

## Chapter 6. Economic Sector

### Agriculture

Agriculture is the science, art, or occupation concerned with cultivating land, producing crops, and feeding, breeding and raising livestock (*dictionary.com*); and these were among the agricultural activities that the farm workers in Cavite had been actively involved with. Furthermore, fishery is also another major component of the agricultural sector wherein the province is home to numerous fishery activities providing livelihood to

**Table 6A** Total Agricultural and Non-Agricultural Area and Number of Farmers by City/Municipality, Province of Cavite: 2015

City/Municipality	Hectares			Percentage Contribution		Number of Farmers
	Land Area	Agricultural Area	Non-Agricultural Area	Agricultural Area	Non-Agricultural Area	
<b>1<sup>st</sup> District</b>	<b>3,631.00</b>	<b>255.20</b>	<b>3,375.80</b>	<b>7.03</b>	<b>92.97</b>	<b>452</b>
Cavite City	1,183.00		1,183.00		100.00	
Kawit	1,340.00	174.50	1,165.50	13.02	86.98	385
Noveleta	541.00	53.70	487.30	9.93	90.07	28
Rosario	567.00	27.00	540.00	4.76	95.24	39
<b>2<sup>nd</sup> District</b>	<b>5,240.00</b>	<b>300.00</b>	<b>4,940.00</b>	<b>5.73</b>	<b>94.27</b>	<b>350</b>
City of Bacoor	5,240.00	300.00	4,940.00	5.73	94.27	350
<b>3<sup>rd</sup> District</b>	<b>9,701.00</b>	<b>1,071.63</b>	<b>8,629.37</b>	<b>11.05</b>	<b>88.95</b>	<b>486</b>
City of Imus	9,701.00	1,071.63	8,629.37	11.05	88.95	486
<b>4<sup>th</sup> District</b>	<b>8,234.00</b>	<b>2,045.56</b>	<b>6,188.44</b>	<b>24.84</b>	<b>75.16</b>	<b>5,270</b>
City of Dasmariñas	8,234.00	2,045.56	6,188.44	24.84	75.16	5,270
<b>5<sup>th</sup> District</b>	<b>19,671.00</b>	<b>10,428.63</b>	<b>9,242.37</b>	<b>53.02</b>	<b>46.98</b>	<b>4,595</b>
Carmona	3,092.00	903.22	2,188.78	29.21	70.79	346
Gen. Mariano Alvarez	938.00	207.00	731.00	22.07	77.93	553
Silang	15,641.00	9,318.41	6,322.59	59.58	40.42	3,696
<b>6<sup>th</sup> District</b>	<b>30,105.00</b>	<b>10,562.22</b>	<b>19,542.78</b>	<b>35.08</b>	<b>64.92</b>	<b>7,868</b>
Amadeo	4,790.00	4,500.00	290.00	93.95	6.05	4,000
City of Gen. Trias	11,768.00	3,745.51	8,022.49	31.83	68.17	1,589
Tanza	9,630.00	1,896.71	7,733.29	19.70	80.30	1,281
Trece Martires City	3,917.00	420.00	3,497.00	10.72	89.28	998
<b>7<sup>th</sup> District</b>	<b>66,124.00</b>	<b>37,589.45</b>	<b>28,534.55</b>	<b>56.85</b>	<b>43.15</b>	<b>19,002</b>
Alfonso	6,460.00	5,583.08	876.92	86.43	13.57	2,790
Gen. E. Aguinaldo	5,103.00	3,598.00	1,505.00	70.51	29.49	1,382
Indang	8,920.00	7,189.42	1,730.58	80.60	19.40	4,395
Magallanes	7,860.00	5,571.00	2,289.00	70.88	29.12	2,144
Maragondon	16,549.00	7,359.67	9,189.33	44.47	55.53	3,323
Mendez	1,667.00	1,327.00	340.00	79.60	20.40	1,075
Naic	8,600.00	5,166.38	3,433.62	60.07	39.93	1,135
Tagaytay City	6,615.00	1,272.00	5,343.00	19.23	80.77	2,446
Ternate	4,350.00	522.90	3,827.10	12.02	87.98	312
<b>Total</b>	<b>142,706.00</b>	<b>62,252.69</b>	<b>80,453.31</b>	<b>43.62</b>	<b>56.38</b>	<b>38,023</b>

Source: Office of the Provincial Agriculturist, Trece Martires City

many Caviteños and food production source, as well. Aside from the coastal areas, there are also other lowland and upland municipalities and cities that have minimal areas devoted to fresh water fishponds.

Downward trend in agricultural areas were noted from years 2012 to 2015. In 2012, it was reported at 71,590.71 hectares while in 2013, the area was posted at 65,603.88 hectares. Compared to 2014's agricultural area of 64,296.10 hectares, it decreased by 2,043.41 hectares or 3.18% in 2015, which totaled to 62,252.69 hectares. It is only about 43.62% of the total land area of the province. Generally, the decrease was attributed, according to the Office of the Provincial Agriculturist to the conversion of these lands to residential/ subdivision development and industrial areas, other areas are categorized as forest and Network of Protected Areas and Agro-Industrial Development (NPAAD) and there are areas that are no longer cultivated and were used for other purposes.

Of the total agricultural area, the municipality of Silang has the biggest area intended for agriculture with 9,318.41 hectares followed by the municipalities of Maragondon and Indang having 7,359.67 hectares and 7,189.42 hectares respectively. Cavite City, except for some parts of the coastline area with coconut trees, has no longer available land for agriculture related activities and industries. Meanwhile, non-agricultural area of the province totaled to 80,453.31 hectares (Table 6A).

## Crop Production

Despite the decrease in agricultural area, the province has still a lot of potentials in the production of corn, coffee, vegetables and other high value crops. Cavite's fertile and alluvial soil types and favorable climatic condition make it highly suitable for crop production. The lowland areas are suited for rice, corn and vegetable production. The central area is recommended for diversified farming such as cultivation of upland rice, corn, sugarcane, vegetables, root crops, coconut, coffee, mangoes and other fruits. The upland area is suitable for cut flowers, orchard and pastures (*The Provincial Local Government Units Agriculture and Fisheries Modernization Plan 2015-2020, Cavite Province*).

Crop production is the growing of staple food crops, fruits, nuts and other food crops and commercial crops ([www.nscb.gov.ph](http://www.nscb.gov.ph)) and it is the major component of agricultural activities in the province. The total area devoted to crop production was registered at 88.25% of the total agricultural area or 54,937.41 hectares. Of these, 16,494.72 hectares are planted with food crops registering production volume of 98,918.93 metric tons. Rice contributed the highest production with 55,769.49 metric tons. Vegetables followed with 26,285.81 metric

tons produce. Industrial/commercial crops which are planted at 38,405.95 hectares contributed a total crop production of 192,357.61 metric tons, almost 82M nuts and 242,000 poles of bamboo. Among these crops, coconut has the widest planted area with 16,996.90 hectares followed by coffee with 8,705.24 hectares and production of 7,411.68 metric tons. Furthermore, the province has only 36.74 hectares intended for cut flowers, ornamentals & Sampaguita industry which contribute to a production volume of 55,250 dozen, 195,540 pots and 7.15 metric tons respectively. The area planted to other crops and its production data is presented in Table 6B.

**Table 6B** Major Crops Planted and Total Production, Province of Cavite: 2015

Major Crops	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
<b>Food Crops</b>	<b>16,494.72</b>	<b>16,444.34</b>	<b>98,918.93</b>	<b>27,609</b>
Rice	12,452.45	12,577.74	55,769.49	6,536
Irrigated	11,585.69	11,704.48	53,612.64	5,745
Rainfed	340.00	340.00	1,026.46	201
Upland	526.76	533.26	1,130.39	590
Corn	1,030.85	1,049.32	4,990.68	1,796
Green corn	749.23	755.85	3,598.23	1,200
Yellow corn	281.62	293.47	1,392.45	596
Vegetables	2,118.41	2,089.54	26,285.81	15,944
Leafy	219.18	218.40	1,519.63	3,296
Fruit	1,334.43	1,327.27	18,962.57	8,814
Legumes	365.72	354.91	2,677.60	2,537
Root	186.92	178.40	2,951.05	1,154
Bulb	12.15	10.56	174.96	143
Root crops	893.02	727.74	11,872.96	3,333
<b>Industrial/ Commercial Crops</b>	<b>38,405.95</b>	<b>31,986.28</b>	<b>192,357.61</b>	<b>51,179</b>
			<b>81,547,258 nuts</b>	
			<b>242,000 poles</b>	
Coconut	16,996.90	11,291.55	81,547,258 nuts	14,019
Coffee	8,705.24	8,625.34	7,411.68	10,936
Banana	3,056.42	2,913.03	25,665.47	9,437
Pineapple	1,524.14	1,370.70	33,738.81	2,081
Mango	1,499.37	1,368.76	20,342.02	3,234

