

Chapter VI. Economic Sector

AGRICULTURE

Agriculture plays a very active role in the economy of Cavite. If we are to base it on the land area coverage and its intended land-use, Cavite is predominantly an agriculture province. Cavite's economy is largely dependent to agriculture, giving employment to 51,400 farmers. Despite urbanization and industrialization, still, a significant number of Caviteños are engaged into agribusinesses. Data gathered from Office of the Provincial Agriculturist shows that though the province has a very vigorous industrial sector, the agricultural land is about 50.09 percent or 71,474.91 hectares of the total land area of the province. Of the seven districts in the province, as presented in Table 6.1, the top three with the widest agricultural area are District VII comprising 43,556.74 hectares or 60.94 percent of the total agricultural areas being worked-on by 27,780 farmers followed by District VI with 16.75 percent or 11,974.71 hectares having 9,510 farmers and District V comprising 11,570.20 hectares or 16.19 percent with 9,485 farmers. The municipality of Maragondon has the biggest area intended for agriculture, accounts to 14.36% of the total provincial agricultural lands while Cavite City, with its limited land-use due to the national government controlled areas such as the Sangley Point Naval Base and the Corregidor Island, has no longer available land for agriculture related activities and industries. Based on total agricultural lands, the major players in agriculture in the province are Maragondon, Silang, Indang, Naic and Alfonso. As to the number of farmers, the municipality of Silang ranks first with 8,720 followed by Naic and Maragondon with 6,370 and 4,399, respectively. Rosario has the least number of farmers with 39 (Table 6.1 and Figure 6.1).

Figure 6.1. Distribution of Agricultural Land by District, Province of Cavite: 2010

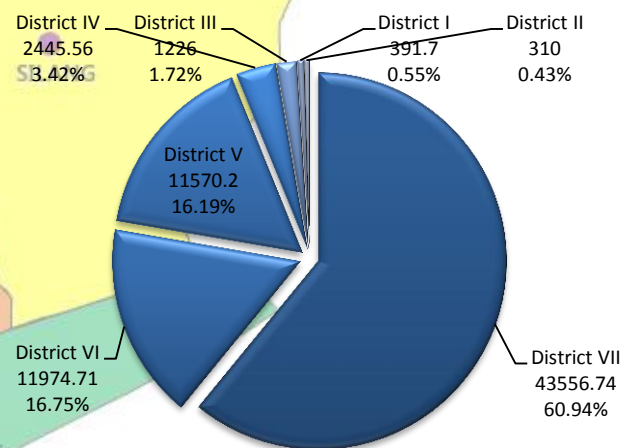


Table 6.1. Total Agricultural Area by City/Municipality, Province of Cavite: 2010

City/Municipality	Total Land Area (Hectares)	Total Agricultural Area (Hectares)	Total Non-Agricultural Area (Hectares)	Total Number of Farmers	% Agricultural Land
District I	3,631.00	391.70	3,239.30	439	10.79
Cavite City	1,183.00		1,183.00		
Kawit	1,340.00	311.00	1,029.00	133	23.21
Noveleta	541.00	53.70	487.30	267	9.93
Rosario	567.00	27.00	540.00	39	4.76
District II	5,240.00	310.00	4,930.00	234	5.92
Bacoor	5,240.00	310.00	4,930.00	234	5.92
District III	9,701.00	1,226.00	8,475.00	657	12.64
Imus	9,701.00	1,226.00	8,475.00	657	12.64
District IV	8,234.00	2,445.56	5,788.44	3,295	29.70
City of Dasmariñas	8,234.00	2,445.56	5,788.44	3,295	29.70
District V	19,671.00	11,570.20	8,100.80	9,485	58.82
Carmona	3,092	1,923.65	1,168.35	250	62.21
Gen. M. Alvarez	938	214.72	723.28	515	22.89
Silang	15,641	9,431.83	6,209.17	8,720	60.30
District VI	30,105.00	11,974.71	18,130.29	9,510	39.78
Trece Martires City	3,917.00	420.00	3,497.00	2,165	10.72
Amadeo	4,790.00	4,500.00	290.00	4,226	93.95
Gen. Trias	11,768.00	5,158.00	6,610.00	1,382	43.83
Tanza	9,630.00	1,896.71	7,733.29	1,737	19.70
District VII	66,124.00	43,556.74	22,567.26	27,780	65.87
Tagaytay City	6,615.00	1,272.00	5,343.00	2,446	19.23
Alfonso	6,460.00	5,800.50	659.50	3,446	89.79
Gen. Aguinaldo	5,103.00	3,710.06	1,392.94	1,780	72.70
Indang	8,920.00	7,755.00	1,165.00	4,395	86.94
Magallanes	7,860.00	5,571.00	2,289.00	3,208	70.88
Maragondon	16,549.00	10,265.93	6,283.07	4,399	62.03
Mendez	1,667.00	1,400.00	267.00	1,600	83.98
Naic	8,600.00	7,290.00	1,310.00	6,370	84.77
Ternate	4,350.00	492.25	3,857.75	136	11.32
GRAND TOTAL	142,706.00	71,474.91	71,231.09	51,400	50.09

Source: Office of the Provincial Agriculturist, Trece Martires City

CROP PRODUCTION

Crop production is one of the major components of agricultural activities in Cavite. The province grows one of the staple foods of the Filipinos, the rice. Other major crops grown in the province are corn, vegetables, coffee, coconut, and others. These agricultural crops are classified as food crops, industrial/commercial crops which are planted at 51,805.81 hectares of agricultural land and cutflowers, ornamental crops and Sampaguita are planted at 27.50 hectares thus, the total area planted to major crops account to 51,833.31 hectares or 72.52 percent of the agricultural lands. These are being worked by 74,169 farmers (Table 6.2).

Table 6.2. Major Crops Planted, Province of Cavite: 2010

Major Crops	Area Planted to Crops (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
Rice	15,347.46	14,247.02	63,584.26	8,115
Irrigated	14,541.57	13,446.13	61,389.96	7,191
Rainfed	273.07	273.07	969.77	223
Upland	532.82	527.82	1,224.53	701
Corn	1,265.71	1,162.49	4,244.54	2,076
Yellow corn	320.25	291.08	996.60	446
Green corn	945.46	871.41	3,247.94	1,630
Vegetables	2,148.74	1,980.07	23,181.99	17,192
Leafy	235.24	233.66	1,619.47	3,438
Fruit	1,301.05	1,145.91	15,878.14	9,146
Legumes	338.51	337.75	1,483.16	2,831
Root vegetables	223.94	212.75	3,108.79	1,633
Bulb	50.00	50.00	1,092.43	144
Root crops	842.15	798.67	11,204.44	3,828
Coconut	12,230.43	10,230.93	84,363,030 nuts	7,940
Coffee	9,415.96	9,187.39	8,317.77	7,692
Banana	2,487.26	2,383.19	21,320.15	8,081
Pineapple	1,404.28	1,214.10	30,046.98	1,929
Mango	1,468.02	1,202.22	17,951.31	3,408
Papaya	284.94	258.31	3,699.70	1,792
Peanut	69.60	69.60	324.91	175
Sugarcane	2,141.00	1,422.00	83,070.00	369
Black Pepper	369.48	366.45	362.83	1,471
Dragon Fruit	17.50	17.50	175.00	20
Other Fruit Trees	2,212.72	1,998.30	18,204.31	9,198
Other Fruits	100.56	51.91	959.20	65
Muskmelon	15.50	15.50	294.20	11
Watermelon	85.06	36.41	665.00	54
Total	51,805.81	46,590.15	286,647.39 m.t.	73,351
Cutflowers	14.63	14.29	87,301.69 dozens	451
Anthurium	7.46	7.31	36,084.25 dozens	183
Orchids	7.17	6.98	51,217.44 dozens	268
Ornamentals	5.87	5.87	67,054.90 dozens	275
Sampaguita	7.00	7.00	105.00 m.t.	92
Total	27.50	27.16	154,356.59 dozens	818
			105.00 m.t.	
GRAND TOTAL	51,833.31	46,617.31		74,169

Source: Office of the Provincial Agriculturist, Trece Martires City

For 2010, rice is the most planted crop in Cavite with 15,347.46 hectares of land and produce of 63,584.26 metric tons of palay. Majority of rice plantations are irrigated lands. Furthermore, around 8,115 farmers rely on this agriculture niche. On the other hand, yellow and green corns were planted at 1,265.71 hectares with 2,076 farmers producing a total of 4,244.54 metric tons.

