

Chapter VI. Economic

AGRICULTURE

Cavite is predominantly an agriculture province. Cavite's economy is largely dependent to agriculture. 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 lies in the industrial belt, the agricultural land is about 49.38 percent or 70,466.53 hectares of the total land area of the Province. This is 1,176.5 hectares bigger than that of the declared agricultural lands in 2008 (69,290.03 hectares). The municipality of Maragondon has the biggest area intended for agriculture, accounts for 14.57% of the total provincial agricultural lands while Cavite City has no longer available land for agriculture related activities and industries. If based on total agricultural lands, we may say that the major players in agriculture in the Province are Maragondon, Silang, Indang, Naic and Alfonso. Of the seven districts in the province, as presented on Table 6.1, the top three with the widest agricultural area are District VII comprising 43,587.01 hectares or 61.85 percent of the total agricultural areas with 27,115 farmers followed by District VI with 17.40 percent or 12,257.71 hectares having 8,701 farmers and District V comprising 10,248.55 hectares with 10,295 farmers. The municipality of Silang has the most number of farmers. The municipality of Maragondon only ranks 3rd in terms of number of farmers. This can be attributed to highly mechanized operation and vast plantation of rice. The same is true with Gen. Trias and Naic, known as the rice producing municipalities in Cavite. The number of farmers increased by 6.5% that corresponds to around 3,097 farmers. The increase in the number of farmers was due to worldwide recession which led to work displacement of some Caviteños. Silang is dominated by pineapple and coffee plantations as well as with cutflower production.

Figure 6.1. Distribution of Agricultural Land by District, Province of Cavite: 2009

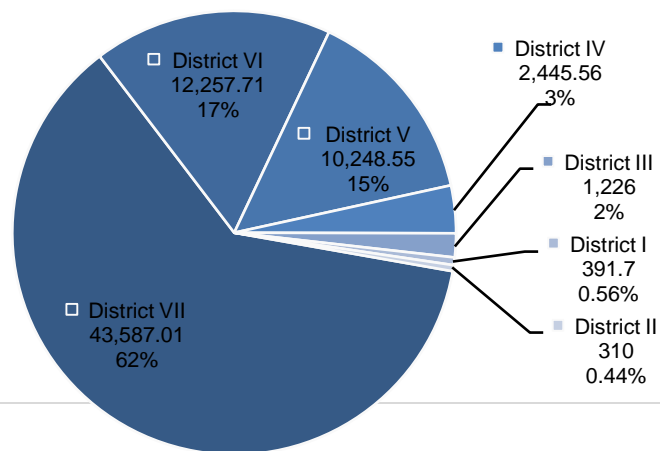


Table 6.1. Total Agricultural Area and Number of Farmers by District and by City/Municipality, Province of Cavite: 2009

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	391.70	3,239.30	407	10.79
Cavite City	1,183		1,183.00		
Kawit	1,340	311.00	1,029.00	127	23.21
Noveleta	541	53.70	487.30	267	9.93
Rosario	567	27.00	540.00	13	4.76
District II	5,240	310.00	4,930.00	234	5.92
Bacoor	5,240	310.00	4,930.00	234	5.92
District III	9,701	1,226.00	8,475.00	657	12.64
Imus	9,701	1,226.00	8,475.00	657	12.64
District IV	8,234	2,445.56	5,788.44	3,295	29.70
Dasmariñas City	8,234	2,445.56	5,788.44	3,295	29.70
District V	19,671	10,248.55	9,422.45	10,295	52.10
Carmona	3,092	602.00	2,490.00	250	19.47
Gen. M. Alvarez	938	214.72	723.28	515	22.89
Silang	15,641	9,431.83	6,209.17	9,530	60.30
District VI	30,105	12,257.71	17,847.29	8,701	40.72
Trece Martires City	3,917	703.00	3,214.00	1,378	17.95
Amadeo	4,790	4,500.00	290.00	4,226	93.95
Gen. Trias	11,768	5,158.00	6,610.00	1,382	43.83
Tanza	9,630	1,896.71	7,733.29	1,715	19.70
District VII	66,124	43,587.01	22,536.99	27,115	65.92
Tagaytay City	6,615	1,272.00	5,343.00	2,446	19.23
Alfonso	6,460	5,800.77	659.23	3,398	89.80
Gen. Aguinaldo	5,103	3,710.06	1,392.94	1,780	72.70
Indang	8,920	7,755.00	1,165.00	4,395	86.94
Magallanes	7,860	5,571.00	2,289.00	3,208	70.88
Maragondon	16,549	10,265.93	6,283.07	4,399	62.03
Mendez	1,667	1,430.00	237.00	1,030	85.78
Naic	8,600	7,290.00	1,310.00	6,323	84.77
Ternate	4,350	492.25	3,857.75	36	11.32
GRAND TOTAL	142,706	70,466.53	72,239.47	50,704	49.38

Source: Office of the Provincial Agriculturist, Trece Martires City

Agricultural industries in District VII include rice farming, vegetable farming, ornamentals, livestock, among others. In District VI, rice farming is the major agriculture activity. District V, where Silang is located, the area is dominated with pineapple and coffee production and home to many high value commercial crops.

CROP PRODUCTION

Cavite is best suited to crop production which is the major component of agricultural activities in the province. The major crops grown in the province are rice, corn, vegetables, coffee, coconut, and others. These agricultural crops are classified as food crops, industrial/commercial crops, cutflowers and ornamental crops. The volume of production of the said crops is presented in Table 6.2. The total area planted to major crops account to 56,147.06 hectares or 79.68 percent of the agricultural lands worked by 85,838 farmers. Silang has the widest planted area having 7,014.66 hectares followed by Magallanes and Indang with 6,809.05 hectares and 6,009.38 hectares respectively. Table 6.3 shows the total area planted to crops by city/municipality.

Table 6.2. Major Crops Planted, Province of Cavite: 2009

Major Crops	Area Planted to Crops (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
Rice	14,639.89	14,397.78	62,406.31	8,305
Irrigated	13,783.72	13,547.56	59,848.62	7,526
Rainfed	658.32	658.32	2,162.76	450
Upland	197.85	191.90	394.93	329
Corn	1,154.22	1,182.26	4,487.95	1,847
Yellow corn	328.49	443.77	1,671.83	493
Green corn	825.73	738.49	2,816.12	1,354
Vegetables	2,052.15	1,770.75	21,758.90	18,728
Leafy	256.06	255.93	1,673.58	4,821
Fruit	1,374.98	1,122.97	15,498.32	9,752
Legumes	198.63	183.14	1,262.73	2,615
Root vegetables	203.20	189.43	2,979.20	1,450
Bulb	19.28	19.28	345.07	90
Root crops	881.14	833.87	12,042.24	4,123
Coconut	16,996.90	11,221.36	85,895,674 nuts	14,027
Coffee	9,640.45	9,066.98	7,868.49	11,406
Banana	2,702.22	2,594.18	22,566.54	8,225
Pineapple	1,574.07	1,447.70	35,934.29	1,986
Mango	1,359.40	1,230.29	20,340.51	3,142
Papaya	278.71	275.11	3,872.42	1,625
Peanut	165.10	152.95	194.09	505
Sugarcane	2,017.00	1,331.00	79,552.30	302
Black Pepper	389.76	386.31	396.91	1,695
Dragon Fruit	17.50	17.50	151.20	20
Other Fruit Trees	2,191.98	2,083.25	19,914.18	9,036
Other Fruits	63.95	47.95	904.80	45
Muskmelon	5.05	5.05	100.00	6
Watermelon	58.90	42.90	804.80	39
Cutflowers	10.36	10.30	71,485.09 dozens	606
Anthurium	2.02	2.01	16,224.75 dozens	166
Orchids	8.34	8.29	55,260.34 dozens	440
Sampaguita	6.45	6.45	1,290.00	90
Ornamentals	5.81	5.81	105,393.35 dozens	215
TOTAL	56,147.06	48,055.35	293,681.13 m.t.	85,838
			85,895,674 nuts	
			176,878.44 dozens	

Rice is the most planted crop in Cavite for 2009 with around 14,398 hectares of land planted with it and produces 62,406.31 metric tons of palay. Majority of rice plantations are irrigated lands. Furthermore, around 8,305 farmers rely on this agriculture niche. On the other hand, corn is not a well-cultivated crop in Cavite. This led to high import demand of corn from other provinces mainly for the production of animal feeds which is also a major industry in Cavite.