Major Crops	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
Papaya	252.23	249.56	3,699.45	1,222
Peanut	116.90	116.90	367.00	301
Sugarcane	2,446.50	2,446.50	81,766.00	236
Black Pepper	571.25	528.06	657.67	1,547
Dragon Fruit	25.75	23.25	227.30	58
Other Fruit Trees	2,180.37	2,025.08	17,922.06	7,607
Other Fruits	30.88	27.56	560.15	51
Muskmelon	2.00	0.80	14.00	2
Watermelon	28.88	26.76	546.15	49
Bamboo	1,000.00	1,000.00	242,000 poles	450
<b>Cutflowers</b>	<b>36.74</b>	<b>36.74</b>	<b>55,250 dozen</b>	<b>740</b>
<b>Ornamentals</b>			<b>195,540 pots</b>	
<b>Sampaguita</b>			<b>7.15</b>	
Cut flowers (dozen)	17.45	17.45	55,250	391
Anthurium	3.02	3.02	12,098	167
Orchids	14.43	14.43	43,152	224
Ornamental (pots)	11.79	11.79	195,540	256
Sampaguita (m.t.)	7.50	7.50	7.15	93
			<b>291,283.69</b>	
<b>Total</b>	<b>54,937.41</b>	<b>48,467.37</b>	<b>81,547,258 nuts</b>	<b>79,528</b>
			<b>242,000 poles</b>	
			<b>55,250 dozen</b>	
			<b>195,540 pots</b>	

Source: Office of the Provincial Agriculturist, Trece Martires City

Total area planted to crops and total production by city/municipality as presented in Table 6C shows that the municipality of Magallanes, having the widest planted area contributed the highest crop and coconut production of 85,319.69 metric tons and 23,516,766 nuts respectively. This could be due to double cropping of certain crops and the presence of sugarcane industry contributing production volume of 77,566.00 metric tons. The municipality of Silang, despite having the biggest area for agriculture ranked second for crop production registering 37,708.92 metric tons produced wherein pineapple contributed the strongest growth in production with 20,350.00 metric tons. In addition, Silang ranked fourth in producing coconut but is noted for its cut flower and ornamental industries producing 37,819 dozens and 193,675 pots respectively. Ranked third in crop production is the municipality of Alfonso registering 20,458.07 metric tons produce. The municipality of Rosario with 27.00 hectares agricultural land did not utilize it for crop production.

Summarizing crop production by district, 7<sup>th</sup> District registered 181,703.59 metric tons while 5<sup>th</sup> District has 40,862.96 metric tons harvest. Moreover, 6<sup>th</sup> District which includes 7.15 metric tons of sampaguita harvested at Trece Martires City posted a production of 36,564.98 metric tons while 4<sup>th</sup> District (City of Dasmariñas) and

3<sup>rd</sup> District (City of Imus) contributed 17,802.66 metric tons and 12,594.15 metric tons, respectively. The City of Bacoor, 2<sup>nd</sup> District of the province has a crop production of 574.05 metric tons while the municipalities of Kawit and Noveleta of 1<sup>st</sup> District registered a total of 1,181.31 metric tons. In terms of coconut industry, data gathered from Philippine Coconut Authority shows that the leading producers of this crop are the municipalities of Magallanes, Gen. E. Aguinaldo, Indang and Silang. Coconut production totaled to 81,547,258 coconuts. Bamboo plant which was harvested from the municipality of Maragondon also contributed production of 242,000 poles.

**Table 6C** Total Area Planted to Crops and Total Production by City/Municipality, Province of Cavite: 2015

City/ Municipality	Total Area Planted to Crops (Hectares)	Total Production				
		All crops (m.t.)	Coconut (pcs.)	Cutflowers (dozen)	Ornamentals (pots)	Bambo o (poles)
<b>1<sup>st</sup> District</b>	<b>234.88</b>	<b>1,181.31</b>				
Cavite City	3.55					
Kawit	204.80	1,002.71				
Noveleta	26.53	178.60				
Rosario						
<b>2<sup>nd</sup> District</b>	<b>167.58</b>	<b>574.04</b>				
City of Bacoor	167.58	574.04				
<b>3<sup>rd</sup> District</b>	<b>2,245.49</b>	<b>12,594.15</b>				
City of Imus	2,245.49	12,594.15				
<b>4<sup>th</sup> District</b>	<b>1,726.85</b>	<b>17,802.66</b>				
City of Dasmariñas	1,726.85	17,802.66				
<b>5<sup>th</sup> District</b>	<b>7,649.24</b>	<b>40,862.96</b>	<b>13,533,416</b>	<b>37,819</b>	<b>193,675</b>	
Carmona	486.15	2,626.42				
Gen. Mariano Alvarez	159.20	527.62	385,000			
Silang	7,003.89	37,708.92	13,148,416	37,819	193,675	
<b>6<sup>th</sup> District</b>	<b>9,627.37</b>	<b>36,564.98</b>	<b>1,446,275</b>	<b>15,848</b>	<b>1,865</b>	
Amadeo	4,843.28	10,479.80	530,250		1,865	
City of Gen. Trias	2,096.64	10,555.66	281,300			
Tanza	1,915.51	10,632.11				

City/ Municipality	Total Area Planted to Crops (Hectares)	Total Production				
		All crops (m.t.)	Coconut (pcs.)	Cutflowers (dozen)	Ornamentals (pots)	Bambo o (poles)
Trece Martires City	771.94	4,897.41	634,725	15,848		
<b>7<sup>th</sup> District</b>	<b>33,285.99</b>	<b>181,703.59</b>	<b>66,567,567</b>	<b>1,583</b>		<b>242,000</b>
Alfonso	5,092.79	20,458.07	4,522,722	161		
Gen. E. Aguinaldo	4,384.07	8,749.63	18,948,420	1,422		
Indang	5,858.25	17,738.06	15,483,300			
Magallanes	7,261.54	85,319.69	23,516,766			
Maragondon	4,217.21	12,701.82	3,637,080			242,000
Mendez	1,160.50	5,539.05	123,396			
Naic	3,487.28	20,228.59	102,000			
Tagaytay City	1,094.56	7,249.33	40,698			
Ternate	729.79	3,719.35	193,185			
<b>Total</b>	<b>54,937.41</b>	<b>291,283.69</b>	<b>81,547,258</b>	<b>55,250</b>	<b>195,540</b>	<b>242,000</b>

Source: Office of the Provincial Agriculturist, Trece Martires City

## Food Crops

### Rice

In Cavite, rice is grown in lowland areas and is also evident in the upland areas of the province. With a total planted area of 12,452.45 hectares, rice production was posted at 55,769.49 metric tons, a 14.73% or 7,159.89 metric tons increase compared to 2014's 48,609.60 metric tons harvests. This was attributed by the

intervention of High Technology Adaptation Program from the national government, provision of registered and certified seeds to rice farmers and close supervision of Agriculture Extension workers (Agricultural Profile 2015, Office of the Provincial Agriculturist, Trece Martires City).

**Table 6D** Rice Production by City/Municipality, Province of Cavite: 2015

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
<b>1<sup>st</sup> District</b>	<b>182.10</b>	<b>182.10</b>	<b>693.30</b>	<b>78</b>
Kawit	180.00	180.00	687.00	76
Noveleta	2.10	2.10	6.30	2
<b>2<sup>nd</sup> District</b>	<b>151.20</b>	<b>138.40</b>	<b>501.43</b>	<b>82</b>
City of Bacoor	151.20	138.40	501.43	82
<b>3<sup>rd</sup> District</b>	<b>1,958.75</b>	<b>1,860.75</b>	<b>8,717.84</b>	<b>486</b>
City of Imus	1,958.75	1,860.75	8,717.84	486
<b>4<sup>th</sup> District</b>	<b>863.30</b>	<b>959.80</b>	<b>4,728.50</b>	<b>358</b>
City of Dasmariñas	863.30	959.80	4,728.50	358
<b>5<sup>th</sup> District</b>	<b>496.00</b>	<b>491.00</b>	<b>1,873.00</b>	<b>304</b>
Carmona	335.00	330.00	1,551.00	161
Silang	161.00	161.00	322.00	143
<b>6<sup>th</sup> District</b>	<b>3,471.65</b>	<b>3,489.34</b>	<b>15,213.16</b>	<b>1,766</b>
City of Gen. Trias	1,782.90	1,716.09	7,718.07	1,126
Tanza	1,656.75	1,741.25	7,431.09	586
Trece Martires City	32.00	32.00	64.00	54
<b>7<sup>th</sup> District</b>	<b>5,329.45</b>	<b>5,456.35</b>	<b>24,042.26</b>	<b>3,462</b>
Gen. E. Aguinaldo	5.00	5.00	10.00	10
Magallanes	5.00	5.00	15.00	20
Maragondon	1,747.14	1,774.58	6,846.36	1,295
Naic	3,045.81	3,106.57	14,581.50	1,877
Ternate	526.50	565.20	2,589.40	260
<b>Total</b>	<b>12,452.45</b>	<b>12,577.74</b>	<b>55,769.49</b>	<b>6,536</b>

Source: Office of the Provincial Agriculturist, Trece Martires City

Table 6D shows that the municipality of Naic contributed the highest production of 26.15% or 14,581.50 metric tons, followed by the City of Imus having 8,717.84 metric tons harvests or 15.63%. The other leading producers of rice are the City of Gen. Trias with 13.84% harvests or 7,718.07 metric tons, the municipalities of Tanza contributing 13.32% or 7,431.09 metric tons and Maragondon with 6,846.36 metric tons or 19.81%. The least producer with only 6.30 metric tons was registered at the municipality of Noveleta.