Cavite also produces considerable amount of vegetables, among of which, fruit bearing vegetables are the most cultivated in Cavite. Examples of this are tomato, eggplant, pepper, etc. A lot of Caviteño farmers are venturing into specific vegetable niche such as organic farming which they can market in major commercial supermarkets in the area.

Coconut is also a major crop of the province. In 2010, volume of production reached to almost 85M nuts. Multi-level farming is predominantly practiced that gave way for integrated crop farming. This means that Caviteño farmers can engage to multi-cropping wherein their land are planted usually with coconut on the upper level and other crops on the lower level. Thus, most of agricultural lands in the province are inter-cropped with coconut.

Coffee, the “One Town One Product” of the Province of Cavite is also considered as a provincial cash crop. Coffee varieties were planted to 9,415.96 hectares consist of excelsa, liberica, arabica and robusta having a total production volume of 8,317.77 metric tons in 2010 .



Cutflower production is currently gaining prominence in Cavite. Due to weather condition in the upland Cavite area which is conducive to cutflower production, there is a boom of flower farms and gardens. With these, the province has produced 87,301.69 dozens of cutflowers such as orchids and anthuriums in 2010. In the area of Silang, there are also numerous gardens that comprised the landscaping industry of the province. These gardens are producing diverse varieties of ornamental plants and dynamic landscaping industry.



Table 6.3 shows the total area planted to crops by city/municipality. The largest agricultural area planted to crops was recorded in Magallanes having 5,821.13 hectares. These are mainly planted with coconut, vegetables and sugarcane. It is followed by Silang and Indang with 5,592.45 hectares and 5,190.75 hectares respectively. Maragondon, despite having the biggest area with declared agricultural land-use, only has 3,648.74 hectares utilized for crop production. District VII has the largest area planted with crops covering a share of 56.06% of the entire province's land area utilized for cropping. It is followed by District VI with 22.38%. District V ranked third with 11.75% share (Figure 6.2).

Figure 6.2. Distribution of Land Area Planted to Crops by District, Province of Cavite: 2010

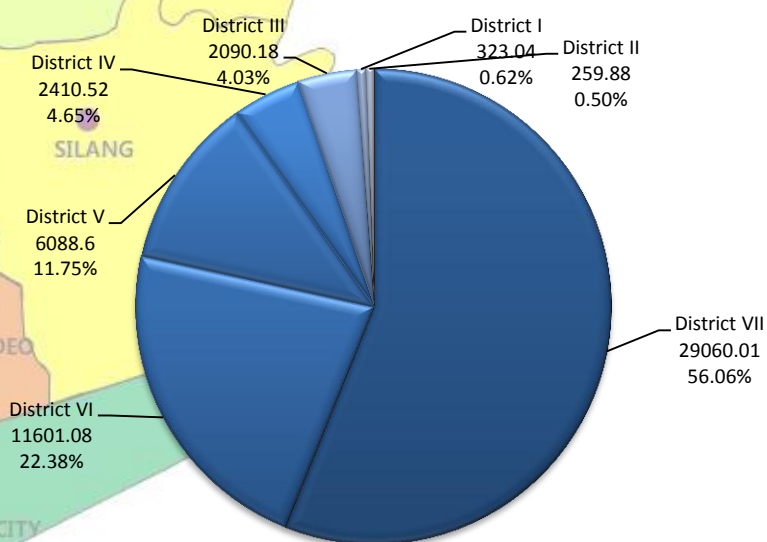


Table 6.3. Total Area Planted to Crops by City/Municipality, Province of Cavite: 2010

City/Municipality	Total Agricultural Area	Total Area Planted to Crops	% Area Planted to Crops
District I	391.70	323.04	82.47
Kawit	311.00	259.95	83.59
Noveleta	53.70	51.59	96.07
Rosario	27.00	11.50	42.59
District II	310.00	259.88	83.83
Bacoor	310.00	259.88	83.83
District III	1,226.00	2,090.18	170.49
Imus	1,226.00	2,090.18	170.49
District IV	2,445.56	2,410.52	98.57
City of Dasmariñas	2,445.56	2,410.52	98.57
District V	11,570.20	6,088.60	52.62
Carmona	1,923.65	423.90	22.04
Gen. M. Alvarez	214.72	72.25	33.65
Silang	9,431.83	5,592.45	59.29
District VI	11,974.71	11,601.08	96.88
Trece Martires City	420.00	627.05	149.30
Amadeo	4,500.00	4,785.04	106.33
Gen. Trias	5,158.00	3,675.74	71.26
Tanza	1,896.71	2,513.25	132.51
District VII	43,556.74	29,060.01	66.72
Tagaytay City	1,272.00	1,080.26	84.93
Alfonso	5,800.50	4,322.99	74.53
Gen. Aguinaldo	3,710.06	3,963.23	106.82
Indang	7,755.00	5,190.75	66.93
Magallanes	5,571.00	5,821.13	104.49
Maragondon	10,265.93	3,648.74	35.54
Mendez	1,400.00	1,148.22	82.02
Naic	7,290.00	3,278.70	44.98
Ternate	492.25	605.99	123.11
GRAND TOTAL	71,474.91	51,833.31	72.52

Source: Office of the Provincial Agriculturist, Trece Martires City

FOOD CROPS

Rice

Rice farming is one of agricultural activities in Cavite and produces significant amount of palay annually. As of 2010, a total of 15,347.46 hectares of land were planted with rice registering a production of 63,584.26 metric tons. A total of 61,389.96 metric tons were harvested from irrigated areas while there is a total harvest of 969.77 metric tons from rainfed areas and 1,224.53 metric tons are from upland areas. The municipality of Gen. Trias ranks first producing 14,572.80 metric tons, followed by Naic at 13,445.06 metric tons and Maragondon with 8,817.97 metric tons. As indicated, irrigated plantation has the widest area with 14,541.57 hectares while rainfed area is lower than those from upland rice farming by 259.75 hectares. Farmers who are being served totalled to 8,115 (Table 6.4).

Table 6.4. Rice Production by City/Municipality, Province of Cavite: 2010

City/Municipality	Irrigated (Hectares)				Rainfed (Hectares)				Upland (Hectares)				Total			
	Area Planted	Area Harvested	Production (Metric Tons)	Farmers Served (Number)	Area Planted	Area Harvested	Production (Metric Tons)	Farmers Served (Number)	Area Planted	Area Harvested	Production (Metric Tons)	Farmers Served (Number)	Area Planted	Area Harvested	Production (Metric Tons)	Farmers Served (Number)
District I	281.50	281.50	1,251.10	155									281.50	281.50	1,251.10	155
Kawit	242.00	242.00	1,093.10	138									242.00	242.00	1,093.10	138
Noveleta	39.50	39.50	158.00	17									39.50	39.50	158.00	17
District II	216.00	216.00	766.70	123	2.00	2.00	6.00	2					218.00	218.00	772.70	125
Bacoor	216.00	216.00	766.70	123	2.00	2.00	6.00	2					218.00	218.00	772.70	125
District III	1,856.00	1,677.00	6,835.00	637									1,856.00	1,677.00	6,835.00	637
Imus	1,856.00	1,677.00	6,835.00	637									1,856.00	1,677.00	6,835.00	637
District IV	1,401.00	954.00	4,580.50	262	49.00	49.00	122.50	44					1,450.00	1,003.00	4,703.00	306
City of Dasmariñas	1,401.00	954.00	4,580.50	262	49.00	49.00	122.50	44					1,450.00	1,003.00	4,703.00	306
District V	340.00	340.00	1,911.85	136					27.50	27.50	55.00	65	367.50	367.50	1,966.85	201
Carmona	340.00	340.00	1,911.85	136									340.00	340.00	1,911.85	136
Silang									27.50	27.50	55.00	65	27.50	27.50	55.00	65
District VI	5,291.78	5,109.78	22,768.10	2,529	68.85	68.85	305.00	42	24.00	24.00	48.00	47	5,384.63	5,202.63	23,121.10	2,618
Trece Martires City					2.00	2.00	5.00	4	24.00	24.00	48.00	47	26.00	26.00	53.00	51
Gen. Trias	3,139.78	3,139.78	14,272.80	1,794	66.85	66.85	300.00	38					3,206.63	3,206.63	14,572.80	1,832
Tanza	2,152.00	1,970.00	8,495.30	735									2,152.00	1,970.00	8,495.30	735
District VII	5,155.29	4,867.85	23,276.71	3,349	153.22	153.22	536.27	135	481.32	476.32	1,121.53	589	5,789.83	5,497.39	24,934.51	4,073
Alfonso									5.95	5.95	8.93	12	5.95	5.95	8.93	12
Gen. Aguinaldo									55.00	50.00	100.00	75	55.00	50.00	100.00	75
Indang									6.65	6.65	13.30	26	6.65	6.65	13.30	26
Magallanes									70.00	70.00	140.00	100	70.00	70.00	140.00	100
Maragondon	1,835.29	1,618.02	7,422.40	1,220	153.22	153.22	536.27	135	343.72	343.72	859.30	376	2,332.23	2,114.96	8,817.97	1,731
Naic	2,800.00	2,743.83	13,445.06	1,840									2,800.00	2,743.83	13,445.06	1,840
Ternate	520.00	506.00	2,409.25	289									520.00	506.00	2,409.25	289
GRAND TOTAL	14,541.57	13,446.13	61,389.96	7,191	273.07	273.07	969.77	223	532.82	527.82	1,224.53	701	15,347.46	14,247.02	63,584.26	8,115