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. It has the most number of farmers served at 14,027. In Cavite, 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. The province is producing roughly 1/3 of the entire national production. Much attention is being given to coffee farming to improve its efficiency and productivity.

One agricultural product that is also gaining prominence is the cut flower production. 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 is actively producing cutflowers such as orchids and anthuriums. In the area of Silang, there are also numerous gardens that comprised the landscaping



Agriculture is not limited to planted crops. Agricultural areas can be utilized in many forms such as aquaculture, livestock production, allied agricultural industries (feedmill production, breeding farms, demonstration farms, etc.). As for crop production, 79.68% of the total agricultural areas are devoted to this usage. Still, there are cities and municipalities that have areas actually planted with crops that are larger than their declared total agricultural lands. This can be attributed to some residential areas that are utilized for agricultural use.

The highest utilization level was recorded in Tanza in which an excess of 642.56 hectares from their declared agricultural area are also utilized for crop production. This can be attributed to built-up areas (industrial) which remain idle in terms of industrial development but are rather used for agricultural activities, specifically for crop production. Similarly, Cavite City which declares no agricultural area actually has an area of around 3.55 hectares intended for crop production.

The largest agricultural area planted to crops was recorded in Silang with 7,014.66 hectares. These are mainly planted with pineapple and coffee, the major crops of the town. Maragondon, despite having the biggest area with declared agricultural land-use, only has 33.28% utilization for crop production. This is due to the terrain of the area which is partially mountainous.

District VII has the largest area planted with crops covering a share of 56.57% of the entire province's land area utilized for cropping. It is followed by District VI with 20.17%. District V ranked third with 13.63% share.

Figure 6.2. Distribution of Land Area Planted to Crops by District, Province of Cavite: 2009

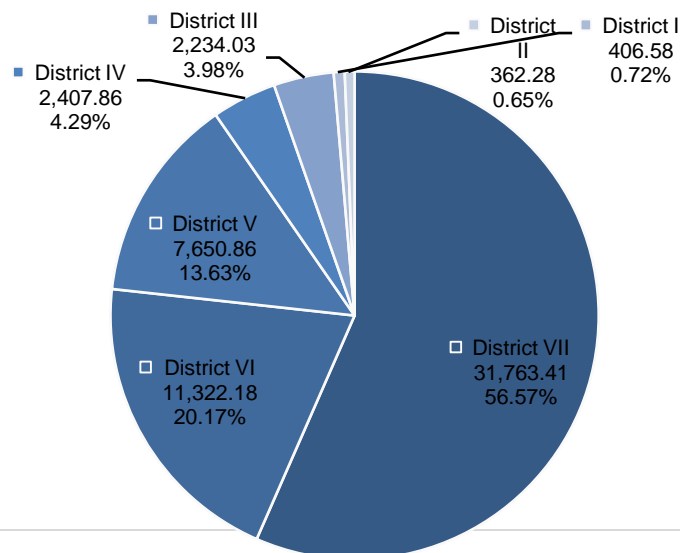


Table 6.3. Total Area Planted to Crops by City/Municipality, Province of Cavite: 2009

City/Municipality	Total Agricultural Area (hectares)	Total Area Planted to Crops (hectares)	% Area Planted to Crops
District I	391.70	406.58	103.80
Cavite City		3.55	
Kawit	311.00	338.81	108.94
Noveleta	53.70	46.72	87.00
Rosario	27.00	17.50	64.81
District II	310.00	362.28	116.86
Bacoor	310.00	362.28	116.86
District III	1,226.00	2,234.03	182.22
Imus	1,226.00	2,234.03	22
District IV	2,445.56	2,407.72	98.45
Dasmariñas City	2,445.56	2,407.72	98.45
District V	10,248.55	7,650.86	74.65
Carmona	602.00	465.75	77.37
Gen. M. Alvarez	214.72	170.45	79.38
Silang	9,431.83	7,014.66	74.37
District VI	12,257.71	11,322.18	92.37
Trece Martires City	703.00	734.24	104.44
Amadeo	4,500.00	5,138.66	114.19
Gen. Trias	5,158.00	2,910.01	56.42
Tanza	1,896.71	2,539.27	133.88
District VII	43,587.01	31,763.41	72.87
Tagaytay City	1,272.00	1,096.44	86.20
Alfonso	5,800.77	5,254.25	90.58
Gen. Aguinaldo	3,710.06	4,200.43	113.22
Indang	7,755.00	6,009.38	77.49
Magallanes	5,571.00	6,809.05	122.22
Maragondon	10,265.93	3,416.35	33.28
Mendez	1,430.00	1,178.48	82.41
Naic	7,290.00	3,347.72	45.92
Ternate	492.25	451.31	91.68
GRAND TOTAL	70,466.53	56,147.06	79.68

Source: Office of the Provincial Agriculturist, Trece Martires City

FOOD CROPS

Rice

Cavite produces significant amount of rice annually. The rice production in the province can be classified as irrigated, rainfed and upland plantation. The most widely practiced manner of producing rice is by irrigation. The government is actively seeking the support of various national agencies to aid in strengthening the rice production through significant support in irrigation. For 2009, a total of 14,639.89 hectares of land were planted with rice. Out of these, an area of around 242.11 hectares got damaged that led to 98.35% efficiency. The 2009 production volume was posted at 62,406.31 metric tons which is higher by 7,285.41 metric tons than last year's record of 55,120.90 metric tons. The volume of production from irrigated areas is noted to be 59,848.62 metric tons which are produced by 7,526 farmers. As indicated, the volume of production of rice from rainfed areas is lower than those from irrigated areas as marked by only 2,162.76 metric tons serving 450 farmers. On the other hand, the upland rice farming produced a total of 394.93 metric tons. Farmers who are being served totalled to 8,305. It is also presented that the top producers of rice in the province are Naic, Gen. Trias, Maragondon, Tanza, Imus, and Dasmariñas City (Table 6.4).