## Corn

Corn production has slightly increased by about 0.89% or 44.05 metric tons, compared to 2014's harvest of 4,946.63 metric tons. Total production was registered at 4,990.68 metric tons. The municipality of Silang contributed 23.49% of the total harvest or 1,172.12 metric tons while Gen. E. Aguinaldo produced 890.62 metric tons harvest or 17.85%. Meanwhile, the City of Gen. Trias has only 0.12% harvest or 6.00 metric tons. Corn farmers totaled to 1,796. Corn production of other cities and municipalities are also presented at Table 6E.

## Vegetables

In the lowland municipalities, vegetables tend to be the priority crops next to rice while in the upland municipalities, vegetables were planted with an intercrop due to short period of cropping and can easily be marketed. Grown year round, vegetable production is an important source of additional income for Cavite farmers.

Area planted to vegetables totaled to 2,118.41 hectares by which 15,944 farmers worked on it. Based on data gathered, an increase of 32.18% was posted in 2015 cropping season of vegetables. From 19,886.74 metric tons production in 2014, it reached to 26,285 metric tons.

**Table 6E** Corn Production by City/ Municipality Province of Cavite: 2015

City/ Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
<b>1<sup>st</sup> District</b>	<b>11.00</b>	<b>22.00</b>	<b>77.00</b>	<b>10</b>
Noveleta	11.00	22.00	77.00	10
<b>4<sup>th</sup> District</b>	<b>128.40</b>	<b>142.40</b>	<b>766.30</b>	<b>270</b>
City of Dasmariñas	128.40	142.40	766.30	270
<b>5<sup>th</sup> District</b>	<b>401.08</b>	<b>327.55</b>	<b>1,582.50</b>	<b>769</b>
Carmona	50.50	50.50	282.50	109
Gen. Mariano Alvarez	33.50	33.25	127.88	85
Silang	317.08	243.80	1,172.12	575
<b>6<sup>th</sup> District</b>	<b>94.77</b>	<b>93.77</b>	<b>447.81</b>	<b>149</b>
Amadeo	7.00	6.00	28.50	37
City of Gen. Trias	1.00	1.00	6.00	1
Tanza	12.77	12.77	43.31	11
Trece Martires City	74.00	74.00	370.00	100
<b>7<sup>th</sup> District</b>	<b>395.60</b>	<b>463.60</b>	<b>2,117.07</b>	<b>598</b>
Alfonso	58.20	59.50	302.38	152
Gen. E. Aguinaldo	118.40	186.10	890.62	161
Indang	36.00	36.00	182.07	70
Magallanes	74.00	76.00	377.00	97
Maragondon	103.00	103.00	356.00	102
Ternate	6.00	3.00	9.00	16
<b>Total</b>	<b>1,030.85</b>	<b>1,049.32</b>	<b>4,990.68</b>	<b>1,796</b>

Source: Office of the Provincial Agriculturist, Trece Martires City



**Table 6F** Vegetable Production by City/Municipality, Province of Cavite: 2015

City/Municipality	Area Planted (Hectares)	Area Harvested	Production (Metric Tons)	Farmers Served
<b>1<sup>st</sup> District</b>	<b>25.98</b>	<b>25.93</b>	<b>228.26</b>	<b>341</b>
Kawit	14.55	14.50	161.96	175
Noveleta	11.43	11.43	66.30	166
<b>2<sup>nd</sup> District</b>	<b>9.38</b>	<b>9.28</b>	<b>39.81</b>	<b>213</b>
City of Bacoor	9.38	9.28	39.81	213
<b>3<sup>rd</sup> District</b>	<b>180.74</b>	<b>180.74</b>	<b>2,328.26</b>	<b>541</b>
City of Imus	180.74	180.74	2,328.26	541
<b>4<sup>th</sup> District</b>	<b>247.55</b>	<b>247.02</b>	<b>2,795.03</b>	<b>578</b>
City of Dasmariñas	247.55	247.02	2,795.03	578
<b>5<sup>th</sup> District</b>	<b>358.91</b>	<b>354.21</b>	<b>3,902.96</b>	<b>4,583</b>
Carmona	19.25	19.00	261.82	198
Gen. Mariano				
Alvarez	12.10	12.05	88.64	213
Silang	327.56	323.16	3,552.50	4,172
<b>6<sup>th</sup> District</b>	<b>407.08</b>	<b>399.18</b>	<b>5,394.93</b>	<b>2,292</b>
Amadeo	41.62	40.12	548.20	700
City of Gen. Trias	77.18	76.60	1,099.44	679
Tanza	205.02	199.20	2,731.46	324
Trece Martires City	83.26	83.26	1,015.83	589
<b>7<sup>th</sup> District</b>	<b>888.77</b>	<b>873.19</b>	<b>11,596.56</b>	<b>7,396</b>
Alfonso	421.42	414.52	5,914.78	2,313
Gen. E. Aguinaldo	95.92	92.35	940.38	1,164
Indang	29.45	29.45	315.51	438
Magallanes	139.81	137.62	1,641.87	641
Maragondon	29.37	29.27	409.51	209
Mendez	46.42	46.42	539.67	706
Naic	43.80	43.50	674.87	339
Tagaytay City	69.98	69.06	1,056.62	1,497
Ternate	12.60	11.00	103.35	89
<b>Total</b>	<b>2,118.41</b>	<b>2,089.55</b>	<b>26,285.81</b>	<b>15,944</b>

Source: Office of the Provincial Agriculturist, Trece Martires City

### Root Crops

With harvested area of 727.74 hectares, production of root crops totaled to 11,872.96 metric tons. Production performance indicated the municipality of Alfonso as top producer among the city/municipality of the province with 24.73% contribution or 2,936.03 metric tons. The municipality of Silang followed next with production volume of 2,835.94 metric tons or 23.89% while the municipalities of Magallanes and Indang registered production of 1,416.67 metric tons and 1,272.55 metric tons, ranked third and fourth, respectively.

As presented at Table 6F, ranked first in vegetable production is the municipality of Alfonso with 5,914.78 metric tons or 22.50% of the total harvest followed by the municipality of Silang having 31.51% or 3,552.50 metric tons. In addition, the City of Dasmariñas contributed 10.63% or 2,795.03 metric tons while municipality of Tanza has a record of 2,731.46 metric tons or 10.39% harvest. The City of Bacoor has only 0.15% harvest or 39.81 metric tons.

**Table 6G** Rootcrops Production by City/Municipality Province of Cavite: 2015

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
<b>4<sup>th</sup> District</b>	<b>29.10</b>	<b>29.10</b>	<b>226.50</b>	<b>39</b>
City of Dasmariñas	29.10	29.10	226.50	39
<b>5<sup>th</sup> District</b>	<b>310.80</b>	<b>159.19</b>	<b>3,087.54</b>	<b>1,052</b>
Carmona	9.75	9.75	177.60	24
Gen. Mariano				
Alvarez	3.55	3.55	74.00	6
Silang	297.50	145.89	2,835.94	1,022
<b>6<sup>th</sup> District</b>	<b>91.60</b>	<b>91.60</b>	<b>1,518.55</b>	<b>284</b>
Amadeo	36.00	36.00	660.30	73
Trece Martires City				
City	55.60	55.60	858.25	211
<b>7<sup>th</sup> District</b>	<b>461.52</b>	<b>447.85</b>	<b>7,040.37</b>	<b>1,958</b>
Alfonso	194.29	189.69	2,936.03	614
Gen. E.				
Aguinaldo	34.4	29.75	382.5	222
Indang	83.45	83.45	1,271.55	350
Magallanes	81	76.58	1,416.67	185
Maragondon	1.05	1.05	17.35	9
Mendez	19.5	19.5	292.5	320
Tagaytay City	47.83	47.83	723.77	258
<b>Total</b>	<b>893.02</b>	<b>727.74</b>	<b>11,872.96</b>	<b>3,333</b>

Source: Office of the Provincial Agriculturist, Trece Martires City

### Industrial/Commercial Crops

#### Coconut

Coconut ranks first among the province's industrial crops in terms of hectareage. With the efforts of the national government through the Philippine Coconut Authority personnel based in the province, coconut occupies 16,996.90 hectares and is harvested mostly from 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> Districts of the province. Its production is mainly concentrated in 7<sup>th</sup> District by which the municipality of Magallanes contributed the greatest production posted at 28.84% or 23,516,766 coconuts followed by the municipality of Gen. E. Aguinaldo contributing 18,948,420 coconuts or 23.24% of the total harvest and the municipality of Indang with 18.99% production or 15,483,300 coconuts.

**Table 6H** Coconut Production by City/Municipality, Province of Cavite:  
2015

The municipality of Silang from 5<sup>th</sup> District ranked fourth with 13,148,416 coconuts or 16.12% production. PCA reported that though Cavite City, the Cities of Bacoor, Imus, Dasmariñas and the municipalities of Carmona and Tanza has an area planted to this crop, these are mostly backyard and ornamental planting purposes only (Table 6H).