Source: Office of the Provincial Agriculturist, Trece Martires City



Corn

Corn is being planted in the province primarily as processed food raw material or as component of animal feeds. Yellow and green corn production is presented in Table 6.5. Records show that the 1,162.49 hectares area had a total of 4,244.54 metric tons of corn produce for 2010 by which 35.11 percent or 1,490.37 metric tons come from District V, 1,168.00 metric tons or 27.52% from District IV, 26.24% or 1,113.77 metric tons from District VII. It is presented that the top producers of corn are the municipality of Silang with 1,344.92 metric tons and the city of Dasmariñas having 1,168.00 metric tons.



Table 6.5. Corn (Yellow & Green) Production by City/Municipality, Province of Cavite: 2010

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District I	1.00	1.00	6.00	2
Kawit	1.00	1.00	6.00	2
District IV	331.00	331.00	1,168.00	360
City of Dasmariñas	331.00	331.00	1,168.00	360
District V	442.11	361.85	1,490.37	764
Carmona	22.00	22.00	80.00	49
Gen. M. Alvarez	21.50	16.50	65.45	68
Silang	398.61	323.35	1,344.92	647
District VI	129.70	129.70	466.40	242
Trece Martires City	70.00	70.00	170.00	154
Amadeo	5.00	5.00	22.50	10
Gen. Trias	54.70	54.70	273.90	78
District VII	361.90	338.94	1,113.77	708
Alfonso	50.40	32.44	111.39	115
Gen. Aguinaldo	63.00	58.00	129.00	127
Indang	14.50	14.50	75.50	34
Magallanes	70.00	70.00	330.00	87
Maragondon	160.50	160.50	450.88	334
Naic	3.50	3.50	17.00	11
GRAND TOTAL	1,265.71	1,162.49	4,244.54	2,076

Source: Office of the Provincial Agriculturist, Trece Martires City

Vegetables

Promotion of the vegetable industry in the province is very dynamic towards its objective of food sufficiency. Vegetable production which includes leafy, fruit, legumes, root and bulb vegetables registered a total volume of 23,181.99 metric tons. It is noted that out of 2,148.74 hectares planted with these crop, 841.02 hectares are in District VII worked by 7,422 farmers with 10,661.18 metric tons produce; District VI having 532.30 hectares with 2,180 farmers; 361.25 hectares with 5,221 farmers are from District V; District IV with 224.62 hectares and 118.78 hectares are from District III. The least planted areas are from District II and District I with 38.73 hectares and 32.04 hectares, respectively. As indicated, the top vegetable-producing municipalities in the province are Alfonso, Silang, Magallanes, Imus, Tanza and the city of Dasmariñas (Table 6.6).



Table 6.6. Vegetable Production by City/Municipality, Province of Cavite: 2010

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District I	32.04	30.94	234.48	339
Kawit	9.45	10.00	92.10	112
Noveleta	11.09	9.44	71.88	64
Rosario	11.50	11.50	70.50	163
District II	38.73	38.23	187.12	175
Bacoor	38.73	38.23	187.12	175
District III	118.78	141.61	1,300.51	1,137
Imus	118.78	141.61	1,300.51	1,137
District IV	224.62	219.32	2,530.12	718
City of Dasmariñas	224.62	219.32	2,530.12	718
District V	361.25	356.25	3,451.14	5,221
Carmona	20.40	20.41	228.47	128
Gen. M. Alvarez	10.85	10.85	101.20	177
Silang	330.00	324.99	3,121.47	4,916
District VI	532.30	371.01	4,817.44	2,180
Trece Martires City	138.83	137.98	1,518.98	933
Amadeo	32.25	32.25	443.00	181
Gen. Trias	95.82	91.85	1,191.27	402
Tanza	265.40	108.93	1,664.19	664

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District VII	841.02	822.71	10,661.18	7,422
Tagaytay City	61.53	61.53	922.59	1,298
Alfonso	407.74	407.74	5,638.78	1,966
Gen. Aguinaldo	79.26	71.45	656.10	2,319
Indang	46.72	42.82	489.46	441
Magallanes	132.00	131.00	1,668.50	282
Maragondon	36.48	25.30	207.64	365
Mendez	41.55	41.55	560.68	547
Naic	27.60	27.60	320.05	80
Ternate	8.14	13.72	197.38	124
GRAND TOTAL	2,148.74	1,980.07	23,181.99	17,192

Source: Office of the Provincial Agriculturist, Trece Martires City

Root Crops

Root crops are also being produced in Cavite and these include gabi, ube, camote and cassava. Root crops which are planted in 842.15 hectares of land registered its production volume of 11,204.44 metric tons in 2010. The municipality of Alfonso ranks first with 2,992.05 metric tons followed by Silang with 2,470.59 metric tons, Indang with 1,647 metric tons and Gen. Aguinaldo with 1,035.50 metric tons (Table 6.7).



Table 6.7. Rootcrops Production by City/Municipality, Province of Cavite: 2010

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District II	1.00	1.00	10.00	2
Bacoar	1.00	1.00	10.00	2
District III	0.40	0.40	5.90	2
Imus	0.40	0.40	5.90	2
District IV	15.00	15.00	95.00	67
City of Dasmariñas	15.00	15.00	95.00	67
District V	197.15	189.02	2,669.59	1,122
Carmona	4.50	2.00	34.00	6
Gen. M. Alvarez	11.00	11.00	165.00	45
Silang	181.65	176.02	2,470.59	1,071

City/Municipality	Area Planted	Area Harvested	Production	Farmers Served
District VI	85.55	83.05	1,246.45	243
Trece Martires City	44.95	44.95	673.75	144
Amadeo	36.00	36.00	540.00	85
Gen. Trias	4.60	2.10	32.70	14
District VII	543.05	510.20	7,177.50	2,392
Tagaytay City	52.85	52.85	792.75	264
Alfonso	211.65	211.65	2,992.05	699
Gen. Aguinaldo	70.60	69.50	1,035.50	592
Indang	109.80	109.80	1,647.00	356
Magallanes	17.00	17.00	240.00	41
Maragondon	63.15	33.40	254.20	157
Mendez	11.00	11.00	165.00	270
Naic	4.00	4.00	36.00	8
Ternate	3.00	1.00	15.00	5
GRAND TOTAL	842.15	798.67	11,204.44	3,828

Source: Office of the Provincial Agriculturist, Trece Martires City

INDUSTRIAL/COMMERCIAL CROPS

Coconut

One of the biggest cash crops of Cavite is its vast coconut plantations. The province is producing enough coconuts to produce coconut based products for provincial consumption. Given the natural innovativeness of Caviteños, coconuts are being utilized for diverse food and non-food Cavite products. This marvellous tree is being utilized for the production of Virgin Coconut Oils, famous Cavite delicacies, home decors, cosmetics, soap, etc. The Philippine Coconut Authority is also visible in the province with their objective to strengthen the coconut industry in Cavite. In 2010, the total area harvested with such crop has reached to 12,230.43 hectares. About 7,940 farmers are working on these agricultural lands to produce a total of 84,363,030 nuts. Based on the record, District VII shows the greatest production with 74,697,024 nuts or 88.54percent of the total pieces of crop. As noted, the major coconut - producing municipalities in the province are Magallanes, Gen. Aguinaldo, Indang, Silang, Alfonso and Maragondon (Table 6.8).



