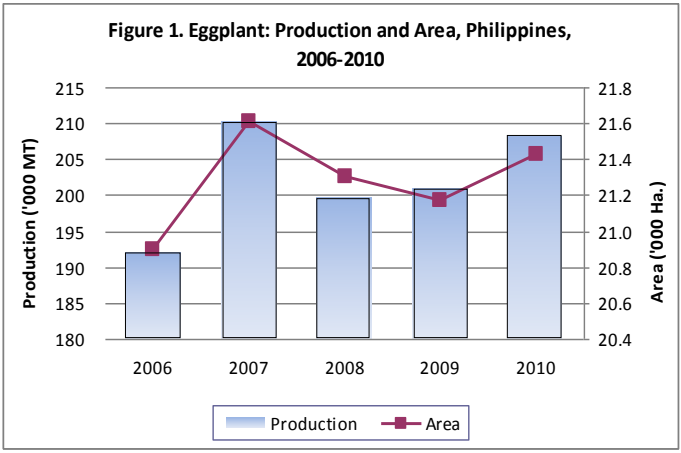
Region	2006	2007	2008	2009		2010
Production (mt)						
PHILIPPINES	**1,756,856**	**1,871,138**	**1,941,575**	**2,043,719**		**2,101,454**
CAR	1,896	1,749	1,865	1,839		1,813
Ilocos Region	16,357	16,809	16,766	17,493		17,933
Cagayan Valley	31,156	30,475	30,864	38,545		41,291
Central Luzon	9,235	9,187	9,199	9,294		9,449
CALABARZON	65,754	63,969	60,141	54,787		50,368
MIMAROPA	8,911	9,413	10,618	11,531		12,207
Bicol Region	109,822	108,706	112,900	115,112		114,625
Western Visayas	57,104	61,559	59,710	60,966		60,116
Central Visayas	69,566	79,742	83,539	106,079		118,668
Eastern Visayas	71,159	72,867	72,792	73,194		73,392
Zamboanga Peninsula	27,567	29,038	30,598	30,416		30,746
Northern Mindanao	228,270	310,517	348,971	417,943		471,511
Davao Region	17,117	15,707	15,550	14,990		14,788
SOCCSKSARGEN	29,094	32,725	31,857	31,314		34,556
Caraga	48,362	50,801	52,662	47,886		41,124
ARMM	965,487	977,874	1,003,542	1,012,330		1,008,867
Area (Ha)						
PHILIPPINES	**204,578**	**209,633**	**211,657**	**215,933**		**217,622**
CAR	400	294	307	312		317
Ilocos Region	2,302	2,330	2,305	2,308		2,312
Cagayan Valley	2,583	2,494	2,559	3,090		3,336
Central Luzon	1,175	1,169	1,175	1,188	R/	1,207
CALABARZON	8,960	8,775	8,243	8,150		7,894
MIMAROPA	2,222	2,248	2,330	2,378		2,346
Bicol Region	23,142	22,896	22,901	22,895		22,830
Western Visayas	6,460	6,765	6,597	6,665		6,682
Central Visayas	10,594	11,334	11,641	13,701		15,131
Eastern Visayas	23,194	23,207	23,243	23,390		22,714
Zamboanga Peninsula	6,431	6,609	7,228	7,098		7,052
Northern Mindanao	12,013	15,351	16,326	18,933		20,938
Davao Region	2,427	2,296	2,264	2,219		2,174
SOCCSKSARGEN	1,916	1,933	1,905	1,884		1,984
Caraga	8,361	8,518	8,562	7,631		6,678
ARMM	92,399	93,415	94,071	94,091	R/	94,029
Yield Per Hectare (mt)						
PHILIPPINES	**8.59**	**8.93**	**9.17**	**9.46**		**9.66**
CAR	4.74	5.95	6.07	5.90		5.73
Ilocos Region	7.11	7.22	7.27	7.58		7.76
Cagayan Valley	12.06	12.22	12.06	12.47		12.38
Central Luzon	7.86	7.86	7.84	7.82	R/	7.83
CALABARZON	7.34	7.29	7.30	6.72		6.38
MIMAROPA	4.01	4.19	4.56	4.85		5.20
Bicol Region	4.75	4.75	4.93	5.03		5.02
Western Visayas	8.84	9.10	9.05	9.15		9.00
Central Visayas	6.57	7.04	7.18	7.74		7.84
Eastern Visayas	3.07	3.14	3.13	3.13		3.23
Zamboanga Peninsula	4.29	4.39	4.23	4.29		4.36
Northern Mindanao	19.00	20.23	21.38	22.07		22.52
Davao Region	7.05	6.84	6.87	6.76		6.80
SOCCSKSARGEN	15.18	16.93	16.72	16.62		17.42
Caraga	5.78	5.96	6.15	6.27		6.16
ARMM	10.45	10.47	10.67	10.76		10.73

R/ - Revised as of June 29, 2011

HIGHLIGHTS

EGGPLANT

In 2010, eggplant production was 208.2 thousand mt or 3.63 percent more than the 2009 output of 200.9 thousand mt (Figure 1). The early control of fruit borer and sustained use of high yielding varieties like Black Corral, Siamley, Long Purple and Dumaguete were reported in Ilocos Provinces. Area harvested increased due to favorable weather conditions during the third quarter in Batangas. Yield continuously increased from 9.18 mt per hectare in 2006 to 9.72 mt per hectare in 2010.



Ilocos Region remained the top producer of eggplant in 2010 with an output of 73.7 thousand mt. This accounted for 35.37 percent of total production in the country (Figure 2). CALABARZON trailed second with an output of 37.6 thousand mt or 18.04 percent share in the national output. Central Luzon followed with 19.22 thousand mt. This was 9.23 percent of the country's production of eggplant.

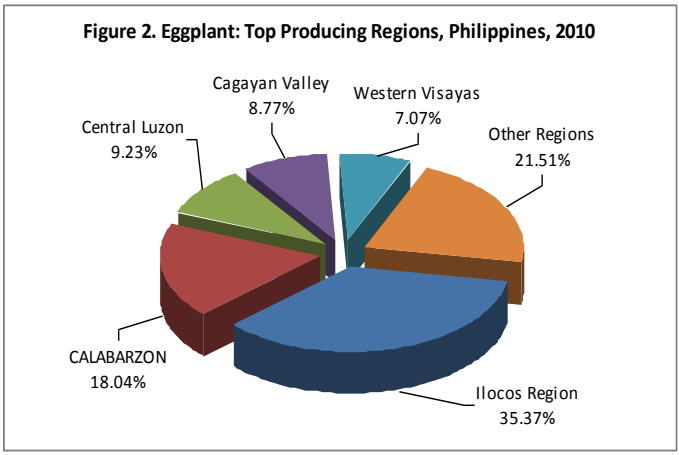


Table 5.4 EGGPLANT: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

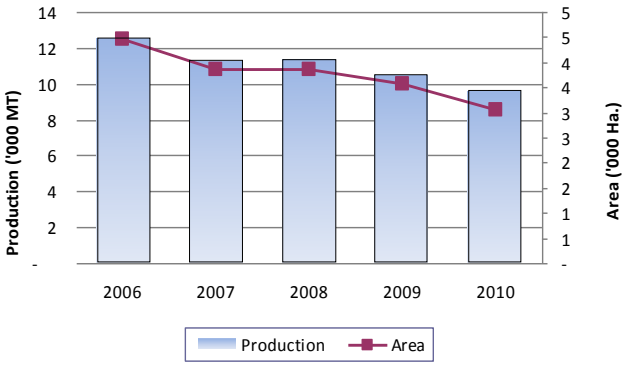
Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**191,911**	**210,156**	**199,579**	**200,942**	**208,242**
CAR	767	776	789	791	796
Ilocos Region	77,813	87,053	73,100	70,098	73,659
Cagayan Valley	15,190	18,626	19,335	19,894	18,264
Central Luzon	18,037	19,176	19,107	19,355	19,225
CALABARZON	28,716	30,423	32,213	33,396	37,573
MIMAROPA	2,262	2,213	2,354	2,346	2,458
Bicol Region	5,572	7,028	7,102	6,834	7,159
Western Visayas	13,038	14,385	13,486	14,289	14,730
Central Visayas	5,926	5,430	6,842	8,105	8,463
Eastern Visayas	2,159	2,252	2,219	2,224	2,236
Zamboanga Peninsula	1,768	1,745	1,752	1,781	1,811
Northern Mindanao	3,158	3,259	3,608	3,697	3,794
Davao Region	6,878	6,585	6,425	6,506	6,646
SOCCSKSARGEN	6,529	6,804	6,624	7,032	6,897
Caraga	3,499	3,793	4,006	3,996	3,922
ARMM	598	609	616	598	610
Area (Ha)					
PHILIPPINES	**20,901**	**21,613**	**21,299**	**21,170**	**21,423**
CAR	137	138	135	134	134
Ilocos Region	5,222	5,366	4,908	4,725	4,815
Cagayan Valley	1,904	1,939	1,960	1,917	1,743
Central Luzon	2,830	2,890	2,894	2,898	2,908
CALABARZON	1,607	1,731	1,762	1,712	1,775
MIMAROPA	915	897	919	926	956
Bicol Region	1,134	1,353	1,362	1,359	1,383
Western Visayas	1,404	1,459	1,384	1,428	1,469
Central Visayas	1,750	1,713	1,750	1,807	1,918
Eastern Visayas	332	338	339	340	343
Zamboanga Peninsula	529	527	532	530	594
Northern Mindanao	708	722	755	773	775
Davao Region	1,132	1,177	1,193	1,211	1,219
SOCCSKSARGEN	558	570	613	621	624
Caraga	530	574	579	571	544
ARMM	210	218	215	218	225
Yield Per Hectare (mt)					
PHILIPPINES	**9.18**	**9.72**	**9.37**	**9.49**	**9.72**
CAR	5.61	5.62	5.85	5.90	5.95
Ilocos Region	14.90	16.22	14.89	14.84	15.30
Cagayan Valley	7.98	9.61	9.86	10.38	10.48
Central Luzon	6.37	6.64	6.60	6.68	6.61
CALABARZON	17.87	17.58	18.28	19.51	21.17
MIMAROPA	2.47	2.47	2.56	2.53	2.57
Bicol Region	4.91	5.19	5.21	5.03	5.18
Western Visayas	9.29	9.86	9.74	10.01	10.03
Central Visayas	3.39	3.17	3.91	4.49	4.41
Eastern Visayas	6.50	6.65	6.55	6.54	6.51
Zamboanga Peninsula	3.34	3.31	3.29	3.36	3.05
Northern Mindanao	4.46	4.51	4.78	4.78	4.90
Davao Region	6.08	5.59	5.39	5.37	5.45
SOCCSKSARGEN	11.71	11.94	10.81	11.33	11.06
Caraga	6.60	6.61	6.92	6.99	7.21
ARMM	2.85	2.79	2.86	2.75	2.71