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (pcs.)	Farmers Served (Number)
<b>1<sup>st</sup> District</b>	<b>3.55</b>			<b>2</b>
Cavite City	3.55			2
<b>2<sup>nd</sup> District</b>	<b>3.00</b>			<b>1</b>
City of Bacoor	3.00			1
<b>3<sup>rd</sup> District</b>	<b>1.00</b>			<b>2</b>
City of Imus	1.00			2
<b>4<sup>th</sup> District</b>	<b>14.50</b>			<b>11</b>
City of Dasmariñas	14.50			11
<b>5<sup>th</sup> District</b>	<b>2,814.38</b>	<b>2,124.44</b>	<b>13,533,416</b>	<b>2,891</b>
Carmona	21.40			9
Gen. Mariano Alvarez	86.05	70.00	385,000	74
Silang	2,706.93	2,054.44	13,148,416	2,808
<b>6<sup>th</sup> District</b>	<b>744.32</b>	<b>239.18</b>	<b>1,446,275</b>	<b>587</b>
Amadeo	348.41	106.05	530,250	252
City of Gen. Trias	90.92	48.50	281,300	57
Tanza	12.50			11
Trece Martires City	292.49	84.63	634,725	267
<b>7<sup>th</sup> District</b>	<b>13,416.15</b>	<b>8,927.93</b>	<b>66,567,567</b>	<b>10,525</b>
Alfonso	2,142.84	1,190.19	4,522,722	2,116
Gen. E. Aguinaldo	2,769.54	2,105.38	18,948,420	1,991
Indang	3,654.65	2,211.90	15,483,300	3,349
Magallanes	3,929.45	3,014.97	23,516,766	2,055
Maragondon	675.73	303.09	3,637,080	508
Mendez	120.48	29.38	123,396	379
Naic	50.67	20.40	102,000	33
Tagaytay City	9.50	9.69	40,698	20
Ternate	63.29	42.93	193,185	74
<b>Total</b>	<b>16,996.90</b>	<b>11,291.55</b>	<b>81,547,258</b>	<b>14,019</b>

Source: Office of the Provincial Agriculturist, Trece Martires City

## Coffee

Coffee is one of the high value crops of the province and among the industrial/commercial crops grown in Cavite, coffee ranked second in terms of hectarage with 8,705.24 hectares. Three major coffee varieties are being cultivated in the province, namely robusta, excelsa and liberica. Production of these varieties totaled to 7,411.68 metric tons wherein robusta has the greatest production of 6,965.24 metric tons, while excelsa and liberica was registered at 356.45 metric tons and 90 metric tons respectively.

The municipality of Amadeo, having the widest planted area leads among the coffee producers with 45.33% production or 3,359.40 metric tons, followed by the municipality of Silang with 18.10%

harvests or 1,341.20 metric tons and the municipality of Alfonso with 638.40 metric tons or 8.61% production (Table 6I).

Based on data gathered, a 1.89% decrease or 142.47 metric tons was registered as compared to 2014 production of 7,554.15 metric tons. In line with this, the provincial government through the Office of the Provincial Agriculturist is continuously providing seeds and seedlings of different varieties for distribution to coffee farmers as part of rehabilitation program of Cavite Coffee Industry. In 2015, a total of 5,260 assorted coffee seedlings were produced and distributed (Agricultural Profile 2015, Office of the Provincial Agriculturist, Trece Martires City).

**Table 6I** Coffee Production by City/Municipality  
Province of Cavite: 2015

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
<b>5<sup>th</sup> District</b>	<b>1,349.05</b>	<b>1,341.20</b>	<b>1,341.20</b>	<b>1,276</b>
Silang	1,349.05	1,341.20	1,341.20	1,276
<b>6<sup>th</sup> District</b>	<b>3,775.35</b>	<b>3,773.35</b>	<b>3,365.60</b>	<b>4,645</b>
Amadeo	3,766.50	3,764.50	3,359.40	4,630
City of Gen. Trias	8.85	8.85	6.20	15
<b>7<sup>th</sup> District</b>	<b>3,580.84</b>	<b>3,510.79</b>	<b>2,704.88</b>	<b>5,015</b>
Alfonso	1,118.09	1,117.34	638.40	1,663
Gen. Aguinaldo	349.50	342.00	322.56	902
Indang	614.90	614.90	514.25	572
Magallanes	164.00	105.00	73.45	140
Maragondon	85.50	85.50	70.25	178
Mendez	687.00	687.00	585.35	890
Tagaytay City	558.35	555.55	498.17	648
Ternate	3.50	3.50	2.45	22
<b>Total</b>	<b>8,705.24</b>	<b>8,625.34</b>	<b>7,411.68</b>	<b>10,936</b>

Source: Office of the Provincial Agriculturist, Trece Martires City

## Banana

Banana is available for harvest throughout the year and being one of the best sources of potassium, is a favorite food for everyone. Production performance of this crop posted a 41.05% increase (7,469.27 metric tons) giving a production volume of 25,665.47 metric tons in 2015. The municipality of Amadeo has the highest production registered at 15.28% or 3,921.15 metric tons. Ranked second was the municipality of Indang having 3,689.00 metric tons or 14.37% production

followed by the municipality of Gen. E. Aguinaldo with 12.56% production or 3,222.50 metric tons. Lowest production was observed at 16.22 metric tons from municipality of Naic (Table 6J).

**Table 6J** Banana Production by City/Municipality, Province of Cavite: 2015

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
<b>2<sup>nd</sup> District</b>	<b>2.00</b>	<b>1.55</b>	<b>16.80</b>	<b>15</b>
City of Bacoor	2.00	1.55	16.80	15
<b>4<sup>th</sup> District</b>	<b>48.90</b>	<b>48.90</b>	<b>513.25</b>	<b>100</b>
City of Dasmariñas	48.90	48.90	513.25	100
<b>5<sup>th</sup> District</b>	<b>440.70</b>	<b>421.70</b>	<b>3,498.92</b>	<b>1,732</b>
Carmona	42.00	23.00	235.20	96
Gen. Mariano Alvarez	15.00	15.00	119.30	70
Silang	383.70	383.70	3,144.42	1,566
<b>6<sup>th</sup> District</b>	<b>567.75</b>	<b>564.60</b>	<b>4,834.55</b>	<b>1,041</b>
Amadeo	455.00	455.00	3,921.15	690
City of Gen. Trias	32.20	31.20	247.00	59
Trece Martires City	80.55	78.40	666.40	292
<b>7<sup>th</sup> District</b>	<b>1,997.07</b>	<b>1,876.28</b>	<b>16,801.95</b>	<b>6,549</b>
Alfonso	272.34	270.19	2,300.69	1,092
Gen. E. Aguinaldo	436.10	345.25	3,222.50	520
Indang	404.90	399.40	3,689.00	556
Magallanes	249.09	233.50	2,144.66	851
Maragondon	368.50	361.80	3,182.30	392
Mendez	92.30	92.30	788.43	1,466
Naic	2.00	2.00	16.22	2
Tagaytay City	65.69	65.69	562.90	787
Ternate	106.15	106.15	895.25	883
<b>Total</b>	<b>3,056.42</b>	<b>2,913.03</b>	<b>25,665.47</b>	<b>9,437</b>

Source: Office of the Provincial Agriculturist, Trece Martires City

## Pineapple

As presented at Table 6K, pineapple production totaled to 33,738.81 metric tons. This grew by 4,632.26 metric tons or 15.91% in 2015 compared to 2014 production of 29,106.55 metric tons. Among the pineapple producers of the province, the municipality of Silang, having the widest area planted has the strongest growth in production contributing 60.32% or 20,350.00 metric tons while Tagaytay City which ranked second, contributed 3,952.21 metric tons or 11.71% production. The other top pineapple-producers came from the municipalities of Indang contributing 2,860.45 metric tons or 8.48% production, Alfonso registered at 2,048.00 metric tons or 6.07% and Mendez with 5.53% share or 1,864.25 metric tons harvest. In addition, the least production was recorded at 51.00 metric tons from the municipality of Magallanes.

**Table 6K** Pineapple Production by City/Municipality  
Province of Cavite: 2015

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
<b>4<sup>th</sup> District</b>	<b>81.00</b>	<b>76.00</b>	<b>1,515.00</b>	<b>56</b>
City of Dasmariñas	81.00	76.00	1,515.00	56
<b>5<sup>th</sup> District</b>	<b>814.10</b>	<b>814.10</b>	<b>20,350.00</b>	<b>863</b>
Silang	814.10	814.10	20,350.00	863
<b>6<sup>th</sup> District</b>	<b>38.54</b>	<b>37.45</b>	<b>922.90</b>	<b>89</b>
Amadeo	24.00	24.00	587.00	60
City of Gen. Trias	5.09	4.00	99.65	13
Trece Martires City	9.45	9.45	236.25	16
<b>7<sup>th</sup> District</b>	<b>590.50</b>	<b>443.15</b>	<b>10,950.91</b>	<b>1,073</b>
Alfonso	94.70	87.00	2,048.00	159
Gen. E. Aguinaldo	8.60	6.95	175.00	30
Indang	114.75	114.75	2,860.45	160
Magallanes	2.00	2.00	51.00	10
Mendez	74.80	74.80	1,864.25	119
Tagaytay City	295.65	157.65	3,952.21	595
<b>Total</b>	<b>1,524.14</b>	<b>1,370.70</b>	<b>33,738.81</b>	<b>2,081</b>

Source: Office of the Provincial Agriculturist, Trece Martires City

## Mango

Comparing the data in 2014 production of 20,593.46 metric tons, a slight decrease of 1.22% or 251.45 metric tons was recorded in 2015 giving a total production of 20,342.02 metric tons. Among the cities and municipalities of the province, the major producers are the municipality of Naic, the highest contributor, with 4,956.00 metric tons or 24.36% followed by the City of Dasmariñas producing 15.34% or 3,121.43 metric tons and the municipality of Indang which ranked third contributing 11.95% share or 2,431.18 metric tons (Table 6L).