Table 6.8. Coconut Production by City/Municipality, Province of Cavite: 2010

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (pcs.)	Farmers Served (Number)
District V	1,576.45	1,196.11	8,395,553	1,942
Silang	1,576.45	1,196.11	8,395,553	1,942
District VI	346.96	211.43	1,270,453	214
Trece Martires City	129.42	86.34	670,985	97
Amadeo	164.04	95.84	431,280	92
Gen. Trias	53.50	29.25	168,188	25
District VII	10,307.02	8,823.39	74,697,024	5,784
Alfonso	1,150.78	863.19	5,882,972	779
Gen. Aguinaldo	2,606.04	2,335.36	21,929,030	1,432
Indang	2,850.10	2,350.52	19,274,264	1,880
Magallanes	3,252.63	2,901.78	25,148,760	1,376
Maragondon	307.10	261.02	1,896,745	135
Mendez	95.67	88.02	467,973	176
Naic	19.10	7.10	28,400	3
Ternate	25.60	16.40	68,880	3
GRAND TOTAL	12,230.43	10,230.93	84,363,030	7,940

Source: Philippine Coconut Authority, Indang, Cavite

Coffee

Coffee is the provincial One Town One Product (OTOP) of Cavite. The province is known to be one of the top producers of coffee in the country and also the best tasting ones. The provincial government is also exerting effort to revive the coffee industry in the province through its Coffee Revitalization Program. As shown in Table 6.9, the total area harvested to coffee is 9,187.39 hectares registering production volume of 8,317.77 metric tons. About 7,692 farmers have been working in these agricultural lands of which 5,148 of them have been engaged on maintaining the coffee farms of District VII while 1,207 and 1,337 farmers maintained the agricultural lands in District VI and District V, respectively. The municipality of Amadeo, having the widest area planted has the highest production comprising 3,800.00 metric tons followed by Silang with 1,162 metric tons. The other top coffee-producing municipalities of the province are Alfonso, Indang, Mendez, Tagaytay City and General Aguinaldo.



Table 6.9. Coffee Production by City/Municipality, Province of Cavite: 2010

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District V	1,455.00	1,452.50	1,162.00	1,337
Silang	1,455.00	1,452.50	1,162.00	1,337
District VI	3,967.00	3,817.00	3,816.75	1,207
Trece Martires City	6.00	2.00	1.75	20
Amadeo	3,913.00	3,800.00	3,800.00	1,155
Gen. Trias	48.00	15.00	15.00	32
District VII	3,993.96	3,917.89	3,339.02	5,148
Tagaytay City	559.85	559.85	520.32	626
Alfonso	1,250.00	1,250.00	849.52	1,751
Gen. Aguinaldo	426.00	374.30	374.30	891
Indang	763.43	763.43	763.43	625
Magallanes	138.00	115.00	84.00	100
Maragondon	81.68	81.68	60.80	160
Mendez	775.00	773.63	686.65	995
GRAND TOTAL	9,415.96	9,187.39	8,317.77	7,692

Source: Office of the Provincial Agriculturist, Trece Martires City

Banana

Cavite produces diverse local varieties of bananas. Banana production is also a major division of crop production in Cavite. In 2010, the total harvested area for banana is noted at 2,383.19 hectares. The total volume of production of said crop reaches up to 21,320.15 metric tons by which 13,629.44 metric tons or 63.93 percent are being produced in District VII while 21.00 percent or 4,476.60 metric tons in District VI. Moreover, District IV and District V produce 489.20 and 2,709.35 metric tons of these crops respectively. The top banana-producing municipalities in the province are Indang, Amadeo, Gen. Aguinaldo, Maragondon, Magallanes, Silang, and Alfonso (Table 6.10).



Table 6.10. Banana Production by City/Municipality, Province of Cavite: 2010

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District II	1.95	1.95	15.56	18
Bacoor	1.95	1.95	15.56	18
District IV	45.70	45.70	489.20	105
City of Dasmariñas	45.70	45.70	489.20	105
District V	380.13	350.85	2,709.35	1,524
Carmona	23.00	23.00	199.57	69
Gen. M. Alvarez	16.00	16.00	136.80	80
Silang	341.13	311.85	2,372.98	1,375
District VI	556.25	555.25	4,476.60	849
Trece Martires City	58.25	58.25	536.70	85
Amadeo	455.00	455.00	3,640.00	690
Gen. Trias	43.00	42.00	299.90	74
District VII	1,503.23	1,429.44	13,629.44	5,585
Tagaytay City	66.05	66.05	559.17	802
Alfonso	245.40	245.40	2,096.85	859
Gen. Aguinaldo	251.50	237.00	3,148.00	1,065
Indang	406.75	406.75	3,725.00	515
Magallanes	181.00	129.00	1,508.00	207
Maragondon	236.53	229.24	1,714.92	257
Mendez	79.00	79.00	646.00	1,799
Naic	3.00	3.00	3.00	6
Ternate	34.00	34.00	228.50	75
GRAND TOTAL	2,487.26	2,383.19	21,320.15	8,081

Source: Office of the Provincial Agriculturist, Trece Martires City

Pineapple

Cavite is known to its famous sweet pineapples. These are very sweet, medium sized pineapples which Silang Cavite is well-known for. These are the same pineapple variety that Tagaytay City streets are lined with and are very saleable to tourists. The exotic pineapple variety was proven to be extra sweet and is considered to be a must-buy among tourists. Cavite is also producing other varieties of pineapple and is considered one of the commercially important crops in the province since it has helped increase the income of most municipalities in the province like Silang, Tagaytay City, Indang and Alfonso, its major producers.



Based on the 2010 record, the total volume of production of pineapples in the province is about 30,046.98 metric tons. These come from the harvested lands of 1,214.10 hectares wide maintained by a total of 1,929 farmers (Table 6.11).

Table 6.11. Pineapple Production by City/Municipality, Province of Cavite: 2010

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District IV	45.00	45.00	925.00	55
City of Dasmariñas	45.00	45.00	925.00	55
District V	816.27	813.27	20,264.25	776
Carmona	3.00	3.00		
Silang	813.27	810.27	20,264.25	776
District VI	35.90	35.90	897.50	38
Trece Martires City	11.90	11.90	297.50	13
Amadeo	24.00	24.00	600.00	25
District VII	507.11	319.93	7,960.23	1,060
Tagaytay City	287.01	104.08	2,601.88	580
Alfonso	75.40	75.40	1,849.60	166
Gen. Aguinaldo	4.00	3.75	93.75	35
Indang	103.20	103.20	2,580.00	170
Magallanes	0.50	0.50	10.00	1
Maragondon	4.00			5
Mendez	33.00	33.00	825.00	103
GRAND TOTAL	1,404.28	1,214.10	30,046.98	1,929

Source: Office of the Provincial Agriculturist, Trece Martires City

Mango

Mangoes in Cavite are composed of the local varieties such as Carabao, Pico, Sapadera and Indian. As recorded in Table 6.12, mango plantations in the province comprise 1,468.02 hectares of which 1,202.22 hectares are harvested or an efficiency of 81.89%. With a total of 3,408 farmers working together in said plantations, 17,951.31 metric tons of said crops are produced in 2010. Leading the highest volume of production of mangoes are Naic having 5,425 metric tons, City of Dasmariñas with 3,804 metric tons, Indang at 2,448.75 metric tons and Maragondon having 1,303.64 metric tons. Cavite has also developed a renowned mango-based product, the Don Roberto's Mango Wine (Table 6.12).