HIGHLIGHTS

GARLIC

Garlic production from 2006 to 2010 decreased continuously by an annual average rate of 6.54 percent (Figure 1). The continued downtrend in production was due to long dry spell in the first half of the year that resulted in lower yield and poor bulb formation in Ifugao, Pangasinan and Nueva Vizcaya. Low germination of planting materials was also reported in Quezon while shifting to more profitable cash crops was noted in Batangas.

Figure 1. Garlic: Production and Area, Philippines, 2006-2010



Ilocos Region was the leading garlic producer in 2010. It had 68.39 percent share in the country's total production (Figure 2). MIMAROPA came next with 22.24 percent share in total garlic production.

Figure 2. Garlic: Top Producing Regions, Philippines, 2010

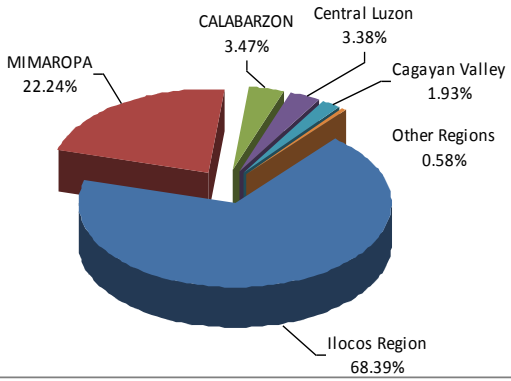


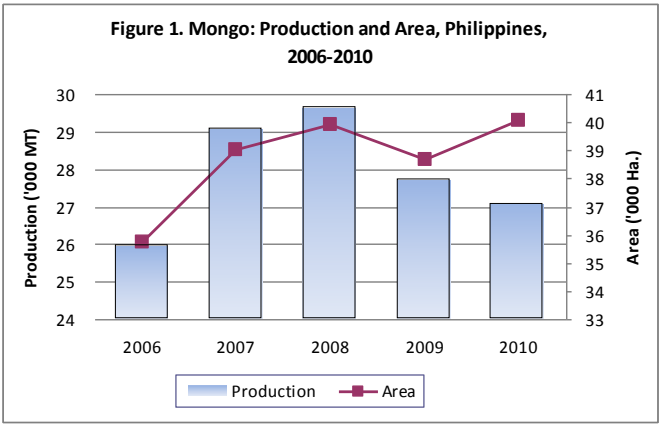
Table 5.5 GARLIC: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**12,581**	**11,285**	**11,348**	**10,451**	**9,563**
CAR	20	20	17	16	14
Ilocos Region	9,378	8,267	8,235	7,478	6,540
Cagayan Valley	153	220	218	214	185
Central Luzon	304	313	325	329	324
CALABARZON	617	465	439	380	332
MIMAROPA	2,001	1,912	2,049	1,988	2,127
Bicol Region	3	3	3	2	2
Western Visayas	98	81	60	40	35
Central Visayas	4				
Eastern Visayas	4	4	4	4	4
Zamboanga Peninsula					
Northern Mindanao					
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					
Area (Ha)					
PHILIPPINES	**4,448**	**3,863**	**3,849**	**3,552**	**3,039**
CAR	19	18	14	13	12
Ilocos Region	3,585	3,017	3,016	2,741	2,251
Cagayan Valley	64	74	64	57	51
Central Luzon	130	140	142	144	141
CALABARZON	117	93	86	86	83
MIMAROPA	506	499	512	498	489
Bicol Region	1	1	1	1	1
Western Visayas	21	18	14	10	9
Central Visayas	3	1			
Eastern Visayas	2	2	2	2	2
Zamboanga Peninsula					
Northern Mindanao					
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**2.83**	**2.92**	**2.95**	**2.94**	**3.15**
CAR	1.05	1.14	1.25	1.22	1.16
Ilocos Region	2.62	2.74	2.73	2.73	2.91
Cagayan Valley	2.39	2.98	3.40	3.76	3.63
Central Luzon	2.34	2.24	2.29	2.29	2.29
CALABARZON	5.28	5.00	5.13	4.41	4.00
MIMAROPA	3.95	3.83	4.00	3.99	4.35
Bicol Region	2.80	2.66	2.58	2.19	1.97
Western Visayas	4.65	4.50	4.25	4.00	3.91
Central Visayas	1.48				
Eastern Visayas	1.99	2.00	2.00	2.08	2.08
Zamboanga Peninsula					
Northern Mindanao					
Davao Region					
SOCCSKSARGEN					
Caraga					
ARMM					

HIGHLIGHTS

MONGO

From 2006 to 2008, mongo production increased by an average growth rate of 6.94 percent. It slid to 27.70 thousand mt in 2009 and further down to 27.06 thousand mt in 2010. Yield dropped due to dry spell during the first quarter of 2010 in Antique and Isabela. In Pangasinan and La Union, typhoon Juan damaged mongo farms during the vegetative stage in the fourth quarter. Also, frequent rainfall during the flowering stage contributed to the decline in production in Cebu and North Cotabato. Area harvested also fluctuated (Figure 1). Yield declined continuously from 2007 to 2010.



In 2010, Ilocos Region remained the largest producer with 41.20 thousand mt or 11.15 percent of the country's total mongo production. Cagayan Valley ranked as second largest producer with an output of 3.95 thousand mt or 14.60 percent of the total production. Western Visayas came in third with 2.81 thousand mt or 10.37 percent share. ARMM produced 2.77 thousand mt which accounted for 10.23 percent of the total mongo production (Figure 2).