## Papaya

Having affected by Typhoon Glenda in 2014, weather condition in 2015 favors the production of banana, papaya and other fruit bearing trees (*Agricultural Profile 2015, Office of the Provincial Agriculturist, Trece Martires City*). Papaya production totaled to 3,699.45 metric tons. This posted a 30.35% increase or 861.30 metric tons compared to 2014's 2,838.15 metric tons. The largest producer was the municipality of Silang contributing 33.54% share or 1,240.80

metric tons. The other leading producers are the municipalities of Alfonso having 554.60 metric tons, Indang with 548 metric tons and Amadeo contributing 435.40 metric tons (Table 6M).

#### Peanut

In Cavite, peanuts are grown and harvested in 116.90 hectares producing 367.00 metric tons. As indicated in Table 6N, peanuts are produced in the municipalities of Gen. E. Aguinaldo, Indang, Magallanes, Carmona, Amadeo, Silang, the cities of Dasmariñas, Gen. Trias and Trece Martires City. The highest contribution was posted at Silang with 54.93% or 201.60 metric tons while the least production was recorded at Carmona with 1.30 metric tons.

**Table 6L** Mango Production by City/Municipality, Province of Cavite: 2015

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
<b>1<sup>st</sup> District</b>	<b>12.00</b>	<b>12.00</b>	<b>179.00</b>	<b>39</b>
Kawit	10.00	10.00	150.00	25
Noveleta	2.00	2.00	29.00	14
<b>2<sup>nd</sup> District</b>	<b>2.00</b>	<b>2.00</b>	<b>16.00</b>	<b>10</b>
City of Bacoor	2.00	2.00	16.00	10
<b>3<sup>rd</sup> District</b>	<b>105.00</b>	<b>105.00</b>	<b>1,548.05</b>	<b>40</b>
City of Imus	105.00	105.00	1,548.05	40
<b>4<sup>th</sup> District</b>	<b>215.00</b>	<b>164.00</b>	<b>3,121.43</b>	<b>76</b>
City of Dasmariñas	215.00	164.00	3,121.43	76
<b>5<sup>th</sup> District</b>	<b>78.70</b>	<b>76.29</b>	<b>1,202.38</b>	<b>390</b>
Carmona	7.75	7.75	117.00	39
Gen. Mariano Alvarez	7.00	7.00	101.70	45
Silang	63.95	61.54	983.68	306
<b>6<sup>th</sup> District</b>	<b>178.02</b>	<b>167.57</b>	<b>2,688.90</b>	<b>293</b>
Amadeo	13.75	13.75	207.00	85
Gen. Trias	65.00	55.00	928.10	38
Tanza	18.50	18.50	311.25	61
Trece Martires City	80.77	80.32	1,242.55	109
<b>7<sup>th</sup> District</b>	<b>908.65</b>	<b>841.90</b>	<b>11,586.26</b>	<b>2,386</b>
Alfonso	48.73	46.40	657.97	409
Gen. E. Aguinaldo	59.00	56.00	692.15	1,004
Indang	163.25	163.25	2,431.18	83
Magallanes	81.00	71.00	1,017.41	100
Maragondon	200.92	151.50	1,714.55	714
Naic	345.00	343.00	4,956.00	35
Ternate	10.75	10.75	117.00	41
<b>Total</b>	<b>1,499.37</b>	<b>1,368.76</b>	<b>20,342.02</b>	<b>3,234</b>

Source: Office of the Provincial Agriculturist, Trece Martires City

**Table 6M** Papaya Production by City/Municipality, Province of Cavite: 2015

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
<b>4<sup>th</sup> District</b>	<b>2.50</b>	<b>2.50</b>	<b>28.75</b>	<b>5</b>
City of Dasmariñas	2.50	2.50	28.75	5
<b>5<sup>th</sup> District</b>	<b>82.32</b>	<b>82.32</b>	<b>1,240.80</b>	<b>340</b>
Silang	82.32	82.32	1,240.80	340
<b>6<sup>th</sup> District</b>	<b>35.33</b>	<b>35.10</b>	<b>511.90</b>	<b>115</b>
Amadeo	30.00	30.00	435.40	100
City of Gen. Trias	0.13			3
Tanza	0.10			1
Trece Martires City	5.10	5.10	76.50	11
<b>7<sup>th</sup> District</b>	<b>90.74</b>	<b>129.64</b>	<b>1,918.00</b>	<b>762</b>
Alfonso		38.90	554.60	220
Gen. E. Aguinaldo	15.00	15.00	195.00	40
Indang	35.90	35.90	548.00	124
Magallanes	14.00	14.00	210.05	36
Maragondon	6.00	6.00	105.50	8
Mendez	6.00	6.00	94.50	156
Tagaytay City	13.84	13.84	210.35	178
<b>Total</b>	<b>210.89</b>	<b>249.56</b>	<b>3,699.45</b>	<b>1,222</b>

Source: Office of the Provincial Agriculturist, Trece Martires City

**Table 6N** Peanut Production by City/Municipality, Province of Cavite: 2015

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
<b>4<sup>th</sup> District</b>	<b>15.00</b>	<b>15.00</b>	<b>57.90</b>	<b>25</b>
City of Dasmariñas	15.00	15.00	57.90	25
<b>5<sup>th</sup> District</b>	<b>63.50</b>	<b>63.50</b>	<b>202.90</b>	<b>144</b>
Carmona	0.50	0.50	1.30	9
Silang	63.00	63.00	201.60	135
<b>6<sup>th</sup> District</b>	<b>18.00</b>	<b>18.00</b>	<b>63.05</b>	<b>53</b>
Amadeo	3.00	3.00	6.45	16
City of Gen. Trias	0.50	0.50	1.50	3
Trece Martires City	14.50	14.50	55.10	34
<b>7<sup>th</sup> District</b>	<b>20.40</b>	<b>20.40</b>	<b>43.15</b>	<b>79</b>
Gen. E. Aguinaldo	10.90	10.90	21.60	37
Indang	5.50	5.50	12.65	37
Magallanes	4.00	4.00	8.90	5
<b>Total</b>	<b>116.90</b>	<b>116.90</b>	<b>367.00</b>	<b>301</b>

Source: Office of the Provincial Agriculturist, Trece Martires City



## Sugarcane

Sugarcane production posted negative growth by 59.40%. From 201,378.53 metric tons in 2014, production declined to 81,766.00 metric tons in 2015. This may be attributed to the decrease in the area from 2,755.37 hectares to 2,446.50 hectares and the decrease in production of the municipality of Magallanes by 106,434.00 metric tons. In 2015, the said municipality, though the highest producer, contributed only 77,566.00 metric tons. It is noted that on the same year, the municipalities of Gen. E. Aguinaldo, Magallanes and the City of Dasmariñas was the only major producers of sugarcane in the province (Table 60).

**Table 60** Sugarcane Production by City/Municipality, Province of Cavite: 2015

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
<b>4<sup>th</sup> District</b>	<b>81.50</b>	<b>81.50</b>	<b>4,050.00</b>	<b>19</b>
City of Dasmariñas	81.50	81.50	4,050.00	19
<b>7<sup>th</sup> District</b>	<b>2,365.00</b>	<b>2,365.00</b>	<b>77,716.00</b>	<b>217</b>
Gen. E. Aguinaldo	5.00	5.00	150.00	2
Magallanes	2,360.00	2,360.00	77,566.00	215
<b>Total</b>	<b>2,446.50</b>	<b>2,446.50</b>	<b>81,766.00</b>	<b>236</b>

Source: Office of the Provincial Agriculturist, Trece Martires City

## Black Pepper

The total area harvested to black pepper was estimated at 528.06 hectares. Compared to 2014's harvest of 463.59 metric tons, production of this crop grew by 41.86% or 194.08 metric tons giving a total of 657.67 metric tons. Still, the municipality of Gen. Aguinaldo posted the highest contribution of 54.74% share or 360.00 metric tons. This was followed by the municipalities of Alfonso with 102.92 metric tons or 15.65% production and Silang with 13.28% or 87.33 metric tons (Table 6P).

## Other Fruit Trees

The widest area for production of other fruit trees is located at 7<sup>th</sup> District. These are the municipalities of Indang and Alfonso which are also considered the top producers contributing a total of 10,702.75 metric tons or 59.72% production. Furthermore, the municipality of Silang which ranked third, both in area and production contributed 13.82% share or 2,477.34 metric tons while the least producer was recorded at the municipality of Ternate with 2.90 metric tons harvests (Table 6Q).