Table 6.12. Mango Production by City/Municipality, Province of Cavite: 2010

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District I	8.00	2.00	30.00	25
Kawit	8.00	2.00	30.00	25
District II	0.10			6
Bacoor	0.10			6
District III	105.00	105.00	897.00	252
Imus	105.00	105.00	897.00	252
District IV	200.40	200.40	3,804.00	85
City of Dasmariñas	200.40	200.40	3,804.00	85
District V	69.67	60.39	919.50	508
Carmona	11.00	7.75	119.45	61
Gen. M. Alvarez	10.70	9.60	155.20	46
Silang	47.97	43.04	644.85	401
District VI	207.45	109.51	1,986.25	252
Trece Martires City	69.70	53.26	1,045.50	92
Amadeo	13.75	13.75	206.25	31
Gen. Trias	105.50	24.00	520.00	68
Tanza	18.50	18.50	214.50	61
District VII	877.40	724.92	10,314.56	2,280
Alfonso	55.90	55.90	718.42	441
Gen. Aguinaldo	71.00	12.00	180.00	1,129
Indang	163.25	163.25	2,448.75	85
Magallanes	14.00	11.00	85.00	70
Maragondon	142.50	113.27	1,303.64	385
Naic	420.00	360.00	5,425.00	129
Ternate	10.75	9.50	153.75	41
GRAND TOTAL	1,468.02	1,202.22	17,951.31	3,408

Source: Office of the Provincial Agriculturist, Trece Martires City



Papaya

It is only recent that Caviteños ventured into structured papaya plantation. Before, farmers grow papaya trees in their home backyards and in wider farmlands along with other crops. Since it is considered as profitable enterprise used in cosmetics, food preparations and the like, many are now engaged into papaya plantations. The province's 2010 total volume of production totalled to 3,699.70 metric tons by which 1,800.65 or 48.67 percent comes from District VII, 1,301.05 metric tons or 35.17 percent was

registered from District V while 571.50 metric tons and 26.50 metric tons are from District VI and District IV, respectively. Silang tops for producing the said crop, followed by Alfonso and Indang. Area harvested is 258.31 hectares maintained by 1,792 farmers (Table 6.13).

Table 6.13. Papaya Production by City/Municipality, Province of Cavite: 2010

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District IV	2.20	2.20	26.50	20
City of Dasmariñas	2.20	2.20	26.50	20
District V	109.25	103.87	1,301.05	486
Silang	109.25	103.87	1,301.05	486
District VI	56.10	38.10	571.50	154
Trece Martires City	8.10	8.10	121.50	50
Amadeo	30.00	30.00	450.00	100
Gen. Trias	18.00			4
District VII	117.39	114.14	1,800.65	1,132
Tagaytay City	13.84	13.84	207.60	176
Alfonso	36.50	36.50	538.30	238
Gen. Aguinaldo	15.00	14.00	210.00	257
Indang	34.55	34.55	518.25	156
Magallanes	5.00	5.00	200.00	4
Maragondon	5.00	3.00	15.00	35
Mendez	6.00	6.00	92.00	250
Ternate	1.50	1.25	19.50	16
GRAND TOTAL	284.94	258.31	3,699.70	1,792

Source: Office of the Provincial Agriculturist, Trece Martires City

Peanut

The province also produces peanuts which are processed into its popular confections which include salted peanuts, peanut butter (sandwiches, candy bars, and cups), peanut brittle, and shelled nuts (plain/roasted). Productions of these nuts in the province are marketed in significant quantities.

Peanut production in the province has reached to 324.91 metric tons in 2010 which are harvested from 69.60 hectares of land. City of Dasmariñas, with 238.40 metric tons has the highest record of production of said crop in the province. As shown in Table 6.14, about 175 farmers have been benefited through these crops.



Table 6.14. Peanut Production by City/Municipality, Province of Cavite: 2010

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District IV	25.50	25.50	238.40	50
City of Dasmariñas	25.50	25.50	238.40	50
District VI	25.00	25.00	33.10	58
Trece Martires City	22.00	22.00	28.60	50
Amadeo	3.00	3.00	4.50	8
District VII	19.10	19.10	53.41	67
Indang	5.70	5.70	7.41	23
Magallanes	5.00	5.00	25.00	10
Maragondon	8.40	8.40	21.00	34
GRAND TOTAL	69.60	69.60	324.91	175

Source: Office of the Provincial Agriculturist, Trece Martires City

Sugarcane

The municipality of Magallanes is aggressively engaging into sugarcane farming. Sugarcane is being processed to produce white and brown sugar, and alcohol, as well. In 2010, area harvested in Cavite for this crop totalled to 1,422 hectares worked by 369 farmers. The total volume of production registered at 83,070 metric tons wherein 82,900 metric tons comes from District VII and 170 metric tons are from District IV. The municipality of Magallanes, having the widest area produces 91.49% of the total volume of production or 76,000 metric tons. Majority of the produce are being brought to sugar production plant. Other producers of sugarcane in the province are City of Dasmariñas and municipality of Maragondon (Table 6.15).



Table 6.15. Sugarcane Production by City/Municipality, Province of Cavite: 2010

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District IV	70.00	35.00	170.00	23
City of Dasmariñas	70.00	35.00	170.00	23
District VII	2,071.00	1,387.00	82,900.00	346
Magallanes	1,800.00	1,250.00	76,000.00	260
Maragondon	271.00	137.00	6,900.00	86
GRAND TOTAL	2,141.00	1,422.00	83,070.00	369

Source: Office of the Provincial Agriculturist, Trece Martires City

Black Pepper

Black pepper, a necessity at every Filipino kitchen, known locally as “paminta”, is used extensively by food manufacturers as a seasoning agent in the preparation of both exquisite and everyday dishes. Being a tropical plant, it can be grown profitably in many areas where the soil is well-drained and fertile. Table 6.16 shows the volume of production which reaches to 362.83 metric tons wherein 298.53 metric tons is recorded to be at District VII, 41.20 metric tons in District V and 23.10 metric tons in District VI. These come from the harvested land area of 366.45 hectares which is maintained by 1,471 farmers.



Table 6.16. Black Pepper Production by City/Municipality, Province of Cavite: 2010

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District V	37.45	37.45	41.20	212
Silang	37.45	37.45	41.20	212
District VI	21.00	21.00	23.10	25
Amadeo	21.00	21.00	23.10	25
District VII	311.03	308.00	298.53	1,234
Tagaytay City	7.96	7.96	8.76	104
Alfonso	101.25	101.25	90.55	403
Gen. Aguinaldo	178.00	175.00	175.00	591
Indang	3.65	3.65	4.02	76
Magallanes	20.00	20.00	20.00	50
Maragondon	0.17	0.14	0.20	10
GRAND TOTAL	369.48	366.45	362.83	1,471

Source: Office of the Provincial Agriculturist, Trece Martires City

Other Fruit Trees

There are also minimal productions of other fruit trees which include jackfruit, guavano, santol, rambutan, avocado, lanzones, citrus and other fruits which are planted over 2,212.72 hectares of land in the province. The harvested area is 1,998.30 hectares gaining a total volume of production of 18,204.31 metric tons by which District VII ranks first having 15,331.89 metric tons (Table 6.17).

Table 6.17. Other Fruit Trees Production by City/Municipality, Province of Cavite: 2010

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District I	0.50			8
Kawit	0.50			8
District IV	1.10	1.10	3.00	10
City of Dasmariñas	1.10	1.10	3.00	10
District V	266.52	251.69	1,962.97	2,099
Gen. M. Alvarez	2.20	2.20	25.40	30
Silang	264.32	249.49	1,937.57	2,069
District VI	145.78	108.25	906.45	232
Trece Martires City	24.90	22.00	217.20	99
Amadeo	88.00	86.00	688.00	79
Gen. Trias	32.88	0.25	1.25	54
District VII	1,798.82	1,637.26	15,331.89	6,849
Tagaytay City	31.17	27.07	247.79	413
Alfonso	731.65	630.15	5,768.98	1,924
Gen. Aguinaldo	143.55	109.65	931.20	2,308
Indang	665.95	665.95	5,961.36	766
Magallanes	115.00	93.00	1,104.00	295
Mendez	107.00	107.00	1,283.50	1,130
Naic	1.50	1.50	13.00	6
Ternate	3.00	2.94	22.06	7
GRAND TOTAL	2,212.72	1,998.30	18,204.31	9,198

Source: Office of the Provincial Agriculturist, Trece Martires City

Other Fruits

Other fruits which are planted in 100.56 hectares of agricultural land in the province are muskmelon and watermelon. Almost 80.30 percent or 770.20 metric tons of these fruits are produced in District VI and 187.50 metric tons or 19.56% are in District III. As presented in Table 6.18, Tanza gains the greatest volume of production with 610.00 metric tons followed by Imus and Gen. Trias with 187.50 metric tons and 160.20 metric tons, respectively (Table 6.18).



Table 6.18. Other Fruits Production by City/Municipality, Province of Cavite: 2010

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District II	0.10	0.10	1.50	1
Bacoor	0.10	0.10	1.50	1
District III	10.00	10.00	187.50	4
Imus	10.00	10.00	187.50	4
District VI	90.46	41.81	770.20	60
Gen. Trias	13.11	8.81	160.20	6
Tanza	77.35	33.00	610.00	54
GRAND TOTAL	100.56	51.91	959.20	65

Source: Office of the Provincial Agriculturist, Trece Martires City

Dragon Fruit

The Pitaya or commonly known as Dragon fruit belongs to the Family Cactaceae under the genus Hylocereus and Selenicereus. It is a native plant from Mexico, Central and South America. It is an extremely beautiful fruit that has dazzling flowers and an intense shape and color. The dragon fruit is usually dark red in color, although some types of this fruit are pink or yellow. The skin of the dragon fruit is a thin rind. The skin is usually covered with scales, and the center of the fruit is made up of a red or white, sweet tasting pulp. It can be taken as fruit, flower, vegetable, health product and medicine as well, called "priceless treasure".