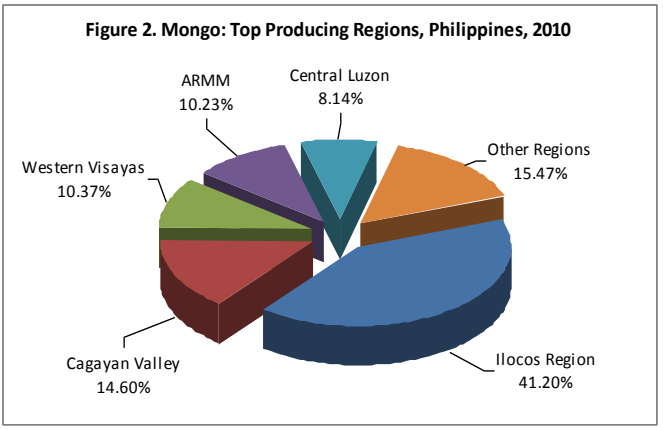


Table 5.6 MONGO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

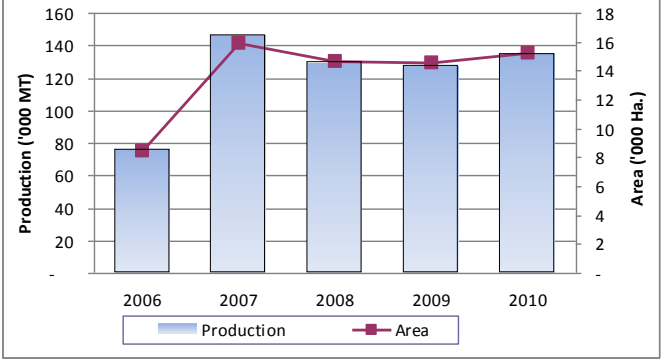
Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**25,952**	**29,067**	**29,617**	**27,694**	**27,055**
CAR	126	143	142	139	131
Ilocos Region	11,592	11,767	11,342	11,293	11,146
Cagayan Valley	1,574	3,399	4,957	3,692	3,950
Central Luzon	2,134	2,224	2,275	2,299	2,201
CALABARZON	211	192	171	157	132
MIMAROPA	515	528	560	591	597
Bicol Region	134	164	164	159	157
Western Visayas	3,071	4,463	3,727	3,335	2,807
Central Visayas	720	644	739	691	673
Eastern Visayas	271	272	273	280	274
Zamboanga Peninsula	250	226	249	238	210
Northern Mindanao	343	349	347	372	377
Davao Region	1,093	1,055	1,032	1,033	993
SOCCSKSARGEN	584	535	511	520	494
Caraga	152	122	123	93	146
ARMM	3,183	2,985	3,005	2,801	2,767
Area (Ha)					
PHILIPPINES	**35,732**	**39,011**	**39,923**	**38,658**	**40,080**
CAR	150	175	172	172	168
Ilocos Region	11,124	11,030	10,628	10,610	10,489
Cagayan Valley	4,583	6,340	8,493	7,674	9,687
Central Luzon	3,012	3,091	3,080	3,088	3,057
CALABARZON	264	243	210	192	182
MIMAROPA	805	805	821	828	836
Bicol Region	237	267	262	258	254
Western Visayas	4,905	6,847	6,064	5,772	5,345
Central Visayas	1,934	1,758	1,916	1,844	1,853
Eastern Visayas	435	435	435	441	436
Zamboanga Peninsula	374	339	373	366	331
Northern Mindanao	491	493	491	502	511
Davao Region	1,549	1,540	1,536	1,520	1,507
SOCCSKSARGEN	752	676	634	647	638
Caraga	265	209	208	143	185
ARMM	4,852	4,765	4,602	4,600	4,602
Yield Per Hectare (mt)					
PHILIPPINES	**0.73**	**0.75**	**0.74**	**0.72**	**0.68**
CAR	0.84	0.82	0.83	0.81	0.78
Ilocos Region	1.04	1.07	1.07	1.06	1.06
Cagayan Valley	0.34	0.54	0.58	0.48	0.41
Central Luzon	0.71	0.72	0.74	0.74	0.72
CALABARZON	0.80	0.79	0.81	0.82	0.73
MIMAROPA	0.64	0.66	0.68	0.71	0.71
Bicol Region	0.56	0.61	0.63	0.62	0.62
Western Visayas	0.63	0.65	0.61	0.58	0.53
Central Visayas	0.37	0.37	0.39	0.37	0.36
Eastern Visayas	0.62	0.62	0.63	0.63	0.63
Zamboanga Peninsula	0.67	0.67	0.67	0.65	0.63
Northern Mindanao	0.70	0.71	0.71	0.74	0.74
Davao Region	0.71	0.69	0.67	0.68	0.66
SOCCSKSARGEN	0.78	0.79	0.81	0.80	0.77
Caraga	0.57	0.58	0.59	0.65	0.79
ARMM	0.66	0.63	0.65	0.61	0.60

HIGHLIGHTS

ONION

Onion production in 2010 was reported at135.38 thousand mt. This indicated a recovery from the preceding two-year production cutback of 6.55 percent in 2008 and 2009 (Figure 1). Area harvested increased in Nueva Ecija due to favorable weather conditions. Lesser army worms infestations and bulb and root rots were cited in the Ilocos Region. Yield also increased from 8.75 to 8.92 mt per hectare from 2009 to 2010 (Table 5.7).

Figure 1. Onion: Production and Area, Philippines, 2006-2010



Central Luzon, Ilocos Region, and MIMAROPA remained as the country's top three onion producers in 2010 (Figure 2).

Figure 2. Onion: Top Producing Regions, Philippines, 2010

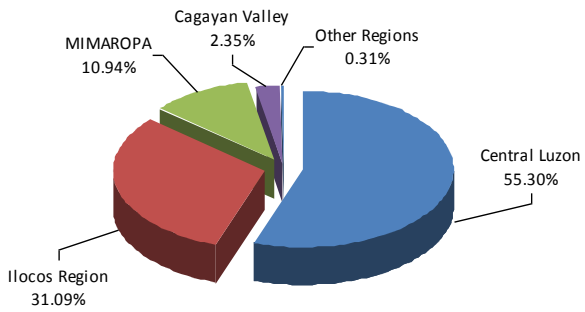


Table 5.7 ONION: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**75,978**	**146,108**	**128,923**	**127,055**	**135,377**
CAR					
Ilocos Region	44,053	46,198	42,988	39,780	42,091
Cagayan Valley	965	4,826	2,046	2,059	3,183
Central Luzon	30,021	77,868	70,302	72,719	74,868
CALABARZON	230	200	200	206	221
MIMAROPA	448	16,598	13,129	12,080	14,817
Bicol Region					
Western Visayas	184	367	217	176	164
Central Visayas	12				1
Eastern Visayas					
Zamboanga Peninsula	16	16	16	16	14
Northern Mindanao					
Davao Region					
SOCCSKSARGEN	49	36	25	19	19
Caraga					
ARMM					
Area (Ha)					
PHILIPPINES	**8,442**	**15,879**	**14,579**	**14,526**	**15,169**
CAR					
Ilocos Region	4,840	4,930	4,837	4,618	4,689
Cagayan Valley	180	524	369	334	383
Central Luzon	3,169	8,294	7,667	7,973	8,195
CALABARZON	39	33	35	35	38
MIMAROPA	150	2,002	1,602	1,502	1,806
Bicol Region					
Western Visayas	33	73	48	44	42
Central Visayas	2				0.04
Eastern Visayas					
Zamboanga Peninsula	17	17	18	18	12
Northern Mindanao					
Davao Region					
SOCCSKSARGEN	12	6	3	3	4
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**9.00**	**9.20**	**8.84**	**8.75**	**8.92**
CAR					
Ilocos Region	9.10	9.37	8.89	8.61	8.98
Cagayan Valley	5.36	9.21	5.54	6.16	8.32
Central Luzon	9.47	9.39	9.17	9.12	9.14
CALABARZON	5.93	6.05	5.79	5.89	5.81
MIMAROPA	2.98	8.29	8.20	8.04	8.21
Bicol Region					
Western Visayas	5.53	5.03	4.52	4.00	3.90
Central Visayas	5.88				18.25
Eastern Visayas					
Zamboanga Peninsula	0.94	0.96	0.90	0.89	1.14
Northern Mindanao					
Davao Region					
SOCCSKSARGEN	4.10	5.63	7.86	6.80	4.60
Caraga					
ARMM					

HIGHLIGHTS

PEANUT

Peanut production fluctuated from 2006 to 2010. From 30.98 thousand mt in 2009, production slid to 29.62 thousand mt or 4.37 percent lower in 2010. Likewise, area harvested decreased to 27.12 thousand hectares in 2010 from 28.24 thousand hectares in 2009 (Figure 1). Reductions in yield and area harvested were observed in Antique, Iloilo and Nueva Ecija. Crop shifting to eggplant in Nueva Vizcaya and to corn in Cebu, army worms infestation in Cavite and lack of planting materials in Quezon were also behind the decrease in peanut production.

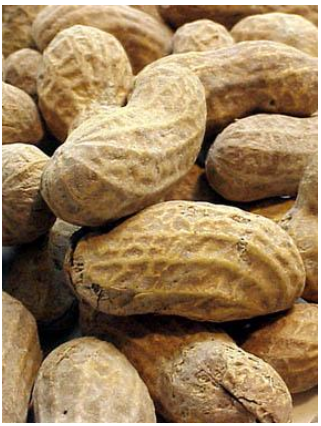


Figure 1. Peanut: Production and Area, Philippines, 2006-2010

Forty one (41) percent of the peanut produced in the country was from the Ilocos Region (Figure 2). The other top producing regions were Cagayan Valley (3.4 thousand mt), Northern Mindanao (3.1 thousand mt), Western Visayas (2.1 thousand mt) and Central Luzon (1.7 thousand mt) (Table 5.8).