Table 6.4. Rice Production by City/Municipality, Province of Cavite: 2009

City/Municipality	Irrigated (Hectares)				Rainfed (Hectares)				Upland (Hectares)				Total			
	Area Planted	Area Harvested	Prod'n (Metric Tons)	Farmers Served (Number)	Area Planted	Area Harvested	Prod'n (Metric Tons)	Farmers Served (Number)	Area Planted	Area Harvested	Prod'n (Metric Tons)	Farmers Served (Number)	Area Planted	Area Harvested	Prod'n (Metric Tons)	Farmers Served (Number)
District I	69.50	69.50	295.00	47	282.00	282.00	987.00	132	-	-	-	-	351.50	351.50	1,282.00	179
Kawit	30.00	30.00	135.00	30	282.00	282.00	987.00	132					312.00	312.00	1,122.00	162
Noveleta	39.50	39.50	160.00	17									39.50	39.50	160.00	17
District II	294.50	246.50	917.27	176	15.50	15.50	47.55	10	-	-	-	-	310.00	262.00	964.82	186
Bacoor	294.50	246.50	917.27	176	15.50	15.50	47.55	10					310.00	262.00	964.82	186
District III	2,001.00	1,857.00	8,354.25	904	-	-	-	-	-	-	-	-	2,001.00	1,857.00	8,354.25	904
Imus	2,001.00	1,857.00	8,354.25	904									2,001.00	1,857.00	8,354.25	904
District IV	1,401.00	954.00	4,580.50	807	49.00	49.00	122.50	44	-	-	-	-	1,450.00	1,003.00	4,703.00	851
Dasmariñas City	1,401.00	954.00	4,580.50	807	49.00	49.00	122.50	44					1,450.00	1,003.00	4,703.00	851
District V	366.50	446.00	2,089.45	142	-	-	-	-	52.50	52.50	105.00	110	419.00	498.50	2,194.45	252
Carmona	366.50	446.00	2,089.45	142									366.50	446.00	2,089.45	142
Silang									52.50	52.50	105.00	110	52.50	52.50	105.00	110
District VI	4,720.08	4,719.73	19,713.51	2,266	55.05	55.05	111.60	71	16.00	16.00	32.00	27	4,791.13	4,790.78	19,857.11	2,364
Trece Martires City					2.50	2.50	6.50	6	16.00	16.00	32.00	27	18.50	18.50	38.50	33
Gen. Trias	2,547.08	2,593.93	11,153.85	1,530	52.55	52.55	105.10	65					2,599.63	2,646.48	11,258.95	1,595
Tanza	2,173.00	2,125.80	8,559.66	736									2,173.00	2,125.80	8,559.66	736
District VII	4,931.14	5,254.83	23,898.64	3,184	256.77	256.77	894.11	193	129.35	123.40	257.93	192	5,317.26	5,635.00	25,050.68	3,569
Alfonso									1.75	1.75	2.63	11	1.75	1.75	2.63	11
Gen. Aguinaldo									106.95	101.00	200.00	125	106.95	101.00	200.00	125
Indang									6.65	6.65	13.30	26	6.65	6.65	13.30	26
Magallanes									14.00	14.00	42.00	30	14.00	14.00	42.00	30
Maragondon	1,673.27	2,020.96	8,315.35	1,273	256.77	256.77	894.11	193					1,930.04	2,277.73	9,209.46	1,466
Naic	2,925.67	2,760.17	13,482.85	1,713									2,925.67	2,760.17	13,482.85	1,713
Ternate	332.20	473.70	2,100.44	198									332.20	473.70	2,100.44	198
GRAND TOTAL	13,783.72	13,547.56	59,848.62	7,526	658.32	658.32	2,162.76	450	197.85	191.90	394.93	329	14,639.89	14,397.78	62,406.31	8,305

Source: Office of the Provincial Agriculturist, Trece Martires City

Corn

Yellow and green corn production is presented on Table 6.5. Records show that the 1,182.26 hectares area harvested totalled to 4,487.95 metric tons of corn produce for 2009. The table also indicates that the total number of farmers who are being served is marked at 1,847. Major producers of this crop as shown in Table 6.5 are Silang and Dasmariñas City. Cavite has a shortage in terms of yellow corn production as the demand for it rises due to numerous feed mill producers in the province as well as within the neighboring provinces that uses yellow corn as primary raw material for animal feeds. Districts I, II and III does not have any corn production. Corn is a very promising crop to be planted in Cavite.

City/Municipality	Area Harvested (Hectares)	Area Planted (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District IV	333.30	333.80	1,168.80	360
Dasmariñas City	333.30	333.80	1,168.80	360
District V	499.56	455.50	1,976.18	662
Carmona	27.60	27.60	88.85	41
Gen. M. Alvarez	23.83	24.33	119.15	84
Silang	448.13	403.57	1,768.18	537
District VI	87.35	94.05	320.85	203
Trece Martires City	70.70	70.70	250.10	154
Amadeo	5.00	5.00	12.50	10
Gen. Trias	11.65	18.35	58.25	39
District VII	262.05	270.87	1,022.12	622
Alfonso	40.40	40.40	192.17	105
Gen. Aguinaldo	70.00	76.10	182.00	194
Indang	39.40	39.80	172.70	80
Magallanes	39.00	40.00	153.30	107
Maragondon	72.25	73.27	316.95	131
Naic	1.00	1.30	5.00	5
GRAND TOTAL	1,182.26	1,154.22	4,487.95	1,847

Source: Office of the Provincial Agriculturist, Trece Martires City



Table 6.5.
Corn (Yellow and Green) Production by City/Municipality, Province of Cavite: 2009

Vegetables

Vegetable production includes leafy, fruit, legumes, root and bulb vegetables. Table 6.6 shows that there is 86.29 percent efficiency or 1,770.75 hectares out of 2,052.15 have been harvested with vegetables in 2009. The damages could have been due to destructive typhoons experienced by the province. It is noted that farmers in District VII have harvested the widest land area with 808.61 hectares producing 10,575.58 metric tons of vegetables and served 7,901 farmers. Compared to last year's data of 23,007.05 metric tons, the volume of production has declined by 5.43% with a total production of 21,758.90 metric tons serving 18,728 farmers. As indicated, the top vegetable-producing municipalities in the province are Alfonso, Silang, Tanza, Magallanes, Imus and the city of Dasmariñas (6.6).

Table 6.6. Vegetable Production by City/Municipality, Province of Cavite: 2009

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District I	41.03	37.63	288.69	676.00
Kawit	16.31	13.36	138.75	178.00
Noveleta	7.22	6.77	66.94	58.00
Rosario	17.50	17.50	83.00	440.00
District II	48.08	48.08	257.34	549.00
Bacoor	48.08	48.08	257.34	549.00
District III	119.18	99.03	1,243.67	357.00
Imus	119.18	99.03	1,243.67	357.00
District IV	204.32	188.72	2,617.28	655.00
Dasmariñas City	204.32	188.72	2,617.28	655.00
District V	289.91	289.91	3,112.48	5,954.00
Carmona	16.50	16.50	219.45	182.00
Gen. M. Alvarez	11.47	11.47	123.40	117.00
Silang	261.94	261.94	2,769.63	5,655.00
District VI	493.06	298.77	3,663.86	2,636.00
Trece Martires City	110.81	103.14	935.09	1,246.00
Amadeo	29.75	29.75	382.59	167.00
Gen. Trias	61.88	54.32	776.78	567.00
Tanza	290.62	111.56	1,569.40	656.00
District VII	856.57	808.61	10,575.58	7,901.00
Tagaytay City	64.72	64.72	948.42	1,292.00
Alfonso	404.08	404.08	5,868.28	2,080.00
Gen. Aguinaldo	81.21	71.10	675.83	2,349.00
Indang	37.25	37.25	525.61	456.00
Magallanes	147.35	129.40	1,451.16	295.00
Maragondon	74.33	54.49	485.44	821.00
Mendez	34.30	34.30	455.96	513.00
Naic	9.08	9.02	103.60	49.00
Ternate	4.25	4.25	61.28	46.00
GRAND TOTAL	2,052.15	1,770.75	21,758.90	18,728.00

Source: Office of the Provincial Agriculturist, Trece Martires City

Root Crops

Root crops are also one of the major agricultural products of Cavite. Root crops which are planted in 881.14 hectares registered an increase of 1.41 percent in its volume of production totalling to 12,042 metric tons from its record of 11,875 metric tons in 2008. The major producers of these crops are the municipalities of Alfonso which ranks first producing 2,960 metric tons, followed by Silang at 2,765 metric tons, Indang with 1,616 metric tons and Gen. Aguinaldo with 1,078 metric tons (Table 6.7).