**Table 6P** Black pepper Production by City/Municipality, Province of Cavite: 2015

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
<b>4<sup>th</sup> District</b>	<b>0.10</b>			<b>2</b>
City of Dasmariñas	0.10			2
<b>5<sup>th</sup> District</b>	<b>79.40</b>	<b>79.40</b>	<b>87.33</b>	<b>233</b>
Silang	79.40	79.40	87.33	233
<b>6<sup>th</sup> District</b>	<b>21.01</b>	<b>21.00</b>	<b>23.10</b>	<b>37</b>
Amadeo	21.00	21.00	23.10	36
City of Gen. Trias	0.01			1
<b>7<sup>th</sup> District</b>	<b>470.74</b>	<b>427.66</b>	<b>547.24</b>	<b>1,275</b>
Alfonso	104.66	100.45	102.92	421
Gen. E. Aguinaldo	270.00	250.00	360.00	650
Indang	9.50	9.25	10.45	50
Magallanes	78.62	60.00	65.00	50
Tagaytay City	7.96	7.96	8.87	104
<b>Total</b>	<b>571.25</b>	<b>528.06</b>	<b>657.67</b>	<b>1,547</b>

Source: Office of the Provincial Agriculturist, Trece Martires City

**Table 6Q** Other Fruit Trees Production by City/Municipality, Province of Cavite: 2015

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
<b>5<sup>th</sup> District</b>	<b>337.54</b>	<b>287.51</b>	<b>2,493.44</b>	<b>2,041</b>
Gen. Mariano Alvarez	2.00	2.00	16.10	30
Silang	335.54	285.51	2,477.34	2,011
<b>6<sup>th</sup> District</b>	<b>135.88</b>	<b>115.49</b>	<b>1,000.18</b>	<b>396</b>
Amadeo	92.00	86.00	686.50	192
City of Gen. Trias	12.10	1.00	8.30	44
Trece Martires City	31.78	28.49	305.38	160
<b>7<sup>th</sup> District</b>	<b>1,706.95</b>	<b>1,622.08</b>	<b>14,428.44</b>	<b>5,170</b>
Alfonso	596.12	574.17	5,002.30	1,793
Gen. E. Aguinaldo	205.25	156.48	1,386.32	798
Indang	685.75	685.00	5,700.45	797
Magallanes	79.07	66.29	725.68	223
Mendez	114.00	114.00	1,374.35	1,203
Tagaytay City	25.76	25.76	236.44	349
Ternate	1.00	0.38	2.90	7
<b>Total</b>	<b>2,180.37</b>	<b>2,025.08</b>	<b>17,922.06</b>	<b>7,607</b>

Source: Office of the Provincial Agriculturist, Trece Martires City

## Other Fruits

Other fruits are muskmelon and watermelon with planted area of 30.88 hectares. Table 6R shows that these crops are harvested mostly in the municipalities of Kawit with 3.75 metric tons production, Tanza, with 115.00 metric tons and City of Gen. Trias, the top producer contributing 441.40 metric tons or 78.80% share, Production totaled to 560.15 metric tons.

**Table 6R** Other Fruits Production by City/Municipality, Province of Cavite: 2015

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
<b>1st District</b>	<b>0.25</b>	<b>0.25</b>	<b>3.75</b>	<b>1</b>
Kawit	0.25	0.25	3.75	1
<b>6th District</b>	<b>30.63</b>	<b>27.31</b>	<b>556.40</b>	<b>50</b>
City of Gen. Trias	20.76	20.66	441.40	44
Tanza	9.87	6.65	115.00	6
<b>Total</b>	<b>30.88</b>	<b>27.56</b>	<b>560.15</b>	<b>51</b>

Source: Office of the Provincial Agriculturist, Trece Martires City

## Dragon Fruit

The province's planted area to this crop totaled to 25.75 hectares and these are particularly located in the municipalities of Amadeo, Gen. E. Aguinaldo, Indang and Magallanes. Among the four (4) municipalities, Indang has the widest area and considered the major producer registering 89.09% of the total production or 202.50 metric tons (Table 6S).

**Table 6S** Dragonfruit Production by City/Municipality, Province of Cavite: 2015

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production (Metric Tons)	Farmers Served (Number)
<b>6th District</b>	<b>4.00</b>	<b>2.00</b>	<b>16.80</b>	<b>12</b>
Amadeo	4.00	2.00	16.80	12
<b>7th District</b>	<b>21.75</b>	<b>21.25</b>	<b>210.50</b>	<b>46</b>
Gen. E. Aguinaldo	1.0	0.5	1.00	15
Indang	20.3	20.3	202.50	29
Magallanes	0.5	0.5	7.00	2
<b>Total</b>	<b>25.75</b>	<b>23.25</b>	<b>227.30</b>	<b>58</b>

Source: Office of the Provincial Agriculturist, Trece Martires City

## Bamboo, Cufflowers, Ornamentals and Sampaguila

Some farmers in the province also engaged in bamboo, cut flowers, ornamentals and sampaguila production. Bamboo, being one of the most popular raw materials for furniture and decorations, has a total planted area of 1,000.00 hectares located at the municipality of Maragondon. Known as the bamboo capital of the province, bamboo farmers from the said municipality produced 242,000 poles that can be made into different bamboo products.

With a planted area of 29.24 hectares for cufflowers and ornamentals, a total production of almost 55,250 dozens of cufflowers and 195,540 pots of ornamentals had been produced with municipality of Silang as the major producer. The other cufflower and ornamental producing city and municipalities are Trece Martires City, Alfonso, Gen. E. Aguinaldo, and Amadeo. Meanwhile, sampaguila with utilized area of 7.50 hectares located at Trece Martires City has a total production of 7.15 metric tons (Table 6T).

**Table 6T** Bamboo, Cufflowers, Ornamentals and Sampaguila Production by City/Municipality, Province of Cavite: 2015

City/Municipality	Area Planted (Hectares)	Area Harvested (Hectares)	Production	Farmers Served (Number)
<b>Bamboo</b>	<b>1,000.00</b>	<b>1,000.00</b>	<b>242,000.00 poles</b>	<b>450</b>
7th District				
Maragondon	1,000.00	1,000.00	242,000.00	450
<b>Cufflowers</b>	<b>36.74</b>	<b>36.74</b>	<b>55,250 dozen</b>	<b>740</b>
<b>Ornamentals</b>			<b>195,540 pots</b>	
<b>Sampaguila</b>			<b>7.15 m.t.</b>	
<b>Cufflowers</b>	<b>17.45</b>	<b>17.45</b>	<b>55,250.00</b>	<b>391</b>
5th District				
Silang	11.98	11.98	37,819.00	272
6th District				
Trece Martires City	4.95	4.95	15,848.00	110
7th District				
Alfonso	0.06	0.06	161.00	3
Gen. E. Aguinaldo	0.46	0.46	1,422.00	6
<b>Ornamentals</b>	<b>11.79</b>	<b>11.79</b>	<b>195,540.00</b>	<b>256</b>
5th District				
Silang	10.79	10.79	193,675.00	234
6th District				
Amadeo	1.00	1.00	1,865.00	2
Trece Martires City				
Trece Martires City				20
<b>Sampaguila</b>	<b>7.50</b>	<b>7.50</b>	<b>7.15</b>	<b>93</b>
6th District				
Trece Martires City	7.50	7.50	7.15	93

Source: Office of the Provincial Agriculturist, Trece Martires City

## Fisheries

Fishery refers to all activities relating to the act or business of fishing, culturing, preserving, processing, marketing, developing, conserving and managing aquatic resources and the fishery areas, including the privilege to fish or take aquatic resource thereof (Section 4 Definition of Terms RA 8550 The Philippine Fisheries Code of 1998).

**Table 6U** Number of Fisherman by Coastal City/ Municipality, Province of Cavite: 2015

City/Municipality	Number of Fisherman
<b>1st District</b>	<b>6,229</b>
Cavite City	1,633
Kawit	450
Noveleta	540
Rosario	3,606
<b>2nd District</b>	<b>400</b>
City of Bacoor	400
<b>6th District</b>	<b>2,332</b>
Tanza	2,332
<b>7th District</b>	<b>4,170</b>
Maragondon	443
Naic	1,887
Ternate	1,840
<b>Total</b>	<b>13,131</b>

Source: Office of the Provincial Agriculturist, Trece Martires City

Fishery is also one of the vital areas of agriculture sector in the province. It is also one of the main sources of livelihood and food production source wherein the Cavite fisherfolks are engaged in smoked fish (tinapa) processing, fish drying (daing), fish paste (bagoong) making, fish sauce (patis) making and canning. Table 6U shows that the total number of fisherman coming from coastal cities and municipalities of the province was registered at 13,131 by which the municipality of Rosario has the most number posted at 3,606 followed by the municipalities of Tanza and Naic with 2,332 and 1,887 fishermen, respectively.

In addition, there are available fish landing areas in the province. The municipal fish

landing areas are located in Cavite City, Tanza, City of Bacoor, Naic, and Ternate while commercial landing areas are located in the municipalities of Rosario and Tanza (Table 6V).

### Commercial Fisheries

Commercial fishing is catching of fish with the use of fishing boats with a capacity of more than three gross tons for trade, business or profit beyond subsistence or sport fishing. Operation is outside of the municipal government jurisdiction of 15 kilometers ([investphilippines.gov.ph](http://investphilippines.gov.ph)).

As presented in Table 6W, the municipalities of Rosario, Tanza and Naic are the only coastal municipalities engaged in commercial fishing. In 2015, its production was registered at 4911.50 metric tons. Performance dropped down by 2.66% or 134.42 metric tons compared to 2014's level of production of 5,045.92 metric tons. Among the three (3) municipalities, Naic posted the highest fish catch with 1,845.00 metric tons.