Figure 2. Peanut: Top Producing Regions, Philippines, 2010

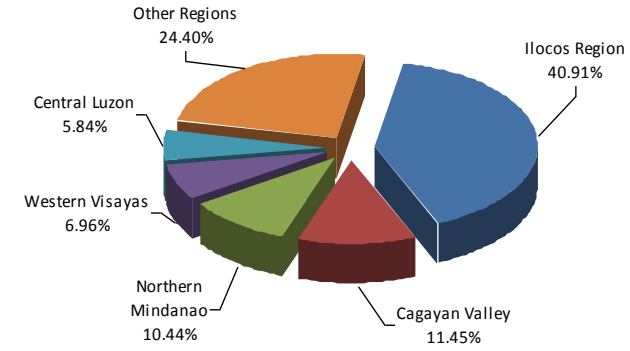


Table 5.8 PEANUT: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

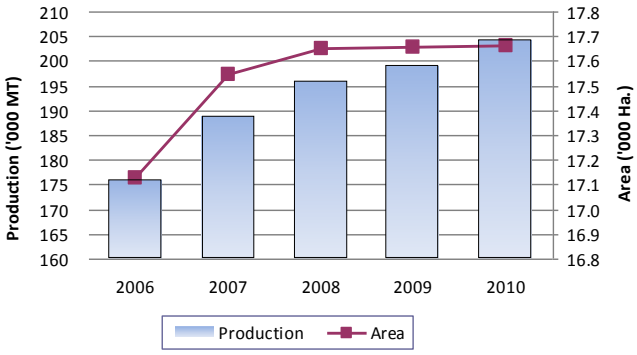
Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**29,151**	**31,205**	**30,247**	**30,978**	**29,624**
CAR	163	137	131	124	122
Ilocos Region	12,330	13,054	11,808	11,834	12,120
Cagayan Valley	3,579	4,072	4,056	4,432	3,393
Central Luzon	1,900	1,882	1,857	1,769	1,731
CALABARZON	704	756	751	738	635
MIMAROPA	921	927	1,132	1,202	1,215
Bicol Region	917	956	948	945	956
Western Visayas	1,599	2,110	2,290	2,324	2,061
Central Visayas	1,369	1,286	1,225	1,335	1,147
Eastern Visayas	509	521	551	569	563
Zamboanga Peninsula	536	537	544	551	515
Northern Mindanao	2,412	2,946	2,886	3,047	3,091
Davao Region	665	669	679	688	654
SOCCSKSARGEN	636	554	605	687	644
Caraga	270	164	150	112	162
ARMM	643	635	636	619	613
Area (Ha)					
PHILIPPINES	**27,642**	**28,316**	**27,726**	**28,235**	**27,123**
CAR	282	258	254	253	254
Ilocos Region	8,126	8,395	7,641	7,660	7,808
Cagayan Valley	3,295	3,396	3,351	3,690	3,159
Central Luzon	1,429	1,444	1,419	1,419	1,403
CALABARZON	1,101	970	980	982	849
MIMAROPA	1,167	1,157	1,176	1,183	1,173
Bicol Region	1,345	1,382	1,379	1,374	1,367
Western Visayas	2,667	3,262	3,390	3,474	3,314
Central Visayas	1,729	1,697	1,699	1,757	1,553
Eastern Visayas	867	869	868	874	869
Zamboanga Peninsula	1,009	985	1,047	1,061	940
Northern Mindanao	1,967	2,010	1,985	2,048	2,047
Davao Region	787	795	802	818	733
SOCCSKSARGEN	500	452	504	543	525
Caraga	359	237	233	105	138
ARMM	1,012	1,008	999	994	991
Yield Per Hectare (mt)					
PHILIPPINES	**1.05**	**1.10**	**1.09**	**1.10**	**1.09**
CAR	0.58	0.53	0.51	0.49	0.48
Ilocos Region	1.52	1.55	1.55	1.54	1.55
Cagayan Valley	1.09	1.20	1.21	1.20	1.07
Central Luzon	1.33	1.30	1.31	1.25	1.23
CALABARZON	0.64	0.78	0.77	0.75	0.75
MIMAROPA	0.79	0.80	0.96	1.02	1.04
Bicol Region	0.68	0.69	0.69	0.69	0.70
Western Visayas	0.60	0.65	0.68	0.67	0.62
Central Visayas	0.79	0.76	0.72	0.76	0.74
Eastern Visayas	0.59	0.60	0.63	0.65	0.65
Zamboanga Peninsula	0.53	0.54	0.52	0.52	0.55
Northern Mindanao	1.23	1.47	1.45	1.49	1.51
Davao Region	0.84	0.84	0.85	0.84	0.89
SOCCSKSARGEN	1.27	1.23	1.20	1.26	1.23
Caraga	0.75	0.69	0.65	1.07	1.18
ARMM	0.63	0.63	0.64	0.62	0.62

HIGHLIGHTS

TOMATO

Tomato production continued to increase; from 188.8 thousand mt in 2006 it went up to 204.3 thousand mt in 2010 and registered an average annual growth rate of 3.87 percent (Figure 1). Likewise, area harvested increased from 17.1 thousand hectares in 2006 to 17.7 thousand hectares in 2010. Average yield recorded an annual growth rate of 3.08 percent. From 10.26 mt per hectare in 2006 it grow to 11.57 mt per hectare in 2010 (Table 5.9).

Figure 1. Tomato: Production and Area, Philippines, 2006-2010



Ilocos was the consistent top producer with 69.62 thousand mt of production in 2010 or 34 percent of the country's total tomato production (Figure 2). The other top producing regions and their shares to total production were Northern Mindanao (25 percent), Central Luzon (10 percent), and CALABARZON (9 percent).

Figure 2. Tomato: Top Producing Regions, Philippines, 2010

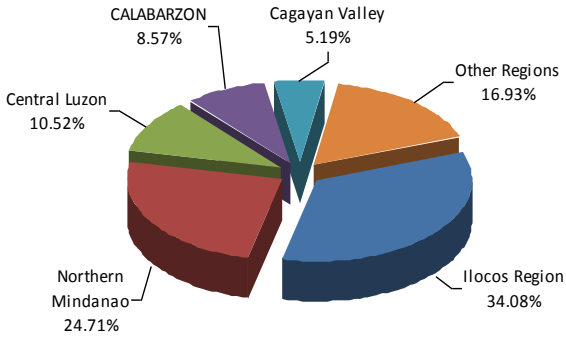


Table 5.9 TOMATO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

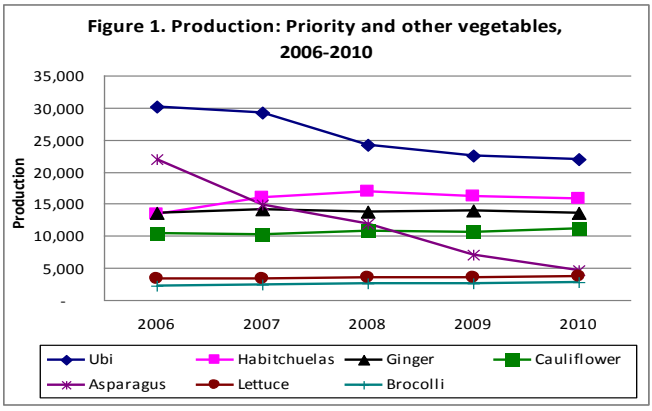
Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**175,596**	**188,761**	**195,810**	**198,948**	**204,272**
CAR	3,587	4,043	3,974	3,810	3,904
Ilocos Region	54,253	60,827	61,747	65,605	69,616
Cagayan Valley	12,515	13,508	12,356	11,525	10,605
Central Luzon	18,237	21,333	20,816	21,091	21,492
CALABARZON	15,832	15,917	16,145	14,390	17,496
MIMAROPA	933	978	1,013	1,081	1,132
Bicol Region	3,068	3,656	3,506	3,543	3,562
Western Visayas	10,514	10,669	9,710	9,595	9,551
Central Visayas	3,925	3,457	3,367	3,625	3,833
Eastern Visayas	732	754	747	742	722
Zamboanga Peninsula	1,743	1,751	1,795	1,796	1,763
Northern Mindanao	40,262	41,698	50,451	52,056	50,485
Davao Region	4,347	4,378	4,393	4,273	4,338
SOCCSKSARGEN	4,916	5,039	5,019	5,105	5,053
Caraga	308	327	341	303	314
ARMM	424	425	430	409	405
Area (Ha)					
PHILIPPINES	**17,128**	**17,544**	**17,646**	**17,656**	**17,663**
CAR	376	388	379	366	357
Ilocos Region	3,775	3,866	3,793	3,775	3,773
Cagayan Valley	895	916	901	877	893
Central Luzon	3,311	3,523	3,342	3,371	3,379
CALABARZON	1,283	1,327	1,340	1,325	1,354
MIMAROPA	216	222	231	243	266
Bicol Region	556	599	578	577	581
Western Visayas	832	857	816	821	823
Central Visayas	1,501	1,346	1,364	1,347	1,400
Eastern Visayas	102	104	105	108	105
Zamboanga Peninsula	494	483	501	506	511
Northern Mindanao	2,301	2,386	2,763	2,807	2,697
Davao Region	618	641	649	652	653
SOCCSKSARGEN	666	676	677	679	664
Caraga	72	78	78	75	75
ARMM	131	133	128	128	131
Yield Per Hectare (mt)					
PHILIPPINES	**10.25**	**10.76**	**11.10**	**11.27**	**11.57**
CAR	9.55	10.42	10.49	10.41	10.94
Ilocos Region	14.37	15.73	16.28	17.38	18.45
Cagayan Valley	13.98	14.75	13.71	13.15	11.87
Central Luzon	5.51	6.06	6.23	6.26	6.36
CALABARZON	12.34	11.99	12.05	10.86	12.92
MIMAROPA	4.33	4.41	4.38	4.45	4.26
Bicol Region	5.52	6.11	6.07	6.14	6.13
Western Visayas	12.64	12.45	11.91	11.69	11.61
Central Visayas	2.62	2.57	2.47	2.69	2.74
Eastern Visayas	7.17	7.27	7.11	6.89	6.85
Zamboanga Peninsula	3.53	3.63	3.58	3.55	3.45
Northern Mindanao	17.50	17.48	18.26	18.55	18.72
Davao Region	7.03	6.83	6.77	6.55	6.64
SOCCSKSARGEN	7.38	7.45	7.41	7.52	7.61
Caraga	4.31	4.19	4.37	4.06	4.21
ARMM	3.23	3.20	3.35	3.19	3.09

HIGHLIGHTS

PRIORITY and OTHER VEGETABLES

Other types of vegetables showed different trends in production (Figures 1 and 2). Chinese pechay production increased from 37 thousand mt in 2006 to 52 thousand mt in 2010. Other vegetables that showed similar trend with that of Chinese pechay were broccoli, carrots, cauliflower, lettuce, okra and white potato. The increases were attributed to favorable weather condition, improved planting and pests control technologies and increasing demand and government interventions.

On the other hand, asparagus, gourd, and ubi production continuously decreased from 2006 to 2010, while gabi and ginger production increased in 2007 but continuously dropped from 2008 to 2010. Similarly, habitchuelas and native pechay production increased from 2006 to 2008 but took a downturn in 2009 to 2010. This year's drop in production was due to damages from weather disturbances that hit most of the vegetable producing regions.