Table 6.7. Rootcrops Production by City/Municipality, Province of Cavite: 2009

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served
District III	0.85	0.85	12.60	15
Imus	0.85	0.85	12.60	15
District IV	15.00	15.00	95.00	67
Dasmariñas City	15.00	15.00	95.00	67
District V	198.15	198.15	2,982.15	1,147
Carmona	4.00	4.00	58.70	6
Gen. M. Alvarez	9.70	9.70	158.20	87
Silang	184.45	184.45	2,765.25	1,054
District VI	96.69	75.97	1,101.13	233
Trece Martires City	52.69	35.67	498.32	130
Amadeo	36.00	36.00	533.61	85
Gen. Trias	8.00	4.30	69.20	18
District VII	570.45	543.90	7,851.36	2,661
Tagaytay City	52.85	52.85	786.26	260
Alfonso	211.65	211.65	2,959.75	747
Gen. Aguinaldo	70.60	70.00	1,078.00	592
Indang	113.60	108.90	1,615.64	356
Magallanes	56.25	38.00	580.30	148
Maragondon	36.50	33.50	407.70	127
Mendez	25.00	25.00	373.31	419
Naic	1.00	1.00	15.40	4
Ternate	3.00	3.00	35.00	8
GRAND TOTAL	881.14	833.87	12,042.24	4,123

Source: Office of the Provincial Agriculturist, Trece Martires City



INDUSTRIAL/COMMERCIAL CROPS

Coconut

Cavite is home to some coconut plantations. These coconuts produce coconut based products that are just enough 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 2009, the total area harvested with such crop has reached to 11,221.36 hectares. About 14,027 farmers are working on these agricultural lands to produce a total of 85,895,674 nuts. Based on the record, District VII shows the greatest production with 70,798,910 nuts or 82.24 percent 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: 2009

City/Municipality	Area Planted (Hectares)	Area Harvested	Production (pcs.)	Farmers Served (Number)
District I	3.55			2
Cavite City	3.55			2
District II	3.00			1
Bacoor	3.00			1
District III	1.00			2
Imus	1.00			2
District IV	14.50			11
Dasmariñas City	14.50			11
District V	2,814.38	2,054.44	13,580,999	2,891
Carmona	21.40			9
Gen. M. Alvarez	86.05			74
Silang	2,706.93	2,054.44	13,580,999	2,808
District VI	744.32	239.18	1,515,765	588
Trece Martires City	292.49	84.63	655,607	268
Amadeo	348.41	106.05	569,603	252
Gen. Trias	90.92	48.50	290,555	57
Tanza	12.50			11
District VII	13,416.15	8,927.74	70,798,910	10,532
Tagaytay City	9.50	9.50	42,698	20
Alfonso	2,142.84	1,190.19	4,917,389	2,120
Gen. Aguinaldo	2,769.54	2,105.38	20,224,217	1,991
Indang	3,654.65	2,211.90	17,135,036	3,350
Magallanes	3,929.45	3,014.97	24,290,468	2,055
Maragondon	675.73	303.09	3,756,740	508
Mendez	120.48	29.38	127,456	379
Naic	50.67	20.40	105,365	35
Ternate	63.29	42.93	199,541	74
GRAND TOTAL	16,996.90	11,221.36	85,895,674	14,027

Source: Office of the Provincial Agriculturist, Trece Martires City

Coffee

Coffee is the One Town One Product entry of Cavite. Cavite 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 on Table 6.9, the total area harvested to coffee is 9,066.98 hectares registering a 94.05% efficiency in production with a volume of 7,868.49 metric tons. About 11,406 farmers have been working in these agricultural lands of which 45.44 percent or 5,183 of them have been engaged on maintaining the coffee farms of District VII while 4,792 and 1,431 farmers maintained the agricultural lands in District VI and District V, respectively. The major coffee-producing municipalities of the province are Amadeo, Silang, Alfonso, Indang, Mendez, Tagaytay City and General Aguinaldo.

The top banana-producing municipalities in the province are Indang, Amadeo, Magallanes, Gen. Aguinaldo Silang, and Alfonso (Table 6.10).

Table 6.9. Coffee Production by City/Municipality, Province of Cavite: 2009

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District V	1,526.50	1,526.50	1,221.20	1,431
Silang	1,526.50	1,526.50	1,221.20	1,431
District VI	4,114.40	3,702.00	3,238.67	4,792
Trece Martires City	6.00	2.00	1.75	27
Amadeo	4,086.25	3,700.00	3,236.92	4,755
Gen. Trias	22.15	-	-	10
District VII	3,999.55	3,838.48	3,408.62	5,183
Tagaytay City	559.85	555.90	520.36	626
Alfonso	1,250.00	1,241.95	893.91	1,763
Gen. Aguinaldo	426.00	374.30	369.02	955
Indang	763.43	763.43	760.23	625
Magallanes	163.00	120.00	115.00	137
Maragondon	82.07	27.90	26.60	121
Mendez	755.20	755.00	723.50	956
GRAND TOTAL	9,640.45	9,066.98	7,868.49	11,406

Source: Office of the Provincial Agriculturist, Trece Martires City

Banana

Banana production is also a major division of crop production in Cavite. Cavite bananas are not the export quality type but also reaches the Metro Manila market. Cavite produces diverse local varieties of bananas. Despite climate's suitability, cultured bananas or the plantation type are not common in Cavite. In 2009, the total harvested area for banana is noted at 2,594.18 hectares. The total volume of production of said crop reaches up to 22,566.54 metric tons by which 14,675.45 metric tons or 65.03 percent are being produced in District VII while 18.61 percent or 4,198.82 metric tons in District VI. Moreover, District IV and District V produce 474.80 and 3,217.47 metric tons of these crops respectively.

Table 6.10. Banana Production by City/Municipality, Province of Cavite: 2009

Source: Office of the Provincial Agriculturist, Trece Martires City

Pineapple

Cavite produces the famous sweet pineapples. These are very sweet, medium sized pineapples which Silang Cavite is famous 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. Pineapple is considered one of the commercially important plants in the province since it has helped increase the income of most municipalities in the province like Silang, Indang, Alfonso and Tagaytay City, its major producers.

Based on the 2009 record, the total volume of production of pineapples in the province is about 35,934.29 metric tons which is higher than the 2008 record by 5.84 percent. These come from the harvested lands of 1,447.70 hectares wide maintained by a total of 1,986 farmers (Table 6.11).

Table 6.11. Pineapple Production by City/Municipality, Province of Cavite: 2009

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District IV	45.00	45.00	925.00	55
Dasmariñas City	45.00	45.00	925.00	55
District V	951.25	951.25	23,662.50	774
Silang	951.25	951.25	23,662.50	774
District VI	33.00	32.25	779.70	50
Trece Martires City	9.00	8.25	206.25	25
Amadeo	24.00	24.00	573.45	25
District VII	544.82	419.20	10,567.09	1,107
Tagaytay City	287.00	178.63	4,788.70	580
Alfonso	96.00	84.50	1,951.04	165
Gen. Aguinaldo	4.00	3.75	93.75	35
Indang	103.20	103.20	2,568.10	170
Magallanes	10.00	10.00	230.20	15
Maragondon	11.62	6.12	112.10	39
Mendez	33.00	33.00	823.20	103
GRAND TOTAL	1,574.07	1,447.70	35,934.29	1,986

Source: Office of the Provincial Agriculturist, Trece Martires City

Mango

Farmers in Cavite have invested on mango trees for personal consumption. There are few mango orchards which produce are being distributed to neighboring provinces and in Metro

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District II	0.50			10
Bacoor	0.50			10
District IV	45.70	45.70	474.80	105
Dasmariñas City	45.70	45.70	474.80	105
District V	389.15	386.25	3,217.47	1,617
Carmona	22.00	21.00	204.00	31
Gen. M. Alvarez	24.90	23.00	215.60	109
Silang	342.25	342.25	2,797.87	1,477
District VI	533.50	522.85	4,198.82	936
Trece Martires City	48.50	48.35	553.75	207
Amadeo	455.00	455.00	3,514.87	690
Gen. Trias	30.00	19.50	130.20	39
District VII	1,733.37	1,639.38	14,675.45	5,557
Tagaytay City	69.49	68.25	534.55	865
Alfonso	247.40	242.40	2,084.38	952
Gen. Aguinaldo	255.50	242.00	3,193.00	1,065
Indang	406.75	406.75	3,695.00	515
Magallanes	402.00	400.00	3,215.50	472
Maragondon	234.53	164.28	1,022.88	444
Mendez	86.00	86.00	715.15	1,178
Ternate	31.70	29.70	214.99	66
GRAND TOTAL	2,702.22	2,594.18	22,566.54	8,225

Manila. Mangoes in Cavite are more of the local varieties such as Carabao, Pico and Sapadera. As recorded on Table 6.12, mango plantations in the province comprise 1,359.40 hectares of which 1,230.29 hectares are harvested or an efficiency of 90.5%. With a total of 3,142 farmers working together in said plantations, 20,340.51 metric tons of said crops are produced in 2009. This figure is higher than the volume of production in 2008 by 4.75 percent with 19,418.14 metric tons. Leading the highest volume of production of mangoes are Naic, Dasmariñas City, Imus, Indang and Maragondon. Cavite has also developed a renowned mango-based product, the Don Roberto's Mango Wine.