They are one of the most widely distributed members of the family, and are now found in six continents. This vine-like epiphytic cactus is also cultivated in Southeast Asian countries such as Malaysia, Vietnam, Taiwan, Thailand, and the Southeast Coast of China.

Dragon fruit was introduced in the Philippines in the 1900's through trading and exchange of goods by the Spaniards and the Filipinos. Because of its production and economic importance, this fruit showed competitive advantage for the local fruit industry.

Recently, dragon fruit has become a popular commodity in the Philippines particularly among farmers in Cavite because of its commercial value. (www.filipino-entrepreneur.com)

Dragon fruit is among the most nutritious and wonderful exotic fruits which originate from the dragon fruit cactus plant. Being a tropical fruit, this is gaining prominence in the fruit industry in the province. Table 6.19 shows that the municipalities of Indang and Magallanes having 17.50 hectares planted and harvested, concentrate on producing this crop, and register a total production volume of 175.00 metric tons in 2010. This is being managed and maintained by 20 farmers.

Table 6.19. Dragon Fruit Production by City/Municipality, Province of Cavite: 2010

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District VII	17.50	17.50	175.00	20
Indang	16.50	16.50	165.00	17
Magallanes	1.00	1.00	10.00	3
GRAND TOTAL	17.50	17.50	175.00	20

Source: Office of the Provincial Agriculturist, Trece Martires City

Cut Flowers, Ornamentals and Sampaguita

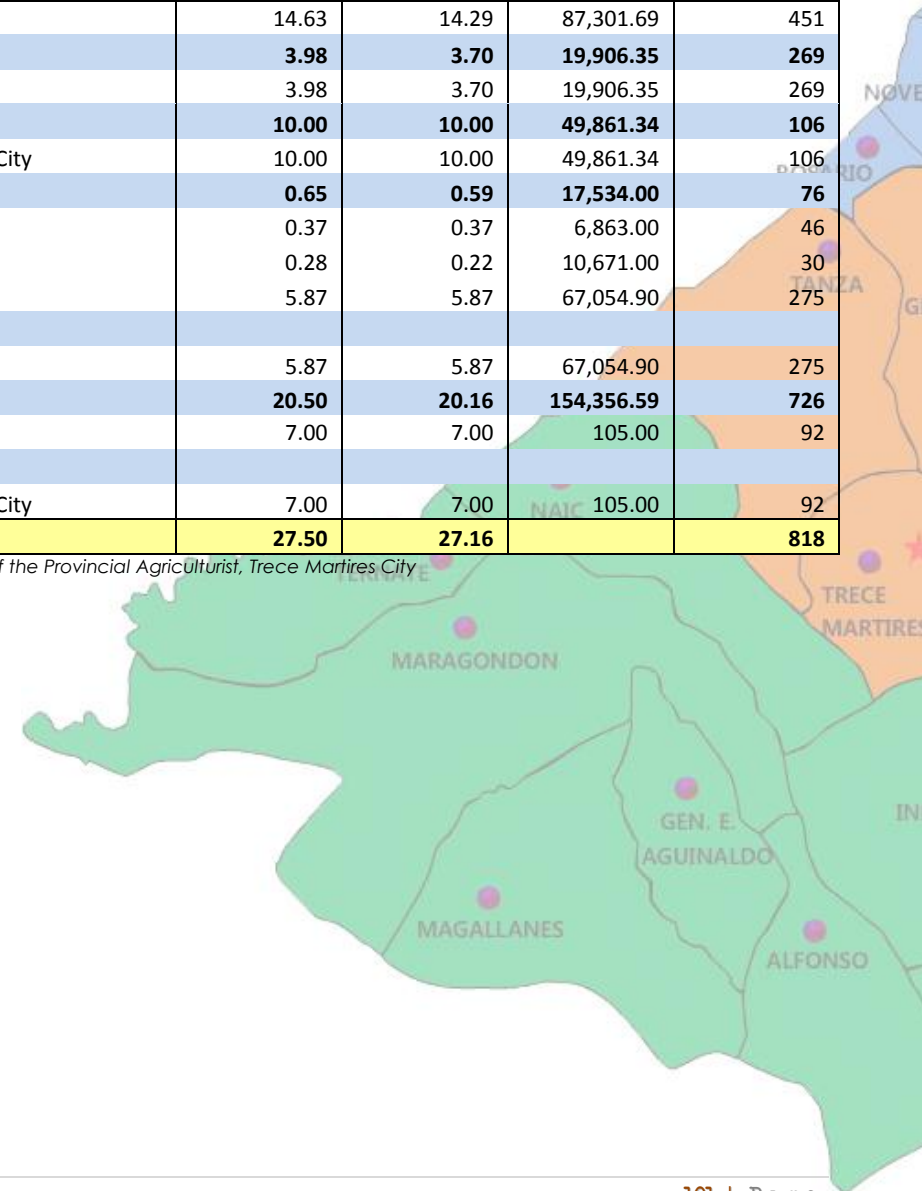
Cut flowers and ornamentals are generally grown in Districts V, VI and VII while Sampaguita are mostly in Trece Martires City. With a total area planted of 27.50 hectares, 14.63 hectares or 53.20 percent are planted with cut flowers, 21.35 percent or 5.87 hectares with ornamentals while 7 hectares or 25.46 percent are planted with Sampaguita. The volume of production of cut flowers and ornamentals totalled to 154,356.59 dozens by which 87,301.69 dozens are cut flowers with 451 farmers and 67,054.90 dozens are ornamentals maintained by 275 farmers. Meanwhile, Sampaguita registered a total of 105.00 metric tons production harvested at 7 hectares of land (Table 6.20).



Table 6.20. Cut Flowers, Ornamentals and Sampaguita Production by City/Municipality, Province of Cavite: 2010

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Dozens)	Farmers Served (Number)
Cut Flowers	14.63	14.29	87,301.69	451
District V	3.98	3.70	19,906.35	269
Silang	3.98	3.70	19,906.35	269
District VI	10.00	10.00	49,861.34	106
Trece Martires City	10.00	10.00	49,861.34	106
District VII	0.65	0.59	17,534.00	76
Alfonso	0.37	0.37	6,863.00	46
Gen. Aguinaldo	0.28	0.22	10,671.00	30
Ornamentals	5.87	5.87	67,054.90	275
District V				
Silang	5.87	5.87	67,054.90	275
TOTAL	20.50	20.16	154,356.59	726
Sampaguita*	7.00	7.00	105.00	92
District VI				
Trece Martires City	7.00	7.00	105.00	92
GRAND TOTAL	27.50	27.16		818

Source: Office of the Provincial Agriculturist, Trece Martires City



AGRICULTURAL SUPPORT FACILITIES

Post-harvest and agricultural support facilities for farming are essential to achieve utmost productivity and efficiency in the agricultural sector. The chain does not finish after harvesting but the manner of getting the produce available to its targeted consumers should be considered. Post-harvest facilities ranges from rice mills, coffee mill/depulper, corn mills, threshers, warehouses/dryers, tractors and others. Details of these facilities are shown in Table 6.21

Table 6.21. Agricultural Support/Post Harvest Facilities by City/Municipality, Province of Cavite: 2010