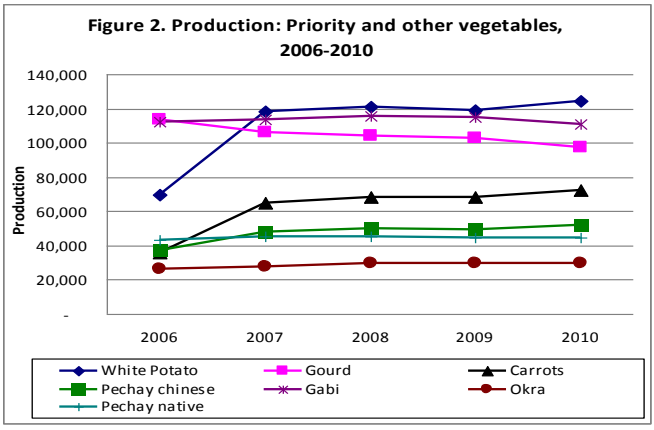


Table 5.10 ASPARAGUS: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**21,938**	**14,845**	**11,891**	**7,121**	**4,637**
CAR	3	2	1		
Ilocos Region					
Cagayan Valley					
Central Luzon	1			0.48	1
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas	1	2	2	2	2
Central Visayas	1	2	5	4	4
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	651	584	18	15	8
Davao Region					
SOCCSKSARGEN	21,280	14,256	11,865	7,100	4,623
Caraga					
ARMM					
Area (Ha)					
PHILIPPINES	**1,524**	**970**	**706**	**536**	**368**
CAR	1	1	1		
Ilocos Region					
Cagayan Valley					
Central Luzon	0.40			1.50	2
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas	0.25	0.30	0.25	0.27	0.26
Central Visayas	2	3	5	5	4
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	210	211	5	5	4
Davao Region					
SOCCSKSARGEN	1,310	755	695	525	358
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**14.40**	**15.30**	**16.85**	**13.28**	**12.58**
CAR	3.28	1.65	1.70		
Ilocos Region					
Cagayan Valley					
Central Luzon	1.50			0.32	0.54
CALABARZON					
MIMAROPA					
Bicol Region					
Western Visayas	5.40	5.77	6.52	5.85	6.15
Central Visayas	0.59	0.53	0.99	0.90	0.86
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	3.10	2.77	3.60	3.06	1.88
Davao Region					
SOCCSKSARGEN	16.24	18.88	17.07	13.52	12.91
Caraga					
ARMM					

Table 5.11 BROCOLLI: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**2,265**	**2,370**	**2,603**	**2,685**	**2,699**
CAR	1,712	1,786	1,852	1,858	1,847
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON		3	4	8	4
MIMAROPA					
Bicol Region					
Western Visayas	2	3	3	3	3
Central Visayas	32	31	96	126	161
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	518	546	640	680	675
Davao Region			6	8	8
SOCCSKSARGEN		2	2	2	1
Caraga					
ARMM					
Area (Ha)					
PHILIPPINES	**229**	**240** R/	**259**	**269**	**267**
CAR	157	161	158 R/	159	158
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON		0.40	1	1	1
MIMAROPA					
Bicol Region					
Western Visayas	0.37	0.43	0.42	0.39	0.43
Central Visayas	4	4	9 R/	13	15
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	68	72 R/	86	92	89
Davao Region			2	2	2
SOCCSKSARGEN		2	3	3	2
Caraga					
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**9.89**	**9.88** R/	**10.05**	**9.97**	**10.13**
CAR	10.91	11.09	11.72 R/	11.69	11.69
Ilocos Region					
Cagayan Valley					
Central Luzon					
CALABARZON		6.25	7.74	8.00	4.25
MIMAROPA					
Bicol Region					
Western Visayas	6.35	6.93	6.90	6.54	6.65
Central Visayas	8.04	7.66	10.40 R/	10.06	11.09
Eastern Visayas					
Zamboanga Peninsula					
Northern Mindanao	7.65	7.59 R/	7.45	7.39	7.58
Davao Region			3.03	4.07	4.08
SOCCSKSARGEN		0.87	0.66	0.82	0.84
Caraga					
ARMM					

R/ - Revised

Table 5.12 CARROTS: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**35,694**	**65,024**	**68,366**	**68,328**	**72,109**
CAR	27,966	57,491	60,303	59,024	63,353
Ilocos Region	1	2	2	2	1
Cagayan Valley	820	831	802	818	758
Central Luzon	4	4	4	4	4
CALABARZON	18	17	18	20	22
MIMAROPA					
Bicol Region				21	19
Western Visayas	106	129	129	128	154
Central Visayas	4,021	3,706	3,885	4,934	4,516
Eastern Visayas	10	12	13	13	13
Zamboanga Peninsula	129	129	133	137	139
Northern Mindanao	766	828	1,201	1,347	1,284
Davao Region	1,423	1,440	1,400	1,426	1,406
SOCCSKSARGEN	417	427	466	447	440
Caraga	12	10	10	7	0.25
ARMM					
Area (Ha)					
PHILIPPINES	**3,481**	**4,898**	**5,075**	**5,080**	**5,115**
CAR	1,793	3,269	3,382	3,373	3,453
Ilocos Region	0.5	1	1	1	1
Cagayan Valley	129	123	119	116	110
Central Luzon	2	2	2	2	2
CALABARZON	2	3	3	4	4
MIMAROPA					
Bicol Region				4	4
Western Visayas	18	20	21	21	24
Central Visayas	819	770	815	832	788
Eastern Visayas	3	3	4	4	4
Zamboanga Peninsula	82	78	87	89	90
Northern Mindanao	108	117	131	141	140
Davao Region	389	376	369	350	351
SOCCSKSARGEN	133	134	140	143	143
Caraga	2	2	2	2	1
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**10.26**	**13.28**	**13.47**	**13.45**	**14.10**
CAR	15.60	17.59	17.83	17.50	18.35
Ilocos Region	2.92	2.99	3.07	2.67	2.33
Cagayan Valley	6.36	6.76	6.74	7.05	6.89
Central Luzon	1.93	2.04	2.08	1.98	1.88
CALABARZON	9.00	5.67	6.14	5.62	5.03
MIMAROPA					
Bicol Region				5.25	4.75
Western Visayas	5.87	6.43	6.09	6.09	6.41
Central Visayas	4.91	4.81	4.77	5.93	5.73
Eastern Visayas	3.16	3.55	3.64	3.14	3.20
Zamboanga Peninsula	1.58	1.65	1.54	1.55	1.54
Northern Mindanao	7.09	7.07	9.15	9.58	9.17
Davao Region	3.66	3.83	3.79	4.07	4.01
SOCCSKSARGEN	3.15	3.19	3.33	3.12	3.08
Caraga	5.37	4.75	4.53	4.37	0.18
ARMM					

Table 5.13 CAULIFLOWER: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**10,489**	**10,148**	**10,758**	**10,559**	**11,102**
CAR	4,652	4,811	4,972	4,957	5,210
Ilocos Region	4,942	4,363	4,605	4,152	4,574
Cagayan Valley	65	93	67	103	87
Central Luzon	50	45	32	29	28
CALABARZON			1	6	4
MIMAROPA					
Bicol Region					
Western Visayas	5	6	6	5	6
Central Visayas	66	74	77	86	76
Eastern Visayas					
Zamboanga Peninsula	2	2	3	3	3
Northern Mindanao	387	442	691	927	834
Davao Region	190	173	162	157	153
SOCCSKSARGEN	118	129	143	134	128
Caraga					
ARMM	13	8			
Area (Ha)					
PHILIPPINES	**976 R/**	**974 R/**	**1,004**	**997**	**987**
CAR	343	345	345	344	340
Ilocos Region	451	443	443	409	421
Cagayan Valley	23	23	23	34	30
Central Luzon	8	7	6	5	5
CALABARZON			0.30	1	1
MIMAROPA					
Bicol Region					
Western Visayas	1	1	1	1	1
Central Visayas	25	27	27	27	22
Eastern Visayas					
Zamboanga Peninsula	2	2	2	2	2
Northern Mindanao	54 R/	62 R/	91	109	104
Davao Region	37	35	34	33	33
SOCCSKSARGEN	27	28	32	33	29
Caraga					
ARMM	5	2			
Yield Per Hectare (mt)					
PHILIPPINES	**10.75 R/**	**10.42 R/**	**10.72**	**10.59**	**11.25**
CAR	13.56	13.95	14.41	14.41	15.32
Ilocos Region	10.96	9.86	10.40	10.16	10.88
Cagayan Valley	2.80	4.03	2.92	3.03	2.90
Central Luzon	6.25	6.43	5.33	5.76	5.52
CALABARZON			2.77	6.00	3.80
MIMAROPA					
Bicol Region					
Western Visayas	6.87	6.83	7.01	6.44	6.54
Central Visayas	2.62	2.76	2.86	3.18	3.44
Eastern Visayas					
Zamboanga Peninsula	1.02	1.20	1.27	1.43	1.52
Northern Mindanao	7.20 R/	7.13 R/	7.59	8.50	8.06
Davao Region	5.12	4.96	4.76	4.76	4.63
SOCCSKSARGEN	4.34	4.69	4.51	4.05	4.45
Caraga					
ARMM	2.60	4.00			