Table 6.12. Mango Production by City/Municipality, Province of Cavite: 2009

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City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District I	10.00			28
Kawit	10.00			28
District II	0.70			21
Bacoor	0.70			21
District III	105.00	105.00	3,188.60	252
Imus	105.00	105.00	3,188.60	252
District IV	200.60	200.60	4,012.00	85
Dasmariñas City	200.60	200.60	4,012.00	85
District V	82.69	74.59	1,105.95	490
Carmona	7.75	7.75	113.35	41
Gen. M. Alvarez	11.10	11.10	149.10	40
Silang	63.84	55.74	843.50	409
District VI	113.01	102.51	1,425.86	196
Trece Martires City	53.26	47.26	708.82	76
Amadeo	13.75	13.75	182.54	41
Gen. Trias	27.50	23.00	320.00	18
Tanza	18.50	18.50	214.50	61
District VII	847.40	747.59	10,608.10	2,070
Alfonso	56.40	53.70	844.59	439
Gen. Aguinaldo	56.25	25.10	385.00	734
Indang	163.25	163.25	2,436.25	85
Magallanes	56.00	55.80	500.50	127
Maragondon	142.00	80.24	1,132.26	554
Naic	360.00	360.00	5,170.00	50
Ternate	13.50	9.50	139.50	81
GRAND TOTAL	1,359.40	1,230.29	20,340.51	3,142

Source: Office of the Provincial Agriculturist, Trece Martires City

Papaya

Farmers grow papaya trees in their home backyards and in wider farmlands since it is considered as profitable enterprise used in cosmetics, food preparations and the like. The municipality of Silang tops for producing 1,477.62 metric tons of the said crop, followed by Alfonso with 671.90 metric tons and Indang with 443.25 metric tons. The province's total volume of production increases by 105.38 metric tons registering at 3,872.42 metric tons. Area harvested is 275.11 hectares maintained by 1,625 farmers (Table 6.13).

Table 6.13. Papaya Production by City/Municipality, Province of Cavite: 2009

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District IV	2.20	2.20	26.50	20
Dasmariñas City	2.20	2.20	26.50	20
District V	100.50	98.90	1,477.62	479
Silang	100.50	98.90	1,477.62	479
District VI	44.85	44.85	621.80	197
Trece Martires City	9.85	9.85	147.75	77
Amadeo	30.00	30.00	412.80	100
Gen. Trias	5.00	5.00	61.25	20
District VII	131.16	129.16	1,746.50	929
Tagaytay City	13.84	13.84	211.60	176
Alfonso	44.80	44.80	671.90	263
Gen. Aguinaldo	18.40	18.40	213.00	257
Indang	30.50	30.50	443.25	156
Magallanes	15.00	13.50	89.50	36
Maragondon	3.25	3.25	42.75	16
Mendez	5.00	4.50	67.50	20
Ternate	0.37	0.37	7.00	5
GRAND TOTAL	278.71	275.11	3,872.42	1,625

Source: Office of the Provincial Agriculturist, Trece Martires City

Peanut

Peanuts are considered edible and 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 194.09 metric tons in 2009 which are harvested from 152.95 hectares of land. The municipality of Silang, with 86.45 metric tons has the highest record of production of said crop in the province. As shown in Table 6.14, about 505 farmers have been benefited through these crops.

Table 6.14. Peanut Production by City/Municipality, Province of Cavite: 2009

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District IV	25.50	25.50	28.40	50
Dasmariñas City	25.50	25.50	28.40	50
District V	66.50	66.50	86.45	216
Silang	66.50	66.50	86.45	216
District VI	29.00	17.90	29.69	67
Trece Martires City	23.60	12.50	22.97	44
Amadeo	3.00	3.00	3.56	8
Gen. Trias	2.40	2.40	3.16	15
District VII	44.10	43.05	49.55	172
Tagaytay City	1.50	1.20	1.86	8
Alfonso	9.65	9.65	12.58	58
Gen. Aguinaldo	11.75	11.00	11.00	47
Indang	5.70	5.70	7.41	23
Magallanes	10.00	10.00	10.10	10
Maragondon	5.50	5.50	6.60	26
GRAND TOTAL	165.10	152.95	194.09	505

Source: Office of the Provincial Agriculturist, Trece Martires City

Sugarcane

Popularly, sugarcane is being processed to produce white and brown sugar, and alcohol, as well. In 2008, the Cavite Sugarcane Planters Multi-Purpose Cooperative (CSPMPC) in partnership with the Cavite Biofuels Producers, Inc. (CBPI), have planned to develop a bioethanol distillery in the municipality of Magallanes. Also, the municipality has shown the biggest production of sugarcane in the province registering 97.86 percent or 75,000.00 metric tons of the total 79,552.30 metric tons. The total volume of production of said plant which comes from Districts IV and VII is earned from 1,331 hectares of land, serving a total of 302 farmers. Other producers of sugarcane in the province are Dasmariñas City and Maragondon (Table 6.15).

Table 6.15. Sugarcane Production by City/Municipality, Province of Cavite: 2009

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District IV	70.00	35.00	1,700.00	23
Dasmariñas	70.00	35.00	1,700.00	23
District VII	1,947.00	1,296.00	77,852.30	279
Magallanes	1,800.00	1,250.00	75,000.00	260
Maragondon	147.00	46.00	2,852.30	19
GRAND TOTAL	2,017.00	1,331.00	79,552.30	302

Source: Office of the Provincial Agriculturist, Trece Martires City

Black Pepper

Black pepper, 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 396.91 metric tons wherein 336.61 metric tons is recorded to be at District VII, 41.20 metric tons in District V and 19.10 metric tons in District VI. These come from the harvested land area of 386.31 hectares which is maintained by 1,695 farmers.

Table 6.16. Blackpepper Production by City/Municipality, Province of Cavite:2009

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District V	37.45	37.45	41.20	230
Silang	37.45	37.45	41.20	230
District VI	21.00	21.00	19.10	25
Amadeo	21.00	21.00	19.10	25
District VII	331.31	327.86	336.61	1,440
Tagaytay City	7.96	7.96	8.75	104
Alfonso	101.25	101.25	109.34	403
Gen. Aguinaldo	178.00	175.00	174.50	617
Indang	3.65	3.65	4.02	76
Magallanes	40.00	40.00	40.00	231
Maragondon	0.45			9
GRAND TOTAL	389.76	386.31	396.91	1,695

Source: Office of the Provincial Agriculturist, Trece Martires City

Other Fruit Trees

Other fruit trees which include jackfruit, guavano, santol, rambutan, avocado, lanzones, citrus and other fruits are planted over 2,191.98 hectares of land in the province. The harvested area is 2,083.25 hectares gaining a total volume of production of 19,914.18 metric tons by which District VII ranks first having 16,795.93 metric tons (Table 6.17).

Table 6.17. Other Fruit Trees Production by City/Municipality, Province of Cavite: 2009

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District I	0.50			3
Kawit	0.50			3
District IV	1.10			10
Dasmariñas City	1.10			10
District V	308.53	297.30	2,340.50	1,976
Gen. M. Alvarez	2.90	2.90	28.20	34
Silang	305.63	294.40	2,312.30	1,942
District VI	146.67	94.43	777.75	242
Trece Martires City	27.29	7.93	62.45	109
Amadeo	86.50	86.50	715.30	79
Gen. Trias	32.88	-	-	54
District VII	1,735.18	1,691.52	16,795.93	6,805
Tagaytay City	29.73	23.27	211.25	412
Alfonso	647.65	646.90	6,611.23	1,656
Gen. Aguinaldo	145.85	137.40	1,259.30	2,348
Indang	664.45	663.95	5,935.01	763
Magallanes	125.00	110.00	1,463.32	350
Mendez	119.50	107.00	1,295.31	1,269
Ternate	3.00	3.00	20.51	7
GRAND TOTAL	2,191.98	2,083.25	19,914.18	9,036

Source: Office of the Provincial Agriculturist, Trece Martires City

Other Fruits

Other fruits which are planted in 63.95 hectares of agricultural land in the province are muskmelon and watermelon. Almost 88.40 percent or 799.80 metric tons of these fruits are produced in District VI and 105 metric tons or 11.60% are in District III. As presented in Table 6.17, Tanza gains the greatest volume of production with 573.00 metric tons followed by Gen. Trias and Imus with 211.00 metric tons and 105.00 metric tons respectively (Table 6.18).