**Table 6V** Municipal and Commercial Fish landing Areas, Province of Cavite: 2015

City/Municipality	Municipal Landing Areas	Commercial Landing Areas
<b>1st District</b> Cavite City	Barangay 10B Barangay 11 Barangay 37M Barangay 48M Dalahican (seasonal)	Pandawan
Rosario		
<b>2nd District</b> City of Bacoor	Sineguelasan Alima	Julugan I
<b>6th District</b> Tanza	Julugan I Capipisa	
<b>7th District</b> Naic	Munting Mapino Labac Bucana Malaki Bancaan Poblacion 2 San Jose	
Ternate		

Source: Office of the Provincial Agriculturist, Trece Martires City

**Table 6W** Number of Commercial Fishing Vessels (CFVs), Types of Fishing Gears Used, Number of Fisherman and Production, Province of Cavite: 2015

City/ Municipality	Number of Commercial Fishing Vessels	Number of Fisherman	Production (Metric Tons)	Type of Fishing Gears Used
<b>1st District</b> Rosario	48	359	1,458.00	purse seine, danish seine
<b>6th District</b> Tanza	50	553	1,608.50	purse seine, trawl
<b>7th District</b> Naic	25	150	1,845.00	purse seine
<b>Total</b>	<b>123</b>	<b>1,062</b>	<b>4,911.50</b>	

Source: Office of the Provincial Agriculturist, Trece Martires City

## Municipal Fisheries

Municipal fishing is fishing within municipal waters using fishing vessels of three gross tons or less, or fishing not requiring the use of fishing vessels. Operation is within the municipal government jurisdiction of 15 kilometers (*investphilippines.gov.ph*).

Municipal fisheries registered production of 8,119.90 metric tons, a 14.33% or 1,017.84 metric tons more than the 2014 production level of 7,102.06 metric tons. These had been caught using motorized and non-motorized boats which were recorded at 4,814. Having the highest number of boat, the City of Bacoor registered the biggest fish catch with 2,032.90 metric tons followed by the municipality of Tanza having 1,496.63 metric tons production. Ranked third was the municipality of Naic recorded at 1,221.00 metric tons while the least production was 239.21 metric tons registered at the municipality of Maragondon (Table 6X).

**Table 6X** Number of Municipal Fishing Boats, Fisherman and Production by City/Municipality, Province of Cavite: 2015

City/Municipality	Number of Fishing Boats	Number of Fisherman	Production (Metric Tons)	Fishing Method/Gear Used
<b>1<sup>st</sup> District</b>	<b>2,093</b>	<b>7,504</b>	<b>2,849.12</b>	
Cavite City	723	2,696	804.14	gillnet, hook & line, fish pot
Kawit	267	368	256.50	gillnet, bintol
Noveleta	121	540	300.40	gillnet, pangulong
Rosario	982	3,900	1,488.08	gillnet, hook & line
<b>2<sup>nd</sup> District</b>	<b>1,072</b>	<b>1,428</b>	<b>2,032.90</b>	
City of Bacoor	1,072	1,428	2,032.90	gillnet, hook and line, sapra, baklad, lift n push net
<b>6<sup>th</sup> District</b>	<b>667</b>	<b>1,617</b>	<b>1,496.63</b>	
Tanza	667	1,617	1,496.63	gillnet, hook & line, kingnet
<b>7<sup>th</sup> District</b>	<b>982</b>	<b>2,811</b>	<b>1,741.25</b>	
Maragondon	120	443	239.21	gillnet, drive/ring/bamboo net, long line, trawl
Naic	592	1,887	1,221.00	gillnet, hook and line
Ternate	270	481	281.04	gillnet, hook and line
<b>Total</b>	<b>4,814</b>	<b>13,360</b>	<b>8,119.90</b>	

Source: Office of the Provincial Agriculturist, Trece Martires City

## Aquaculture Fisheries

Aquaculture – fishery operations involving all forms of raising and culturing of fish and other fishery species in fresh, brackish and marine water areas (*investphilippines.gov.ph*).

Bangus, sugpo and tilapia production was posted at 447.98 metric tons. Compared from 2014 data, production of bangus dropped down by 85.69 metric tons from 343.33 metric tons to 257.64 metric tons while sugpo production also decreases by 33.50 metric tons. Meanwhile, tilapia production went up by 11.27 metric tons from 89.77 metric tons in 2014 to 101.04 metric tons in 2015. It is noted that the City of Bacoor posted the highest production at 86.00 metric tons for bangus and the municipality of Ternate with 33.70 metric tons for tilapia production.

Moreover, sugpo productions with 89.30 metric tons are concentrated in the municipalities of Kawit, Noveleta and City of Bacoor by which the municipality of Noveleta registered the highest production at 57.50 metric tons.

Aside from the coastal areas, the municipalities of Amadeo, and Alfonso, the City of Gen. Trias and Trece Martires City, have also devoted to tilapia production contributing a total of 10.74 metric tons (Table 6Y).

**Table 6Y** Bangus, Sugpo and Tilapia Production by City/Municipality, Province of Cavite: 2015

City/Municipality	Number of Operator	Annual Production (Metric Tons)			
		Bangus	Sugpo	Tilapia	Total
<b>1<sup>st</sup> District</b>	<b>52</b>	<b>81.39</b>	<b>58.30</b>		<b>139.69</b>
Cavite City	4	0.04			0.04
Kawit	1	2.30	0.80		3.10
Noveleta	47	79.05	57.50		136.55
<b>2<sup>nd</sup> District</b>	<b>71</b>	<b>86.00</b>	<b>31.00</b>		<b>117.00</b>
City of Bacoor	71	86.00	31.00		117.00
<b>4<sup>th</sup> District</b>	<b>125</b>	<b>6.40</b>		<b>30.66</b>	<b>37.06</b>
Amadeo	5			0.18	0.18
City of Gen. Trias	50			8.28	8.28
Tanza	68	6.40		22.10	28.50
Trece Martires City	2			0.10	0.10
<b>7<sup>th</sup> District</b>	<b>263</b>	<b>83.85</b>		<b>70.38</b>	<b>154.23</b>
Alfonso	1			0.07	0.07
Magallanes	52			2.11	2.11
Maragondon	65	3.75		7.50	11.25
Naic	64	12.00		27.00	39.00
Ternate	81	68.10		33.70	101.80
<b>Total</b>	<b>511</b>	<b>257.64</b>	<b>89.30</b>	<b>101.04</b>	<b>447.98</b>

Source: Office of the Provincial Agriculturist, Trece Martires City

Oyster and mussel are also abundant and has made the province one of the places known for these delicacies. Production totalled to 22,531.12 metric tons, a 9.60% decrease compared to 2014 production of 24,923.10 metric tons. This was due to occurrence of some destructive typhoons that hit Cavite on the late months of 2015 (*Provincial Fishery Profile, Office of the Provincial Agriculturist, Trece Martires City*). As indicated in Table 6Z, mussels are harvested mostly from Cavite City and the City of Bacoor with 14,283.56 metric tons while oysters are harvested from the municipalities of Kawit, the top producer with 8,154.00 metric tons, Tanza, Maragondon, Naic and Cavite City.



**Table 6Z** Oyster and Mussel Production by City/Municipality, Province of Cavite: 2015

City/ Municipality	Number of Operator	Production (Metric Tons)		
		Oyster	Mussel	Total
<b>1<sup>st</sup> District</b>	<b>98</b>	<b>8,159.40</b>	<b>29.56</b>	<b>8,188.96</b>
Cavite City	52	5.40	29.56	34.96
Kawit	46	8,154.00		8,154.00
<b>2<sup>nd</sup> District</b>	<b>334</b>		<b>14,254.00</b>	<b>14,254.00</b>
City of Bacoor	334		14,254.00	14,254.00
<b>6<sup>th</sup> District</b>	<b>35</b>	<b>14.00</b>		<b>14.00</b>
Tanza	35	14.00		14.00
<b>7<sup>th</sup> District</b>	<b>115</b>	<b>74.16</b>		<b>74.16</b>
Maragondon	10	24.56		24.56
Naic	105	49.60		49.60
<b>Total</b>	<b>582</b>	<b>8,247.56</b>	<b>14,283.56</b>	<b>22,531.12</b>

Source: Office of the Provincial Agriculturist, Trece Martires City

## Livestock and Poultry

Livestock farming is the rearing of animals for food and for other human uses. The word 'livestock' applies primarily to cattle or dairy cows, chickens, goats, pigs, horses and sheep. Today, even animals like donkeys, mules, rabbits and insects such as bees are being raised as part of livestock farming. Livestock farming is a double-benefiting system - it helps the farmers both economically and supplies them with food throughout the year ([www.ad-nett.org](http://www.ad-nett.org)).

Livestock and poultry play a vital role in agriculture, not only do they produce food directly, but for many smallholder farmers, these can be a ready source of cash to buy the inputs (seeds, fertilizers, and pesticides) they need to increase their crop production.

### Backyard Livestock and Poultry Population

Aside from crop production, there are farmers who engaged in livestock and poultry production to augment their farm income. They raised animals in their backyard which include cattle, carabao, swine, chicken, and duck, among others.

Total backyard livestock and poultry inventory by type of animal was shown in Table 6AA. Based on records gathered from Office of the Provincial Veterinarian, the highest populations amongst the livestock animals are swine having 38,699 heads followed by cattle (24,793) and goat (16,613 heads). The least population belongs to carabao (3,474), horse (2,238) and sheep (989), respectively. Likewise, it is noted that raising of chicken was the primary poultry raising activity in the province and it was evidently seen on the table where inventory was posted at 171,278 heads. Raising of ducks ranked second reported to have raised 29,575 heads.