R/ - Revised

Table 5.14 GABI: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**111,942**	**113,954**	**115,956**	**115,218**	**110,761**
CAR	5,065	5,115	5,148	5,182	4,723
Ilocos Region	3,273	3,500	3,569	3,344	3,234
Cagayan Valley	15,251	15,472	15,165	14,881	13,436
Central Luzon	6,478	6,592	6,778	6,766	6,766
CALABARZON	6,750	6,666	6,463	6,177	6,115
MIMAROPA	3,006	3,018	3,083	3,190	3,258
Bicol Region	13,582	13,717	14,158	13,807	13,482
Western Visayas	4,788	4,789	4,890	4,935	4,816
Central Visayas	9,551	9,562	9,837	9,604	7,278
Eastern Visayas	18,118	18,596	20,253	20,815	20,945
Zamboanga Peninsula	1,586	1,532	1,518	1,488	1,408
Northern Mindanao	2,017	2,549	2,639	2,618	2,710
Davao Region	2,946	2,909	2,913	2,937	3,048
SOCCSKSARGEN	4,231	4,022	4,060	4,230	4,415
Caraga	14,292	14,909	14,460	14,230	14,134
ARMM	1,010	1,006	1,021	1,014	993
Area (Ha)					
PHILIPPINES	**18,155**	**18,215**	**18,168**	**17,882**	**16,998**
CAR	450	449	446	449	421
Ilocos Region	452	473	483	506	495
Cagayan Valley	1,803	1,788	1,749	1,715	1,644
Central Luzon	914	930	963	968	963
CALABARZON	1,043	1,042	1,022	1,009	989
MIMAROPA	643	659	669	681	685
Bicol Region	1,621	1,620	1,622	1,571	1,547
Western Visayas	666	658	663	668	659
Central Visayas	2,298	2,271	2,209	1,964	1,482
Eastern Visayas	4,546	4,589	4,635	4,686	4,707
Zamboanga Peninsula	362	347	338	319	308
Northern Mindanao	253	270	275	278	280
Davao Region	356	352	341	343	345
SOCCSKSARGEN	274	279	283	287	289
Caraga	2,321	2,335	2,315	2,286	2,041
ARMM	155	153	154	151	143
Yield Per Hectare (mt)					
PHILIPPINES	**6.17**	**6.26**	**6.38**	**6.44**	**6.52**
CAR	11.25	11.39	11.54	11.54	11.22
Ilocos Region	7.24	7.39	7.39	6.61	6.54
Cagayan Valley	8.46	8.65	8.67	8.68	8.17
Central Luzon	7.09	7.09	7.04	6.99	7.03
CALABARZON	6.47	6.40	6.32	6.12	6.18
MIMAROPA	4.68	4.58	4.61	4.68	4.75
Bicol Region	8.38	8.47	8.73	8.79	8.71
Western Visayas	7.19	7.28	7.38	7.39	7.31
Central Visayas	4.16	4.21	4.45	4.89	4.91
Eastern Visayas	3.99	4.05	4.37	4.44	4.45
Zamboanga Peninsula	4.38	4.42	4.49	4.66	4.57
Northern Mindanao	7.98	9.44	9.60	9.42	9.70
Davao Region	8.29	8.26	8.54	8.56	8.84
SOCCSKSARGEN	15.46	14.44	14.35	14.76	15.26
Caraga	6.16	6.39	6.25	6.22	6.93
ARMM	6.51	6.57	6.64	6.70	6.93

Table 5.15 GINGER: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**27,261**	**27,946**	**27,538**	**27,415**	**27,097**
CAR	1,061	1,078	1,053	1,040	996
Ilocos Region	682	712	751	787	789
Cagayan Valley	5,566	6,160	5,574	5,462	5,244
Central Luzon	1,055	1,140	1,173	1,140	1,149
CALABARZON	4,969	4,921	4,707	4,463	4,386
MIMAROPA	290	297	313	324	362
Bicol Region	248	247	295	292	294
Western Visayas	1,587	1,526	1,398	1,418	1,313
Central Visayas	1,817	1,696	1,722	1,675	1,686
Eastern Visayas	2,064	2,110	2,132	2,153	2,132
Zamboanga Peninsula	568	563	576	568	565
Northern Mindanao	4,029	4,238	4,678	4,864	5,022
Davao Region	1,091	1,092	1,060	1,094	1,138
SOCCSKSARGEN	827	772	770	883	843
Caraga	513	506	477	373	307
ARMM	894	888	860	879	872
Area (Ha)					
PHILIPPINES	**3,941**	**3,974**	**3,926**	**3,948**	**3,967**
CAR	155	157	154	155	151
Ilocos Region	104	108	116	122	123
Cagayan Valley	856	873	811	812	797
Central Luzon	167	176	178	171	174
CALABARZON	416	420	406	409	411
MIMAROPA	88	95	104	103	107
Bicol Region	71	71	70	71	73
Western Visayas	230	225	216	220	211
Central Visayas	341	328	326	331	335
Eastern Visayas	266	266	272	271	275
Zamboanga Peninsula	103	106	112	114 R/	115
Northern Mindanao	633	634	661	668	671
Davao Region	225	235	227	253	260
SOCCSKSARGEN	105	101	98	103	100
Caraga	62	62	58	49	44
ARMM	120	118	118	97 R/	121
Yield Per Hectare (mt)					
PHILIPPINES	**6.92**	**7.03**	**7.01**	**6.94**	**6.83**
CAR	6.85	6.86	6.84	6.73	6.62
Ilocos Region	6.56	6.59	6.49	6.48	6.41
Cagayan Valley	6.50	7.06	6.87	6.73	6.58
Central Luzon	6.32	6.48	6.59	6.67	6.60
CALABARZON	11.94	11.72	11.59	10.91	10.67
MIMAROPA	3.30	3.12	3.02	3.15	3.39
Bicol Region	3.50	3.50	4.21	4.11	4.05
Western Visayas	6.92	6.80	6.46	6.46	6.22
Central Visayas	5.33	5.17	5.28	5.06	5.03
Eastern Visayas	7.75	7.92	7.84	7.93	7.77
Zamboanga Peninsula	5.52	5.30	5.14	4.97 R/	4.91
Northern Mindanao	6.37	6.69	7.08	7.28	7.48
Davao Region	4.84	4.65	4.68	4.32	4.38
SOCCSKSARGEN	7.88	7.64	7.89	8.60	8.41
Caraga	8.27	8.16	8.17	7.56	6.98
ARMM	7.45	7.51	7.30	9.05 R/	7.22

R/ - Revised as of July 4, 2011

Table 5.16 GOURD: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**113,421**	**106,291**	**104,029**	**102,787**	**97,586**
CAR	1,281	1,282	1,288	1,289	1,307
Ilocos Region	11,258	11,521	10,754	10,313	10,509
Cagayan Valley	13,286	13,961	14,949	14,460	12,906
Central Luzon	9,131	9,805	9,726	9,715	9,636
CALABARZON	38,568	30,843	29,851	30,868	30,581
MIMAROPA	434	432	447	464	487
Bicol Region	2,789	3,670	3,514	3,309	3,326
Western Visayas	2,464	2,448	2,366	2,481	2,467
Central Visayas	8,200	7,722	7,416	7,848	5,682
Eastern Visayas	3,643	3,691	3,664	3,710	3,685
Zamboanga Peninsula	11,602	10,127	8,972	8,181	6,778
Northern Mindanao	3,657	3,502	3,718	3,406	3,467
Davao Region	3,016	3,098	3,088	3,107	3,150
SOCCSKSARGEN	1,451	1,501	1,500	1,517	1,444
Caraga	1,804	1,847	1,922	1,276	1,323
ARMM	838	840	854	840	837
Area (Ha)					
PHILIPPINES	**9,088**	**8,382**	**8,305**	**8,152**	**7,847**
CAR	177	176	176	175	177
Ilocos Region	706	714	686	681	682
Cagayan Valley	957	983	1,012	1,002	856
Central Luzon	603	638	638	640	636
CALABARZON	3,666	2,821	2,760	2,727	2,649
MIMAROPA	67	66	74	81	83
Bicol Region	149	267	263	256	257
Western Visayas	223	227	220	224	223
Central Visayas	542	543	558	550	537
Eastern Visayas	300	303	304	307	309
Zamboanga Peninsula	700	641	594	535	446
Northern Mindanao	405	393	398	355	356
Davao Region	319	333	336	339	344
SOCCSKSARGEN	122	125	126	128	120
Caraga	90	93	98	91	112
ARMM	62	61	63	62	62
Yield Per Hectare (mt)					
PHILIPPINES	**12.48**	**12.68**	**12.53**	**12.61**	**12.44**
CAR	7.24	7.28	7.32	7.37	7.41
Ilocos Region	15.95	16.14	15.68	15.15	15.42
Cagayan Valley	13.88	14.20	14.77	14.43	15.08
Central Luzon	15.14	15.37	15.24	15.18	15.15
CALABARZON	10.52	10.93	10.82	11.32	11.55
MIMAROPA	6.49	6.57	6.07	5.72	5.84
Bicol Region	18.74	13.74	13.36	12.93	12.97
Western Visayas	11.03	10.79	10.78	11.07	11.07
Central Visayas	15.13	14.22	13.29	14.27	10.58
Eastern Visayas	12.14	12.19	12.06	12.08	11.94
Zamboanga Peninsula	16.57	15.80	15.10	15.29	15.20
Northern Mindanao	9.02	8.92	9.35	9.60	9.73
Davao Region	9.45	9.30	9.19	9.17	9.16
SOCCSKSARGEN	11.94	12.06	11.91	11.89	12.02
Caraga	20.04	19.86	19.59	14.02	11.81
ARMM	13.51	13.85	13.59	13.63	13.61