Table 6.18. Other Fruits Production by City/Municipality, Province of Cavite: 2009

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District III	7.00	7.00	105.00	6
Imus	7.00	7.00	105.00	6
District VI	56.95	40.95	799.80	39
Trece Martires City	1.00	1.00	15.80	5
Gen. Trias	11.30	11.30	211.00	9
Tanza	44.65	28.65	573.00	25
GRAND TOTAL	63.95	47.95	904.80	45

Source: Office of the Provincial Agriculturist, Trece Martires City

Dragon Fruit

Dragon fruit is among the most nutritious and wonderful exotic fruits which originate from the dragon fruit cactus plant. This fruit is not native in Cavite and even in the Philippines for that matter. 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 151.20 metric tons in 2009. This is being managed and maintained by 20 farmers.

Table 6.19. Dragonfruit Production by City/Municipality, Province of Cavite: 2009

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
District VII	17.50	17.50	151.20	20
Indang	16.50	16.50	151.00	17
Magallanes	1.00	1.00	0.20	3
GRAND TOTAL	17.50	17.50	151.20	20

Source: Office of the Provincial Agriculturist, Trece Martires City

Cutflowers and Ornamentals

Cutflowers are generally grown throughout the province mostly in Districts V, VI and VII. With a total area harvested of 10.30 hectares, 71,485.09 dozens of anthurium and orchids/dendrobium have been produced by 606 farmers. The major cutflower producers shown on Table 6.20 are the municipalities of Silang having 30,371.83 dozens or 42.49 percent of the total production, followed by the city of Trece Martires with 22,997.76 dozens and Gen. Aguinaldo producing 10,600.00 dozens. Maragondon has the least volume of production totalling to 219.50 dozens.

Ornamentals have a production volume of 105,393.35 dozens harvested from 5.81 hectares of land which are maintained by 215 farmers. Meanwhile, the total area planted to sampaguita registers a total of 6.45 hectares which produce 1,290.00 metric tons (Table 6.20).

Table 6.20. Cutflower Production by City/Municipality, Province of Cavite: 2009

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Dozens)	Farmers Served (Number)
District V	5.54	5.54	30,371.83	361
Silang	5.54	5.54	30,371.83	361
District VI	4.10	4.10	22,997.76	103
Trece Martires City	4.10	4.10	22,997.76	103
District VII	0.72	0.66	18,115.50	142
Alfonso	0.38	0.38	7,296.00	56
Gen. Aguinaldo	0.28	0.22	10,600.00	23
Maragondon	0.06	0.06	219.50	63
GRAND TOTAL	10.36	10.30	71,485.09	606

Source: Office of the Provincial Agriculturist, Trece Martires City

Table 6.21. Ornamentals and Sampaguita Production by City/Municipality, Province of Cavite: 2009

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Dozens)	Farmers Served (Number)
Ornamentals				
District V				
Silang	5.81	5.81	105,393.35	215
GRAND TOTAL	5.81	5.81	105,393.35	215
Sampaguita*				
District VI				
Trece Martires City	6.45	6.45	1,290.00	90
GRAND TOTAL	6.45	6.45	1,290.00	90

*production volume in metric tons

Source: Office of the Provincial Agriculturist, Trece Martires City

AGRICULTURAL SUPPORT FACILITIES

Post harvest and agricultural support facilities for farming are also available in the province which consists of rice mills, coffee mill/depulper, cornmills, threshers, warehouses/dryers, tractors and others. Details of these facilities are shown in Table 6.22.

Table 6.22. Agricultural Support/Post Harvest Facilities by City/Municipality, Province of Cavite: 2009

City/Municipality	Rice Mill		Coffee Mill/ Depulper		Cornmill		Thresher		Warehouse/ Dryer		Tractor		Others	
	No.	Capacity	No.	Capacity	No.	Capacity	No.	Capacity	No.	Capacity	No.	Capacity	No.	Capacity
District I														
Noveleta	1	2000									7			
District II														
Bacoar	1						6	150/day	1	250 cav.	26	2 ha/day	46	water pump
District III														
Imus	10	500 cav.					23	100-150 cav.	3	1 mt	33	1-2 ha/day	25	motorized pump
District IV														
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		
Gen. M. Alvarez									3	200 bags				
Silang	1		13		3				25	84,500 kg.	6			
District VI														
Trece Martires City	1	1 Hp									2	2 hp/26 hp		
Amadeo			14	100-400 cans/day										
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 bgs/day	221		11	STW
	13	5-35 bg/hr							2	200 bgs/day			13	MPDP
District VII														
Alfonso	1		1								2	10 hp/20 hp		
Gen. Aguinaldo	4		1		2				2		3			
Indang														
Magallanes	11	5 kg./min.	11	2 kg./min.							7	1-3 ha./day	3	Mini-sugar Mill
Maragondon	10	10 cav/hr.					30	7-8 Hp	2	100 cavans	10			
Mendez			2	170 cav/hr.										
Naic														
Tagaytay City			6	200 cans					3	5,000 bags				
Ternate														

Source: Office of the Provincial Agriculturist, Trece Martires City

FISHERIES

The province of Cavite has an approximate shoreline 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 317,569, about 4.70 percent of them or 14,938 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 3,827 fisherfolks (Table 6.23).

Cavite has three (3) major fishing grounds: these are the Manila Bay, Bacoor Bay and Cañacao Bay. As indicated on Table 6.24, the ten (10) municipal fishlanding areas are located in Bacoor, Tanza, Cavite City and Naic while Phil. Fishport Authority popularly known as Pandawan is the only commercial landing area in Cavite located in Rosario.

Table 6.23. Coastal Demography by City/Municipality, Province of Cavite: 2009

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 II	13	58,266	1,766
Tanza	13	58,266	1,766
District VII	20	57,437	3,827
Maragondon	1	2,535	443
Naic	11	39,934	3,050
Ternate	8	14,968	334
GRAND TOTAL	98	317,569	14,938

Source: Office of the Provincial Agriculturist, Trece Martires City

Commercial Fisheries

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 389 as 4,153 fishermen use bagnet, purse seine, danish seine, trawl, gillnet, and others. As shown on Table 6.25, the total annual production of fish in the province reaches to 6,293 metric tons in 2009.

Table 6.24. Municipal and Commercial Fishlanding Areas, Province of Cavite: 2009

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

Source: Office of the Provincial Agriculturist, Trece Martires City

City/Municipality	Type of Gear Used	Number of Commercial Fishing Vessel	Number of Fisherman	Annual Production (Metric Tons)
District I		171	1,944	2,726.68
Kawit		15	404	121.20
Noveleta	gillnet, ring net Bagnet, purse seine danish seine	108	240	105.48
Rosario		48	1,300	2,500.00
District VI		49	1,766	1,697.25
Tanza	Trawl, Purse seine Hook & Line	49	1,766	1,697.25
District VII		169	443	1,868.61
Maragondon	Trawl, gillnet, drive net, long line, ring net	120	443	171.36
Ternate		49		1,697.25
GRAND TOTAL		389	4,153	6,293.00

Table 6.25. Commercial Fishing Vessels (CFVs), Types of Fishing Gears Used Number of Fisherman and Annual Production, Province of Cavite: 2009

Source: Office of the Provincial Agriculturist, Trece Martires City

Municipal Fisheries

Fishing in the province is mainly carried out through the use of motorized and non-motorized bancas (boats). Table 6.26 shows that there are about 4,706 fishing bancas which are being used and operated by 12,402 fishermen from Cavite City and other eight (8) municipalities of the province namely Bacoor, Kawit, Noveleta, Rosario, Tanza, Maragondon, Naic and Ternate. Along with bancas are various fishing gears which the fisherfolks use to produce 8,500.02 metric tons of marine foods throughout the period. It is also indicated that the volume of production of fish and other marine products with the use of motorized bancas, which is 8,189.96 metric tons, is much greater than those caught with the use of non-motorized/traditional bancas.