City/Municipality	Rice Mill		Coffee Mill/ Depulper		Cornmill	Thresher		Warehouse/ Dryer		Tractor		Others	
	No.	Capacity	No.	Capacity	No.	No.	Capacity	No.	Capacity	No.	Capacity	No.	Capacity
District I													
Noveleta	1	2000								7			
District II													
Bacoor	1					6	150/day	1	250 cav.	26	2 ha/day	46	water pump
District III													
Imus	10	500 cav.				33	100-200 cav/day.	1 4	Warehouse 500-1000 cav Dryer 500-1000 cav	24	1-2 ha/day	1 2	shredder (5MT/hr) Composter (1.5 MT/heading)
District IV													
City of Dasmariñas	3	10-30 cav/day				18		3		36		4	Irrigation pump
District V													
Carmona	1	500 cav/day				6	600 kg/hr			20	6.8 Hp		27
Gen. M. Alvarez								3	200 bags				3
Silang	1		13		3			25	84,500 kg.	6			48
District VI													
Trece Martires City	1	1 Hp								2	2 hp/26 hp		
Amadeo			13	100-400 cans/day				2	2,500 kilos	2	25Hp		
Gen. Trias	7	10 cav/day	1	2 cav/hr.		90	80 cav/day	4	2000 cav.	1	1 ha/day	4	dryer/sprayer
Tanza	1	(dukdok)				37		10	5000 bags/day	221		11	STW
	13	5-35 bg/hr						2	200 bags/day			13	MPDP
District VII													
Tagaytay City			6	200 cans				3	5,000 bags				
Alfonso	1		1							3	10 hp/20 hp		
Gen. Aguinaldo	4		1		2			2					
Indang													
Magallanes	11	5 kg./min.	11	2 kg./min.				2	100 cavans	4	1-3 ha./day	3	1t/day
Maragondon	10	10 cav/hr.				30	7-8 Hp			10			
Mendez			6	170 cav/hr.				3	dryer 12 cav/hr	100			
Naic	21	50 cav/day				30	30 cav/hr						

Source: Office of the Provincial Agriculturist, Trece Martires City

FISHERIES

A portion of the province of Cavite is comprised of coastal municipalities/city. The total Cavite shoreline has an approximate length of 122.574 kilometers stretching along Cavite City and 8 municipalities namely Bacoor, Kawit, Noveleta, Rosario, Tanza, Naic, Maragondon, and Ternate. With the coastal population of 331,107, about 4.49 percent of them or 14,879 are considered fisherfolks, whose livelihood mainly depends on fishing. As indicated, District I has the most numerous fishermen with a total of 7,589 followed by District VII registering a total of 3,784 fisherfolks while Tanza and Bacoor have 1,750 and 1,756 fisherfolks, respectively (Table 6.22).

Table 6.22. Coastal Demography by City/Municipality, Province of Cavite: 2010

City/Municipality	Number of Coastal Barangays	Coastal Population	Number of Fishermen
District I	55	148,720	7,589
Cavite City	35	48,938	2,696
Kawit	8	32,322	1,047
Noveleta	2	4,000	240
Rosario	10	63,460	3,606
District II	10	53,146	1,756
Bacoor	10	53,146	1,756
District VI	13	70,711	1,750
Tanza	13	70,711	1,750
District VII	20	58,530	3,784
Maragondon	1	2,535	400
Naic	11	41,027	3,050
Ternate	8	14,968	334
GRAND TOTAL	98	331,107	14,879

Source: Office of the Provincial Agriculturist, Trece Martires City

There are three fishing grounds in Cavite. These are the Manila Bay, Bacoor Bay and Cañacao Bay. As indicated in Table 6.23, the ten (10) municipal fishlanding areas are located in Bacoor, Tanza, Cavite City and Naic while Pandawan Fish Port is the only commercial landing area in Cavite located at Rosario.

COMMERCIAL FISHERIES

Fishing activities in the province is classified into two, commercial and municipal. Commercial fishing is the activity of capturing fish and other seafood for commercial profit, mostly from wild

fisheries. It provides a large quantity of food to the province's constituents and to the buyers/traders from the neighboring towns and provinces, as well. Simply, it is a good source of income for most of the fishers. Commercial fishing vessels (CFV) have totalled to 403 as 3,019 fishermen use bagnet, purse seine, danish seine, trawl, gillnet, and others. As shown in Table 6.24, the total annual production of fish in the province reaches to 6,126.34 metric tons in 2010.

MUNICIPAL FISHERIES

Fishing in the province is mainly carried out through the use of motorized and non-motorized bancas (boats). Table 6.25 shows that there are about 4,494 fishing bancas which are being used and operated by 12,935 fishermen. Along with bancas are various fishing gears which the fisherfolks use to produce 8,248.84 metric tons of marine foods throughout the period. The municipality of Rosario ranks first with 2,025.90 metric tons followed by Tanza with 1,980.78 metric tons and Bacoor with 1,098.00 metric tons.

Table 6.23. Municipal and Commercial Fishlanding Areas, Province of Cavite: 2010

City/Municipality	Municipal Landing Areas	Commercial Landing Areas
District I		
Cavite City	Bgy. 10-B Bgy. 11 Bgy. 30 Bgy. 48	
Rosario		Pandawan
District II		
Bacoor	Sineguelasan	
District VI		
Tanza	Fish Terminal - Julugan I	
District VII		
Naic	Munting Mapino, Labac Bucana Malaki, Fishport Bancaan	

Source: Office of the Provincial Agriculturist, Trece Martires City

Table 6.24. Commercial Fishing Vessels (CFVs), Types of Fishing Gears Used, Number of Fishermen and Annual Production, Province of Cavite: 2010

City/Municipality	Type of Gear Used	Number of Commercial Fishing Vessel	Gross Tonnage	Number of Fisherman	Annual Production (Metric Tons)
District I		171		1,944	2,403.78
Kawit		15	3.00	404	101.20
Noveleta	gillnet, ring net pangulong	108	3 below	240	100.58
Rosario	Bagnet purse seine danish seine	48	3.1 above	1,300	2,202.00
District VI		46		482	1,749.60
Tanza	Trawl Purse seine Hook & Line	46	3.1 & above	482	1,749.60
District VII		186		593	1,972.96
Maragondon	Trawl gillnet, drive net, long line, ring net	120	3 above	443	151.36
Naic	long line	20	3 above	150	72.00
Ternate		46			1,749.60
GRAND TOTAL		403		3,019	6,126.34

Source: Office of the Provincial Agriculturist, Trece Martires City

Table 6.25. Total Number of Municipal Fishing Boats by City/Municipality, Province of Cavite: 2010

City/Municipality	Number of Fishing Banca			Number of Fisherman			Production (Metric Tons)			Fishing Method/Gear Used
	Motorized	Non-Motorized	Total	Full Time	Part time	Total	Motorized	Non-Motorized	Total	
District I	1,593	418	2,011	8,336	273	8,609	3,550.40	140.55	3,690.95	
Cavite City	480	243	723	2,696		2,696	709.70	63.78	773.48	gillnet, se long line, H & L, KitangBintol
Kawit	207	60	267	1,899	168	2,067	765.60	32.89	798.49	gillnet, hook and line
Noveleta	31	77	108	240		240	60.60	32.48	93.08	gillnet, ring net, pangulong
Rosario	875	38	913	3,501	105	3,606	2,014.50	11.40	2,025.90	Bagnet, gillnet, pangulong
District II	682	200	882	449	157	606	1,020.00	78.00	1,098.00	
Bacoar	682	200	882	449	157	606	1,020.00	78.00	1,098.00	gillnet, hook and line
District VI	588	24	612	145	1,123	1,268	1,949.10	31.70	1,980.80	
Tanza	588	24	612	145	1123	1,268	1949.10	31.68	1,980.78	gillnet, hook and line
District VII	764	225	989	1859	593	2,452	1,403.14	75.97	1,479.11	
Maragondon	89	31	120	400	43	443	150.70	10.36	161.06	gillnet, hook and line, Bubo
Naic	553	151	704	1188	508	1,696	929.04	54.36	983.40	gillnet, hook and line, Bubo, purse seine
Ternate	122	43	165	271	42	313	323.40	11.25	334.65	gillnet, hook and line
GRAND TOTAL	3,627	867	4,494	10,789	2,146	12,935	7,922.64	326.20	8,248.84	

Source: Office of the Provincial Agriculturist, Trece Martires City

AQUACULTURE/INLAND FISHERIES

As presented in Table 6.26, the number of people employed in the aquaculture/inland sector is cited at 490 which are engaged in around 504.79 hectares of brackish and freshwater culture of various fishery products. The annual production of bangus is recorded at 369.48 metric tons while sugpo is 91.42 metric tons and Tilapia totals to 348.28 metric tons throughout the year. District I ranks first for having the biggest annual production of said marine foods which is recorded at 577.98 metric tons. It is followed by District II with 98.20 metric tons and District VII with 86.95 metric tons.

Cavite is also known for its oyster and mussel production. From 291.04 hectares of inland fisheries, the province has arrived at 11,737.80 metric tons of oysters and mussels which are maintained by 631 operators. The municipality of Kawit holds the biggest production, having 7,150.98 metric tons or 60.92 percent of the total production followed by Bacoar with 4,423.80 metric tons (Table 6.27).