Table 5.17 HABITCHUELAS: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**13,493**	**15,922**	**16,897**	**16,187**	**15,820**
CAR	6,403	8,321	8,374	8,119	8,196
Ilocos Region	328	342	350	339	322
Cagayan Valley	3,846	4,233	4,965	4,421	3,904
Central Luzon	43	46	47	48	47
CALABARZON	109	149	150	135	135
MIMAROPA	0.13	0.12	0.12		
Bicol Region	768	786	800	806	813
Western Visayas	132	132	129	126	133
Central Visayas	465	450	565	646	768
Eastern Visayas	502	508	501	496	481
Zamboanga Peninsula	58	57	58	60	60
Northern Mindanao	436	462	522	579	560
Davao Region	137	146	146	143	148
SOCCSKSARGEN	223	255	255	240	214
Caraga	31	28	27	24	33
ARMM	11	8	7	6	6
Area (Ha)					
PHILIPPINES	**3,370**	**3,623**	**3,723**	**3,662**	**3,770**
CAR	1,069	1,262	1,287	1,267	1,289
Ilocos Region	179	184	186	186	180
Cagayan Valley	800	811	830	767	840
Central Luzon	27	29	30	30	30
CALABARZON	67	77	74	71 R/	67
MIMAROPA					
Bicol Region	211	219	218	220	222
Western Visayas	28	31	30	30	31
Central Visayas	473	483	530	551 R/	568
Eastern Visayas	160	166	167	160	160
Zamboanga Peninsula	77	71	72	75	76
Northern Mindanao	79	84	93	97	92
Davao Region	125	129	129	133	131
SOCCSKSARGEN	47	50	53	53	58
Caraga	24	23	20	18	22
ARMM	5	4	3	3	4
Yield Per Hectare (mt)					
PHILIPPINES	**4.00**	**4.39**	**4.54**	**4.42**	**4.20**
CAR	5.99	6.59	6.51	6.41	6.36
Ilocos Region	1.83	1.87	1.89	1.82	1.79
Cagayan Valley	4.81	5.22	5.98	5.76	4.65
Central Luzon	1.60	1.58	1.57	1.59	1.58
CALABARZON	1.62	1.93	2.04	1.91 R/	2.02
MIMAROPA					
Bicol Region	3.64	3.59	3.66	3.66	3.66
Western Visayas	4.68	4.24	4.29	4.18	4.29
Central Visayas	0.98	0.93	1.07	1.17	1.35
Eastern Visayas	3.14	3.07	3.00	3.10	3.01
Zamboanga Peninsula	0.76	0.80	0.81	0.79	0.79
Northern Mindanao	5.50	5.47	5.59	5.99	6.12
Davao Region	1.10	1.13	1.13	1.07	1.13
SOCCSKSARGEN	4.75	5.10	4.81	4.54	3.68
Caraga	1.32	1.21	1.33	1.32	1.48
ARMM	2.16	1.98	2.48	2.10	1.50

R/ - Revised as of July 4, 2011

Table 5.18 LETTUCE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**3,348**	**3,335**	**3,566**	**3,577**	**3,634**
CAR	1,369	1,388	1,404	1,395	1,486
Ilocos Region					
Cagayan Valley	2				
Central Luzon					
CALABARZON	133	127	131	118	110
MIMAROPA					
Bicol Region					
Western Visayas	11	18	19	19	18
Central Visayas	86	102	157	173	201
Eastern Visayas	1	1	1	1	1
Zamboanga Peninsula	17	17	17	19	18
Northern Mindanao	1,673	1,625	1,783	1,795	1,757
Davao Region	5	5	5	5	5
SOCCSKSARGEN	51	52	49	52	37
Caraga					1
ARMM					
Area (Ha)					
PHILIPPINES	**407**	**405**	**440**	**451**	**466**
CAR	155	153	151	149	160
Ilocos Region					
Cagayan Valley	2				
Central Luzon					
CALABARZON	13	12	13	12	13
MIMAROPA					
Bicol Region					
Western Visayas	2	3	4	3	4
Central Visayas	49	58	78	85	96
Eastern Visayas	0.40	0.42	2	3	4
Zamboanga Peninsula	4	4	4	4	4
Northern Mindanao	157	150	166	172	164
Davao Region	4	4	4	4	4
SOCCSKSARGEN	21	20	18	18	17
Caraga					0.33
ARMM					
Yield Per Hectare (mt)					
PHILIPPINES	**8.22**	**8.24**	**8.10**	**7.93**	**7.80**
CAR	8.83	9.07	9.30	9.36	9.29
Ilocos Region					
Cagayan Valley	1.22				
Central Luzon					
CALABARZON	10.48	10.61	9.86	9.61	8.17
MIMAROPA					
Bicol Region					
Western Visayas	4.90	5.46	5.34	5.91	5.04
Central Visayas	1.76	1.78	2.01	2.04	2.10
Eastern Visayas	1.43	1.43	0.24	0.27	0.19
Zamboanga Peninsula	4.23	4.33	4.30	4.51	4.46
Northern Mindanao	10.69	10.83	10.77	10.44	10.71
Davao Region	1.10	1.12	1.13	1.14	1.13
SOCCSKSARGEN	2.45	2.58	2.74	2.84	2.20
Caraga					2.17
ARMM					

Table 5.19 OKRA: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**26,709**	**27,886**	**29,485**	**29,710**	**29,716**
CAR	30	31	31	32	34
Ilocos Region	1,576	1,570	1,604	1,566	1,577
Cagayan Valley	5,746	5,820	5,850	5,696	5,214
Central Luzon	9,937	10,171	10,759	10,790	10,851
CALABARZON	1,357	1,366	1,390	1,380	1,640
MIMAROPA	125	127	147	162	182
Bicol Region	1,128	1,639	1,721	1,777	1,778
Western Visayas	1,183	1,323	1,396	1,451	1,455
Central Visayas	1,441	1,386	1,950	2,119	2,194
Eastern Visayas	895	916	923	941	942
Zamboanga Peninsula	335	346	366	379	385
Northern Mindanao	1,337	1,397	1,464	1,505	1,532
Davao Region	397	478	502	519	535
SOCCSKSARGEN	426	460	507	522	506
Caraga	760	821	842	837	860
ARMM	35	34	33	34	33
Area (Ha)					
PHILIPPINES	**3,211**	**3,287**	**3,488**	**3,555**	**3,570**
CAR	14	15	15	16	16
Ilocos Region	158	161	164	163	169
Cagayan Valley	666	673	694	691	630
Central Luzon	654	661	719	733	743
CALABARZON	146	144	145	138	159
MIMAROPA	78	78	87	91	99
Bicol Region	124	167	175	175	176
Western Visayas	203	214	227	229	231
Central Visayas	198	195	249	282	290
Eastern Visayas	144	145	148	153	154
Zamboanga Peninsula	117	115	126	133	139
Northern Mindanao	321	299	310	299	308
Davao Region	154	168	165	184	190
SOCCSKSARGEN	91	98	106	109	108
Caraga	127	137	141	142	139
ARMM	16	17	17	18	19
Yield Per Hectare (mt)					
PHILIPPINES	**8.32**	**8.48**	**8.45**	**8.36**	**8.32**
CAR	2.17	2.05	2.08	2.04	2.18
Ilocos Region	9.95	9.74	9.77	9.64	9.32
Cagayan Valley	8.63	8.65	8.43	8.24	8.28
Central Luzon	15.19	15.39	14.96	14.72	14.60
CALABARZON	9.30	9.48	9.59	10.00	10.31
MIMAROPA	1.60	1.63	1.70	1.78	1.83
Bicol Region	9.10	9.81	9.83	10.15	10.08
Western Visayas	5.83	6.20	6.15	6.33	6.28
Central Visayas	7.28	7.11	7.83	7.51	7.56
Eastern Visayas	6.21	6.31	6.22	6.17	6.13
Zamboanga Peninsula	2.87	3.00	2.91	2.85	2.78
Northern Mindanao	4.17	4.68	4.72	5.03	4.98
Davao Region	2.58	2.84	3.04	2.82	2.82
SOCCSKSARGEN	4.68	4.69	4.80	4.81	4.67
Caraga	5.99	6.00	5.99	5.90	6.18
ARMM	2.18	1.97	1.91	1.89	1.74

Table 5.20 PECHAY-CHINESE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009		2010
Production (mt)						
PHILIPPINES	**37,171**	**48,233**	**50,099**	**49,451**		**52,222**
CAR	33,234	43,988	44,971	43,879		46,497
Ilocos Region	2	3	3	3		3
Cagayan Valley	155	163	177	162		146
Central Luzon						
CALABARZON	87	172	154	151		151
MIMAROPA						
Bicol Region						
Western Visayas						
Central Visayas	2,390	2,421	2,736	2,855		3,014
Eastern Visayas	2	2	2	3		2
Zamboanga Peninsula	92	85	80	80		77
Northern Mindanao	534	666	1,245	1,585		1,606
Davao Region	377	396	389	392		404
SOCCSKSARGEN	297	337	341	343		323
Caraga						
ARMM						
Area (Ha)						
PHILIPPINES	**3,446**	**3,645**	**3,728**	**3,736**		**3,735**
CAR	2,732	2,850	2,878	2,827		2,819
Ilocos Region	0.36	0.47	1	0.46		0.43
Cagayan Valley	28	26	27	24		23
Central Luzon						
CALABARZON	18	33	33	36	R/	36
MIMAROPA						
Bicol Region						
Western Visayas						
Central Visayas	416	448	457	469		479
Eastern Visayas	2	2	2	2		2
Zamboanga Peninsula	11	11	11	10		9
Northern Mindanao	109	130	176	209	R/	208
Davao Region	71	80	83	95		99
SOCCSKSARGEN	58	64	61	62		60
Caraga						
ARMM						
Yield Per Hectare (mt)						
PHILIPPINES	**10.79**	**13.23**	**13.44**	**13.24**		**13.98**
CAR	12.16	15.43	15.63	15.52		16.49
Ilocos Region	6.58	6.29	5.45	6.10		5.92
Cagayan Valley	5.54	6.27	6.54	6.66		6.35
Central Luzon						
CALABARZON	4.79	5.20	4.68	4.19	R/	4.19
MIMAROPA						
Bicol Region						
Western Visayas						
Central Visayas	5.75	5.40	5.99	6.09		6.29
Eastern Visayas	1.04	1.06	1.08	1.20		1.16
Zamboanga Peninsula	8.32	7.89	7.55	7.77		8.72
Northern Mindanao	4.90	5.11	7.07	7.58	R/	7.72
Davao Region	5.31	4.95	4.69	4.12		4.08
SOCCSKSARGEN	5.12	5.26	5.59	5.51		5.41
Caraga						
ARMM						