Table 6.26. Total Number of Municipal Fishing Boats by City/Municipality, Province of Cavite: 2009

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	1,905	484	2,389	8,336	273	8,609	3,726.10	180.95	3,907.05	
Cavite City	480	243	723	2,696		2,696	789.70	83.78	873.48	gillnet, hook & line, Kitang Bintol
Kawit	519	126	645	1,899	168	2,067	845.60	42.89	888.49	gillnet, hook and line
Noveleta	31	77	108	240		240	66.60	38.88	105.48	gillnet, ring net, pangulong
Rosario	875	38	913	3,501	105	3,606	2,024.20	15.40	2,039.60	Bagnet, gillnet, pangulong
District II	682	200	882	449	157	606	1,220.00	80.00	1,300.00	
Bacoor	682	200	882	449	157	606	1,220.00	80.00	1,300.00	gillnet, hook and line
District VI	563	24	587	862	96	958	1,568.7	9.6	1,578.3	
Tanza	563	24	587	862	96	958	1,568.66	9.6	1,578.26	gillnet, hook and line
District VII	723	125	848	2144	85	2229	1675.2	39.51	1714.71	
Maragondon	89	31	120	400	43	443	160.20	11.16	171.36	gillnet, hook and line, Bubo
Naic	512	51	563	1473		1,473	1,171.80	15.90	1,187.70	gillnet, hook and line, Bubo, purse seine
Ternate	122	43	165	271	42	313	343.20	12.45	355.65	gillnet, hook and line
GRAND TOTAL	3,873	833	4,706	11,791	611	12,402	8,189.96	310.06	8,500.02	

Source: Office of the Provincial Agriculturist, Trece Martires City

Aquaculture/Inland Fisheries

As presented on Table 6.27, the number of people employed in the aquaculture/inland sector is cited at 309 which are engaged in around 270.14 hectares of brackish and freshwater culture of various fishery products. The annual production of bangus is recorded at 370.88 metric tons while sugpo is 91.41 metric tons and Tilapia totals to 288.23 metric tons throughout the year. District I ranks first for having the biggest annual production of said marine foods which is recorded at 569.99 metric tons. It is followed by District II with 102.00 metric tons and District VII with 60.43 metric tons.

Cavite is also known for its oyster and mussel production. From 171.24 hectares of inland fisheries, the province has arrived at 7,867.80 metric tons of oysters and mussels which are maintained by 1,001 operators. The municipality of Bacoor holds the biggest annual production of said marine foods, having 6,974.50 metric tons or 88.65 percent of the total production (Table 6.28).



Table 6.27. Bangus, Sugpo and Tilapia Production by City/Municipality, Province of Cavite: 2009

City/Municipality	Number of Operator			Area (Hectares)			Annual Production (Metric Tons)			
	Brackishwater	Freshwater	Total	Brackishwater	Freshwater	Total	Bangus	Sugpo	Tilapia	Total
District I	38		38	99.35		99.35	221.18	91.41	257.40	569.99
Cavite City	4		4	0.15		0.15	0.18	0.03		0.21
Kawit	13		13	27.70		27.70	221.00	48.48		269.48
Noveleta	21		21	71.50		71.50		42.90	257.40	300.30
Rosario										
District II	44		44	74.85		74.85	102.00			102.00
Bacoar	44		44	74.85		74.85	102.00			102.00
District VI		60	60		10.10	10.10			18.10	18.10
Tanza		60	60		10.10	10.10			18.10	18.10
District VII	61	106	167	74.90	10.94	85.84	47.70		12.73	60.43
Maragondon		30	30		0.50	0.50			0.75	0.75
Naic	4	68	72	2.90	9.44	12.34	5.20		10.18	15.38
Ternate	57	8	65	72.00	1.00	73.00	42.50		1.80	44.30
GRAND TOTAL	143	166	309	249.10	21.04	270.14	370.88	91.41	288.23	750.52

Source: Office of the Provincial Agriculturist, Trece Martires City

Table 6.28. Oyster and Mussel Production by City/Municipality, Province of Cavite: 2009

City/Municipality	Number of Operator			Area (Hectares)			Production (Metric Tons)		
	Oyster	Mussel	Total	Oyster	Mussel	Total	Oyster	Mussel	Total
District I	35	244	279	7.68	21.05	28.73	316.70	380.00	696.70
Cavite City	26	153	179	0.13	0.77	0.90	6.70	23.00	29.70
Kawit	9	91	100	7.55	20.28	27.83	310.00	357.00	667.00
District II	10	490	500	9.00	129.49	138.49	500.00	6,474.50	6,974.50
Bacoar	10	490	500	9.00	129.49	138.49	500.00	6,474.50	6,974.50
District VI	13		13	0.30		0.30	15.00		15.00
Tanza	13		13	0.30		0.30	15.00		15.00
District VII	209		209	3.72		3.72	181.60		181.60
Maragondon	10		10	0.50		0.50	25.00		25.00
Naic	82		82	2.34		2.34	115.00		115.00
Ternate	117		117	0.88		0.88	41.60		41.60
GRAND TOTAL	267	734	1,001	20.70	150.54	171.24	1,013.30	6,854.50	7,867.80

Source: Office of the Provincial Agriculturist, Trece Martires City

The province is also actively engaged in the use of marine products as raw materials for highly acclaimed food products such as the tahong chips, fish sauce, crispy shrimps, daing na bangus, smoked fish, among others.

LIVESTOCK AND POULTRY PRODUCTION

Livestock production is a very promising industry in Cavite. This is for a fact that the province is free from any dreaded animal disease. This also means 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 cattle and carabao population is recorded at 24,724 heads which are being raised by 12,254 farmers. Swine production has also been a popular backyard economic endeavor with a total of 55,283 heads by which 53.82 percent or 29,755 heads came from District VII (Table 6.29). Moreover, as presented on Table 6.30, backyard chicken production has registered 158,385 heads while duck population registers at 22,033 heads.

Table 6.29. Backyard Livestock Population by City/Municipality, Province of Cavite: 2009

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	381	165	9	9	1,358	195	5	5	287	88	9	3
Cavite City					404	48			6	2	8	2
Kawit	139	108	4	4	538	95	5	5	95	57	1	1
Noveleta	151	34	5	5	298	16			162	20		
Rosario	91	23			118	36			24	9		
District II	37	7			370	29	3	1	30	2	77	17
Bacoor	37	7			370	29	3	1	30	2	77	17
District III	1,247	740	458	236	3,949	324	46	28	463	105		
Imus	1,247	740	458	236	3,949	324	46	28	463	105		
District IV	1,044	1,026	207	147	4,065	760	10	7	703	176		
Dasmariñas	1,044	1,026	207	147	4,065	760	10	7	703	176		
District V	1,951	1,007	96	69	7,634	1,276	1,000	342	1,552	502	126	2
Carmona	640	319	37	23	2,046	386	878	234	852	372	126	2
Gen. M. Alvarez	58	20	13	8	1,298	271			87	23		
Silang	1,253	668	46	38	4,290	619	122	108	613	107		
District VI	7,138	1,841	1,491	591	8,152	984	146	73	6,606	1,033		
Trece Martires City	1,080	471	25	21	2,116	218	60	19	1,432	406		
Amadeo	410	114	4	3	715	79	40	26	384	73		
Gen. Trias	4,035	812	1,022	400	4,546	500	17	14	3,741	400		
Tanza	1,613	444	440	167	775	187	29	14	1,049	154		
District VII	9,499	5,511	1,166	905	29,755	7,690	1,157	945	3,655	960	160	21
Tagaytay City	868	450	33	24	1,413	650	142	67	279	95	35	5
Alfonso	1,485	800	77	64	7,422	93	108	80	585	146	18	4
Gen. Aguinaldo	905	419			5,069	618	284	232	252	74	5	1
Indang	562	354	5	5	733	226	77	72	67	17		
Magallanes	1,804	1,539	186	180	5,060	3,675	396	387	300	210		
Maragondon	1,700	895	508	406	4,113	958	100	75	1,048	175	6	1
Mendez	64	62			2,310	97			14	7		
Naic	1,990	910	345	214	2,885	913	46	30	940	187	96	10
Ternate	121	82	12	12	750	460	4	2	170	49		
GRAND TOTAL	21,297	10,297	3,427	1,957	55,283	11,258	2,367	1,401	13,296	2,866	372	43