Table 6.26. Bangus, Sugpo and Tilapia Production by City/Municipality, Province of Cavite: 2010

City/Municipality	Number of Operator			Area (Hectares)			Annual Production (Metric Tons)			
	Brackishwater	Freshwater	Total	Brackishwater	Freshwater	Total	Bangus	Sugpo	Tilapia	Total
District I	132		132	328.65		328.65	221.16	91.42	265.40	577.98
Cavite City	4		4	0.15		0.15	0.16	0.04		0.20
Kawit	107		107	257.00		257.00	221.00	48.48		269.48
Noveleta	21		21	71.50		71.50		42.90	265.40	308.30
District II	44		44	74.85		74.85	98.20			98.20
Bacoar	44		44	74.85		74.85	98.20			98.20
District VI	1	113	114	1.00	14.07	15.07			46.05	46.05
Gen. Trias		53	53		4.47	4.47			15.33	15.33
Tanza	1	60	61	1.00	9.60	10.60			30.72	30.72
District VII	78	122	200	75.10	11.12	86.22	50.12		36.83	86.95
Maragondon		30	30		0.50	0.50			0.62	0.62
Naic	21	84	105	3.10	9.62	12.72	3.62		34.63	38.25
Ternate	57	8	65	72.00	1.00	73.00	46.50		1.58	48.08
GRAND TOTAL	255	235	490	479.60	25.19	504.79	369.48	91.42	348.28	809.18

Source: Office of the Provincial Agriculturist, Trece Martires City

Table 6.27. Oyster and Mussel Production by City/Municipality, Province of Cavite: 2010

City/Municipality	Number of Operator			Area (Hectares)			Production (Metric Tons)		
	Oyster	Mussel	Total	Oyster	Mussel	Total	Oyster	Mussel	Total
District I	72	244	316	179.34	21.05	200.39	6,816.70	362.00	7,178.70
Cavite City	26	153	179	0.13	0.77	0.90	6.72	21.00	27.72
Kawit	46	91	137	179.21	20.28	199.49	6,809.98	341.00	7,150.98
District II	5	74	79	5.00	83.00	88.00	269.20	4,154.60	4,423.80
Bacoar	5	74	79	5.00	83.00	88.00	269.20	4,154.60	4,423.80
District VI	7		7	0.10		0.10	5.00		5.00
Tanza	7		7	0.10		0.10	5.00		5.00
District VII	229		229	2.55		2.55	130.30		130.30
Maragondon	10		10	0.50		0.50	23.80		23.80
Naic	102		102	1.17		1.17	62.70		62.70
Ternate	117		117	0.88		0.88	43.80		43.80
GRAND TOTAL	313	318	631	186.99	104.05	291.04	7,221.20	4,516.60	11,737.80

Source: Office of the Provincial Agriculturist, Trece Martires City

LIVESTOCK AND POULTRY PRODUCTION

For the past years, Cavite remains to be a foot and mouth disease (FMD) and avian flu free province. For this reason, that livestock production in Cavite becomes a promising industry. This would also mean that livestock produced in Cavite can be exported in the entire country as well as outside Philippines. Maintenance of this status is a challenge for the province in order to give maximum opportunities for livestock farmers. Livestock and poultry production has generated considerable interest among farmers as one of the profitable components of the farming system in the province. Thus, aside from crop production, there are farmers who are engaged in backyard livestock and poultry production in conjunction with crop production to augment their farm income. This system is called integrated farming which is widely practiced in Cavite. There are also commercial livestock and poultry farms located in the province. Still, others are engaged in contract growing scheme in poultry (broiler production) and swine.

BACKYARD LIVESTOCK AND POULTRY POPULATION

Backyard livestock raising is a popular practice in Cavite that aims to create additional financial channels for a family. Livestock being raised ranges from cattle, goat, poultry and hogs. In the year 2010, backyard cattle population is recorded at 21,424 heads wherein 9,610 heads or 44.86 percent are recorded at District VII while 33.17 percent or 7,107 heads came from District VI. These are being raised by 8,847 farmers. Moreover, carabao population totalled to 3,265 heads being raised by 1,681 farmers. Swine production has also been a popular backyard economic endeavor with a total of 56,311 heads by which 50.56 percent or 28,473 heads came from District VII (Table 6.28). Moreover, as presented in Table 6.29, backyard chicken production has registered 150,358 heads while duck population registers at 22,624 heads.

COMMERCIAL/SEMI-COMMERCIAL FARM POPULATION

Commercial/semi-commercial livestock farms are also available in the province. Commercial and semi-commercial farms mainly produce livestock for consumption of its meat and other by-products. Cattle population registers a total of 2,516 heads while hog and goat have 586,740 heads and 3,681 heads, respectively. It is noted that District VI has a record of the highest hog population with 421,023 heads followed by District VII having 106,756 heads. Poultry populations in commercial farms include breeder with 1,654,643 population, layer with 475,995 population, contract broiler with 7,522,888 and duck with 8,840 populations. Game fowl breeder population is 69,191 (Table 6.30).

SUPPORT FACILITIES

The handling and distribution of livestock produce is a critical phase in the food production cycle. The nature of the produce, being perishables, makes it critical for the industry to ensure that the food products from livestock will reach its consumers safe and fresh. For this reason that the agricultural support facilities play a vital role in the success of agricultural industry in Cavite. They make the flow of agricultural production cycle efficient in terms of costs and time. Support facilities for livestock and poultry production include feed mills, slaughterhouses, meat processing plants, and dressing plants. There are also feed dealers/veterinary drugstores, veterinary clinics, pet shops and meat shops available in the province (Table 6.31).



Table 6.28. Backyard Livestock Population by City/Municipality, Province of Cavite: 2010

City/Municipality	Cattle		Carabao		Swine		Horse		Goat		Sheep	
	No. of heads	No. of farmers	No. of heads	No. of farmers	No. of heads	No. of farmers	No. of heads	No. of farmers	No. of heads	No. of farmers	No. of heads	No. of farmers
District I	307	138	8	8	1,072	183	5	5	213	76	1	1
Cavite City					284	55			2	1		
Kawit	117	90	4	4	493	86	5	5	95	57	1	1
Noveleta	103	27	4	4	170	14			92	9		
Rosario	87	21			125	28			24	9		
District II	387	86	45	16	1,010	84	5	2	819	72	35	5
Bacoor	387	86	45	16	1,010	84	5	2	819	72	35	5
District III	1,122	222	408	115	6,692	385	44	28	553	52		
Imus	1,122	222	408	115	6,692	385	44	28	553	52		
District IV	1,044	513	207	147	4,212	760	11	8	703	176		
City of Dasmariñas	1,044	513	207	147	4,212	760	11	8	703	176		
District V	1,847	1,009	89	66	6,806	1,188	1,008	925	1,610	508	180	9
Carmona	551	322	33	21	1,584	363	881	816	821	368	150	5
Gen. M. Alvarez	43	19	10	7	932	206	5	1	176	33	30	4
Silang	1,253	668	46	38	4,290	619	122	108	613	107		
District VI	7,107	1,482	1,412	496	8,046	1,011	153	73	6,261	1,179		
Trece Martires City	1,088	71	33	22	1,815	204	60	19	1,305	406		
Amadeo	329	245	4	3	1,333	79	40	26	201	89		
Gen. Trias	3,964	686	938	309	4,106	536	22	13	3,721	527		
Tanza	1,726	480	437	162	792	192	31	15	1,034	157		
District VII	9,610	5,397	1,096	833	28,473	8,503	1,132	943	3,820	1,014	154	20
Tagaytay City	868	450	33	24	1,413	650	142	67	279	95	35	5
Alfonso	1,416	780	74	65	6,798	875	90	86	507	154	12	2
Gen. Aguinaldo	870	409			5,107	643	285	233	247	72	4	1
Indang	563	353	5	5	758	235	75	70	57	16		
Magallanes	1,804	1,539	186	180	5,060	3,675	396	387	300	210		
Maragondon	1,638	799	436	331	4,254	900	89	65	1,249	220	7	2
Mendez	29	20			1,240	152	3	3	43	11		
Naic	2,240	945	348	214	2,913	913	48	30	963	187	96	10
Ternate	182	102	14	14	930	460	4	2	175	49		
GRAND TOTAL	21,424	8,847	3,265	1,681	56,311	12,114	2,358	1,984	13,979	3,077	370	35

Source: Office of the Provincial Veterinarian, Trece Martires City