R/ - Revised as of July 5, 2011

Table 5.21 PECHAY-NATIVE: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**43,077**	**45,039**	**45,396**	**44,922**	**44,861**
CAR	4,387	4,346	4,358	4,329	4,133
Ilocos Region	2,117	2,233	2,173	2,075	2,146
Cagayan Valley	5,941	6,016	6,141	5,839	5,335
Central Luzon	1,933	2,554	2,724	2,720	2,813
CALABARZON	6,469	6,502	6,210	6,156	6,377
MIMAROPA	334	339	363	385	419
Bicol Region	13,176	13,759	13,819	13,753	13,957
Western Visayas	1,578	1,717	1,686	1,750	1,775
Central Visayas	1,203	1,341	1,516	1,528	1,507
Eastern Visayas	958	980	961	948	940
Zamboanga Peninsula	1,320	1,315	1,344	1,375	1,349
Northern Mindanao	943	1,054	1,116	1,167	1,225
Davao Region	1,204	1,212	1,211	1,218	1,275
SOCCSKSARGEN	517	541	555	571	559
Caraga	593	731	831	720	666
ARMM	406	399	389	388	384
Area (Ha)					
PHILIPPINES	**6,900**	**7,090**	**7,185**	**7,194**	**7,097**
CAR	566	563	564	560	536
Ilocos Region	473	491	474	465	452
Cagayan Valley	921	948	975	917	858
Central Luzon	284	324	333	340	310
CALABARZON	752	749	746	748	766
MIMAROPA	159	160	175	181	190
Bicol Region	2,199	2,249	2,253	2,252	2,258
Western Visayas	240	253	248	254	256
Central Visayas	202	208	239	286	296
Eastern Visayas	166	168	171	167	167
Zamboanga Peninsula	258	253	255	259	254
Northern Mindanao	158	169	178	192	195
Davao Region	178	190	194	202	206
SOCCSKSARGEN	126	133	138	141	131
Caraga	119	134	148	135	128
ARMM	99	100	95	96	95
Yield Per Hectare (mt)					
PHILIPPINES	**6.24**	**6.35**	**6.32**	**6.24**	**6.32**
CAR	7.75	7.72	7.73	7.73	7.72
Ilocos Region	4.48	4.55	4.58	4.47	4.74
Cagayan Valley	6.45	6.35	6.30	6.37	6.22
Central Luzon	6.80	7.88	8.18	8.00	9.07
CALABARZON	8.60	8.68	8.32	8.23	8.33
MIMAROPA	2.10	2.13	2.08	2.13	2.21
Bicol Region	5.99	6.12	6.13	6.11	6.18
Western Visayas	6.59	6.80	6.81	6.89	6.93
Central Visayas	5.96	6.45	6.35	5.34	5.10
Eastern Visayas	5.78	5.82	5.62	5.67	5.63
Zamboanga Peninsula	5.12	5.20	5.27	5.31	5.31
Northern Mindanao	5.96	6.23	6.29	6.09	6.28
Davao Region	6.76	6.40	6.24	6.03	6.19
SOCCSKSARGEN	4.10	4.08	4.02	4.05	4.27
Caraga	4.99	5.46	5.61	5.33	5.23
ARMM	4.10	3.99	4.11	4.06	4.04

Table 5.22 UBI: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009	2010
Production (mt)					
PHILIPPINES	**30,074**	**29,265**	**24,185**	**22,567**	**21,892**
CAR	148	152	156	161	146
Ilocos Region	121	153	180	180	201
Cagayan Valley	2,419	2,357	2,282	2,131	1,757
Central Luzon	468	497	558	540	553
CALABARZON	444	463	466	518	626
MIMAROPA	246	246	356	417	424
Bicol Region	664	657	683	662	657
Western Visayas	560	566	636	658	651
Central Visayas	21,849	21,092	15,700	14,092	13,722
Eastern Visayas	783	798	840	845	841
Zamboanga Peninsula	273	260	252	258	250
Northern Mindanao	913	824	798	828	867
Davao Region	380	391	408	409	427
SOCCSKSARGEN	282	293	321	332	316
Caraga	280	275	259	217	145
ARMM	243	243	292	319	308
Area (Ha)					
PHILIPPINES	**5,999**	**5,839**	**5,212**	**4,929**	**4,744**
CAR	23	25	25	27	28
Ilocos Region	14	17	19	19	20
Cagayan Valley	367	345	333	315	293
Central Luzon	94	95	98	90	90
CALABARZON	105	104	110	112	114
MIMAROPA	80	81	102	102	93
Bicol Region	98	96	104	98	97
Western Visayas	74	77	95	105	99
Central Visayas	4,397	4,277	3,588	3,312	3,178
Eastern Visayas	215	216	230	233	233
Zamboanga Peninsula	60	58	57	58	59
Northern Mindanao	225	205	198	198	189
Davao Region	67	68	73	80	83
SOCCSKSARGEN	64	67	74	77	74
Caraga	61	59	56	53	44
ARMM	55	51	51	53	52
Yield Per Hectare (mt)					
PHILIPPINES	**5.01**	**5.01**	**4.64**	**4.58**	**4.61**
CAR	6.45	6.08	6.22	6.07	5.23
Ilocos Region	8.41	9.12	9.52	9.28	10.29
Cagayan Valley	6.59	6.83	6.85	6.77	6.00
Central Luzon	4.98	5.24	5.69	6.00	6.14
CALABARZON	4.25	4.45	4.23	4.63	5.49
MIMAROPA	3.07	3.02	3.50	4.10	4.58
Bicol Region	6.77	6.84	6.57	6.79	6.81
Western Visayas	7.60	7.37	6.70	6.25	6.60
Central Visayas	4.97	4.93	4.38	4.25	4.32
Eastern Visayas	3.64	3.70	3.65	3.63	3.60
Zamboanga Peninsula	4.55	4.52	4.41	4.46	4.27
Northern Mindanao	4.05	4.02	4.04	4.19	4.59
Davao Region	5.68	5.77	5.60	5.14	5.14
SOCCSKSARGEN	4.41	4.40	4.33	4.31	4.27
Caraga	4.59	4.65	4.67	4.13	3.28
ARMM	4.42	4.76	5.72	6.02	5.92

Table 5.23 WHITE POTATO: PRODUCTION, AREA AND YIELD PER HECTARE, BY REGION, PHILIPPINES, 2006-2010

Region	2006	2007	2008	2009		2010
Production (mt)						
PHILIPPINES	**69,461**	**118,497**	**121,311**	**119,159**		**124,671**
CAR	52,205	100,752	103,303	101,061		107,182
Ilocos Region						
Cagayan Valley	448	528	521	536		441
Central Luzon	3	3	3	3		3
CALABARZON						
MIMAROPA						
Bicol Region	0.14	0.14	0.13			
Western Visayas						
Central Visayas	62	58	57	52		56
Eastern Visayas						
Zamboanga Peninsula						
Northern Mindanao	6,745	6,778	6,945	7,025		6,870
Davao Region	9,436	9,811	9,841	9,859		9,558
SOCCSKSARGEN	562	566	641	624		562
Caraga						
ARMM						
Area (Ha)						
PHILIPPINES	**5,451**	**7,939**	**7,994**	**7,904**		**8,129**
CAR	3,456	5,900	5,932	5,824	R/	6,069
Ilocos Region						-
Cagayan Valley	75	78	76	79		70
Central Luzon	1	1	1	1		1
CALABARZON						
MIMAROPA						
Bicol Region	1	1	1		R/	
Western Visayas						
Central Visayas	19	22	20	19		21
Eastern Visayas						
Zamboanga Peninsula						
Northern Mindanao	548	556	562	573		568
Davao Region	1,280	1,310	1,322	1,329		1,329
SOCCSKSARGEN	71	71	79	79		72
Caraga						
ARMM						
Yield Per Hectare (mt)						
PHILIPPINES	**12.74**	**14.93**	**15.18**	**15.08**		**15.34**
CAR	15.11	17.08	17.41	17.35	R/	17.66
Ilocos Region						
Cagayan Valley	5.97	6.77	6.86	6.79		6.30
Central Luzon	2.50	2.57	2.61	2.65		2.64
CALABARZON						
MIMAROPA						
Bicol Region	0.14	0.14	0.13			
Western Visayas						
Central Visayas	3.27	2.65	2.77	2.69		2.69
Eastern Visayas						
Zamboanga Peninsula						
Northern Mindanao	12.31	12.19	12.36	12.26		12.10
Davao Region	7.37	7.49	7.44	7.42		7.19
SOCCSKSARGEN	7.98	7.95	8.09	7.92		7.79
Caraga						
ARMM						

R/ - Revised as of June 29, 2011

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