Source: Office of the Provincial Veterinarian, Trece Martires City

Table 6.30. Backyard Poultry Population by City/Municipality, Province of Cavite : 2009

City/Municipality	Chicken						Duck		Goose		Quail	
	Native		Sasoo		Kabir		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	2,184	472	3	2	3	2	292	55	172	53	153	17
Cavite City	10	1	2	1	2	1	42	4	28	5	2	1
Kawit	707	233					26	12	111	46		
Noveleta	642	133	1	1	1	1	120	23	33	2	151	16
Rosario	825	105					104	16				
District II	1,911	191	236	25	161	20	499	39	182	25		
Bacoor	1,911	191	236	25	161	20	499	39	182	25		
District III	14,185	670	638	46			4,951	148			2,352	29
Imus	14,185	670	638	46			4,951	148			2,352	29
District IV	10,350	3,519					1,120	260	92	26		
Dasmarinas	10,350	3,519					1,120	260	92	26		
District V	21,595	2,728	7	6	127	35	1,219	337	122	37		
Carmona	8,295	763					464	133	13	5		
Gen. M. Alvarez	4,180	719					574	158	19	5		
Silang	9,120	1,246	7	6	127	35	181	46	90	27		
District VI	31,941	2,829	20	2	1,276	300	10,479	780	754	223	14	13
Trece Martires City	3,785	512	20	2			1,673	102	167	45		
Amadeo	3,103	527					276	71			14	8
Gen. Trias	20,216	1,250			1,276	300	6,519	410	524	170		5
Tanza	4,837	540					2,011	197	63	8		
District VII	72,493	10,206	545	114	710	159	3,473	359	462	81	281	20
Tagaytay City	2,015	670					20	5				
Alfonso	13,037	1,165					438	99	107	23		
Gen. Aguinaldo	9,504	845					71	23	42	8		
Indang	2,610	1,900					29	8				
Magallanes	5,550	448					117	13	5	1		
Maragondon	16,065	2,415					949	40	24	6		
Mendez	11,680	1,091					200	31	61	11	135	14
Naic	9,487	1,287	545	114	710	159	1,499	138	223	32	146	6
Ternate	2,545	385					150	2				
GRAND TOTAL	154,659	20,615	1,449	195	2,277	516	22,033	1,978	1,784	445	2,800	79

Source: Office of the Provincial Veterinarian, Trece Martires City

Commercial/Semi-Commercial Livestock and Poultry 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 2,605 heads while hog and goat have 604,416 heads and 3,314 heads respectively. It is noted that District VI has a record of the highest hog population with 386,737 heads followed by District VII having 135,103 heads. Poultry populations in commercial farms include breeder with 581,647 population, layer with 903,795 population, contract broiler with 7,367,038 and duck with 9,970 populations. Game fowl breeder population is 34,971 (Table 6.31).

Table 6.31. Livestock and Poultry Population in Commercial/Semi-Commercial Farms by City/Municipality, Province of Cavite: 2009

City/Municipality	Number of Population (heads)											
	Commercial/Semi-Commercial Livestock Farms							Commercial Poultry Farms				
	Cattle	Carabao	Hog	Goat	Sheep	Deer	Quail	Breeder	Layer	Contract Broiler	Duck	Game fowl Breeder
District I	105		3,811				5,000					1,303
Cavite City			446									
Kawit			2,849				5,000					590
Noveleta			516									
Rosario	105											713
District II	73		4,707	251	15					40,000	200	509
Bacoor	73		4,707	251	15					40,000	200	509
District III			33,517				14,500			13,000		613
Imus			33,517				14,500			13,000		613
District IV	83		11,250	320		30			56,000	1,363,000		790
Dasmariñas City	83		11,250	320		30			56,000	1,363,000		790
District V	232		29,291	180	85			17,000	216,200	1,209,750		11,772
Carmona					85			17,000				852
Gen. M. Alvarez			596						2,200			
Silang	232		28,695	180					214,000	1,209,750		10,920
District VI	1,647	65	386,737	1,889	100		23,700	49,000	135,000	797,000	4,270	9,776
Trece Martires City	10		64,025	505			1,000		5,000	578,000		
Amadeo	155		9,878	108			3,500	49,000	130,000	119,000	100	2,672
Gen. Trias	743		308,354	1,075			14,500				1,670	4,677
Tanza	739	65	4,480	201	100		4,700			100,000	2,500	2,427
District VII	465	12	135,103	674	90	30	22,000	515,647	496,595	3,944,288	5,500	10,208
Tagaytay City			750					23,000	10,000	30,000		1,023
Alfonso			4,955	101				86,670	18,595	88,000		3,233
Gen. Aguinaldo			12,719	47					40,000	1,328,000	1,500	300
Indang			2,804						92,000	404,500	4,000	1,669
Magallanes	185		26,297				16,000	357,977	181,000	506,788		682
Maragondon	248		3,357	334			6,000			138,000		1,973
Mendez			1,333	150	90	30			55,000	1,000		280
Naic	32	12	67,888	42				48,000	100,000	1,448,000		1,048
Ternate			15,000									
GRAND TOTAL	2,605	77	604,416	3,314	290	60	65,200	581,647	903,795	7,367,038	9,970	34,971

Source: Office of the Provincial Veterinarian, Trece Martires City

Support Facilities

The availability of agricultural support facilities plays 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 clinic, pet shops and meat shops available in the province (Table 6.32).

Table 6.32. Support Facilities by City/Municipality, Province of Cavite: 2009

City/Municipality	Type of Facilities							
	Feedmills	Feed Dealers/ Veterinary Drugstores	Veterinary Clinic	Dressing Plant	Slaughter House	Meat Processing Plant	Meat Shop	Pet Shop
District I		20	2	9	4		173	7
Cavite City		10	1	2	1		70	3
Kawit		4	1	5	2		42	2
Noveleta		3		2	1		22	
Rosario		3					39	2
District II		81	13	13	5		85	26
Bacoor		81	13	13	5		85	26
District III		11	3	22	2	1		
Imus		11	3	22	2	1		
District IV		31		14	21	2	60	13
Dasmariñas City		31		14	21	2	60	13
District V	3	41		4	18	2	74	7
Carmona		8		1	5	1	19	2
Gen. M. Alvarez		7		2	1		25	1
Silang	3	26		1	12	1	30	4
District VI	2	38	2	3	15	3	52	7
Trace Martinez City	2	4			1		11	2
Amadeo		10			1		17	
Gen. Trias		10		2	13	1		3
Tanza		14	2	1		2	24	2
District VII	1	68	1	7	37	1	123	4
Tagaytay City		4			1		3	
Alfonso	1	13		1	8		31	
Gen. Aguinaldo		17			7			
Indang		5		1	1	1	45	
Magallanes		12			6		5	1
Maragondon		5		2	3		9	
Mendez		7			7			2
Naic		3	1		1		30	1
Ternate		2		3	3			
GRAND TOTAL	6	290	21	72	102	9	567	64

Source: Office of the Provincial Veterinarian, Trece Martires City