**Table 6AA** Backyard Livestock Population by City/Municipality, Province of Cavite: 2015

City/Municipality	Livestock Population (heads)						Poultry Population (heads)			
	Cattle	Carabao	Swine	Horse	Goat	Sheep	Chicken	Duck	Goose	Quail
<b>1<sup>st</sup> District</b>	<b>208</b>	<b>9</b>	<b>428</b>				<b>3,118</b>	<b>500</b>	<b>72</b>	
Cavite City			168			4	108	19		
Kawit	26	2	2			65	215	130		
Noveleta	107	7	160			251	2,030	245	72	
Rosario	75		98			24	765	106		
<b>2<sup>nd</sup> District</b>	<b>145</b>	<b>18</b>	<b>1,442</b>	<b>25</b>	<b>114</b>	<b>54</b>	<b>7,610</b>	<b>274</b>	<b>45</b>	
City of Bacoor	145	18	1,442	25	114	54	7,610	274	45	
<b>3<sup>rd</sup> District</b>	<b>1,329</b>	<b>216</b>	<b>1,693</b>	<b>113</b>	<b>644</b>		<b>14,266</b>	<b>5,095</b>		<b>2,660</b>
City of Imus	1,329	216	1,693	113	644		14,266	5,095		2,660
<b>4<sup>th</sup> District</b>	<b>1,812</b>	<b>429</b>	<b>4,866</b>	<b>19</b>	<b>1,212</b>		<b>14,514</b>	<b>4,124</b>	<b>573</b>	
City of Dasmariñas	1,812	429	4,866	19	1,212		14,514	4,124	573	
<b>5<sup>th</sup> District</b>	<b>1818</b>	<b>174</b>	<b>6309</b>	<b>1043</b>	<b>2142</b>	<b>69</b>	<b>22,684</b>	<b>2,088</b>	<b>99</b>	<b>25</b>
Carmona	658	38	2,393	928	1,257	58	10,338	1,265	13	
Gen. Mariano Alvarez	39	4	1,051	3	227		3,375	452	56	
Silang	1,121	132	2,865	112	658	11	8,971	371	30	25
<b>6<sup>th</sup> District</b>	<b>9,755</b>	<b>1,522</b>	<b>5,080</b>	<b>69</b>	<b>7,684</b>	<b>741</b>	<b>40,285</b>	<b>14,475</b>	<b>1,264</b>	<b>410</b>
Amadeo	462	3	312	10	84		3,996	351	20	300
City of Gen. Trias	5,978	1,113	3,534	22	5,923	15	27,702	10,325	728	
Tanza	2,213	363	881	29	1,085	726	5,241	3,053	429	110
Trece Martires City	1,102	43	353	8	592		3,346	746	87	
<b>7<sup>th</sup> District</b>	<b>9,726</b>	<b>1,106</b>	<b>18,881</b>	<b>969</b>	<b>4,473</b>	<b>125</b>	<b>68,801</b>	<b>3,019</b>	<b>447</b>	
Alfonso	1,388	102	4,274	68	417	17	17,365	471	81	
Gen. E. Aguinaldo	957	3	4,368	126	205	24	16,805	89	56	
Indang	1,573	40	1,339	252	405		4,020	177	8	
Magallanes	1,614	269	3,413	367	491		5,155	160	20	
Maragondon	1,869	443	3,534	86	1,589	2	13,250	425	24	
Mendez	75	13	105	24	68	82	3,086	163	18	
Naic	1,666	215	1,142	2	928		4,795	1,284	120	
Tagaytay City	427	7	166	42	160					
Ternate	157	14	540	2	210		4,325	250	120	
<b>Total</b>	<b>24,793</b>	<b>3,474</b>	<b>38,699</b>	<b>2,238</b>	<b>16,613</b>	<b>989</b>	<b>171,278</b>	<b>29,575</b>	<b>2,500</b>	<b>3,095</b>

Source: Office of the Provincial Veterinarian, Trece Martires City

## Livestock and Poultry Farm Population

Table 6AB shows the detailed breakdown of the livestock and poultry population in commercial/ semi-commercial farms. Hog farms make up the largest share of population registered at 518,399 heads wherein the City of Gen. Trias posted the highest head count of 308,581 followed by the municipality of Tanza and Trece Martires City with 2,934 heads and 31,459 heads respectively.

**Table 6AB** Livestock and Poultry Population in Commercial/Semi-Commercial Farms by City/Municipality, Province of Cavite: 2015

City/ Municipality	Livestock Population (heads)					Poultry Population (heads)					
	Cattle	Carabao	Hog	Goat	Sheep	Duck	Quail	Breeder	Layer	Contract Broiler*	Gamefowl Breeder
<b>1<sup>st</sup> District</b>			<b>1,369</b>				<b>18,500</b>				<b>875</b>
Cavite City			917								875
Kawit							18,500				
Noveleta			452								
<b>2<sup>nd</sup> District</b>	<b>64</b>				<b>50</b>	<b>2,630</b>					<b>2,279</b>
City of Bacoor	64				50	2,630					2,279
<b>3<sup>rd</sup> District</b>			<b>4,480</b>				<b>20,250</b>		<b>15,000</b>		<b>722</b>
City of Imus			4,480				20,250		15,000		722
<b>4<sup>th</sup> District</b>	<b>180</b>		<b>14,405</b>	<b>215</b>					<b>82,500</b>	<b>1,201,000</b>	<b>3,645</b>
City of Dasmariñas	180		14,405	215					82,500	1,201,000	3,645
<b>5<sup>th</sup> District</b>	<b>313</b>		<b>19,646</b>	<b>25</b>	<b>56</b>			<b>17,000</b>	<b>191,000</b>	<b>1,056,300</b>	<b>55,375</b>
Carmona					56			17,000			826
Gen. Mariano Alvarez			4,546						2,000		
Silang	313		15,100	25					189,000	1,056,300	54,549
<b>6<sup>th</sup> District</b>	<b>1,912</b>	<b>321</b>	<b>407,362</b>	<b>1,463</b>	<b>234</b>	<b>3,610</b>	<b>30,300</b>	<b>182,000</b>	<b>125,000</b>	<b>290,000</b>	<b>5,321</b>
Amadeo	264		4,388	115		1,600	300	182,000	120,000	120,000	2,008
City of Gen. Trias	405	157	308,581	645		1,700	23,000				
Tanza	969	120	62,934	304	234	310				100,000	1,810
Trece Martires City	274	44	31,459	399			7,000		5,000	70,000	1,503
<b>7<sup>th</sup> District</b>	<b>447</b>	<b>12</b>	<b>71,137</b>	<b>1,031</b>	<b>16</b>	<b>1,600</b>	<b>15,200</b>	<b>1,468,119</b>	<b>502,337</b>	<b>3,966,500</b>	<b>15,863</b>
Alfonso			2,113					117,331	26,337		2,021
Gen. E. Aguinaldo			15,203	32				108,000	48,000	1,722,000	1,720
Indang			9,276				15,000	614,000	45,000	173,000	3,230
Magallanes	77		12,205	181	16	500	200	478,788	213,000	1,329,000	751
Maragondon	345		2,396	662						261,000	6,735
Mendez			559						15,000	57,500	604
Naic	25	12	18,621	156		1,100		150,000	155,000	424,000	802
Tagaytay City			310								
Ternate			10,454								
<b>Total</b>	<b>2,916</b>	<b>333</b>	<b>518,399</b>	<b>2,734</b>	<b>356</b>	<b>7,840</b>	<b>84,250</b>	<b>1,667,119</b>	<b>915,837</b>	<b>6,513,800</b>	<b>84,080</b>

\*4 cycle/year

Source: Office of the Provincial Veterinarian, Trece Martires City

## Support Facilities

Agricultural and fisheries machinery refers to machinery and equipment for the production, harvesting, processing, storage, manufacture, preserving, transporting and distribution of agricultural and fisheries products. It includes, but is not limited to tractors and their attachments, power tillers, seeders, trans planters, windmills, harvesting machines, crop protection and maintenance equipment, irrigation equipment and accessories, greenhouses and other thermal conditioning equipment, livestock equipment, fishery equipment, slaughtering equipment, meat/fishery and crop processing equipment, postharvest machines such as milling machines, dryers, threshers, grain and other strippers, agricultural transport machinery and storage facilities including cold storage, reefer vans, slaughter houses and fishing boats of three (3) gross tons or less. New agricultural and fishery machinery includes newly imported as well as one that has not been used since its date of manufacture (*Section 3 – Definition of Terms of Republic Act No. 10601 – An Act Promoting Agricultural and Fisheries Mechanization Development in the Country*).

Available farm equipment for production and post-harvest facilities are rice mill, coffee mill/depulper, corn mill, thresher, warehouse/dryer, tractor while support facilities available for livestock and poultry production include dressing plants, slaughterhouses and meat processing plants.

Dressing plants, slaughterhouse and meat processing plants by class are categorized are as follows: a) LRME or locally registered meat establishments; b) AAA – meat processed herein is eligible for sale in any market within the country or for export; c) AA - meat processed herein is eligible for sale in any market within the country and d) A - meat processed herein is eligible for sale only in the city or municipality.

**Table 6AC** Number of Dressing Plant, Slaughterhouse and Meat Processing Plant by City/Municipality, Province of Cavite: 2015

City/Municipality	Dressing Plant		Slaughter House		Meat Processing Plant	
	Number	Class	Number	Class	Number	Class
<b>1st District</b>	<b>8</b>		<b>4</b>			
Cavite City	2	LRME	2	LRME		
Kawit	5	LRME	1	LRME		
Noveleta	1	LRME	1	LRME		
<b>2nd District</b>	<b>13</b>		<b>4</b>			
City of Bacoor	13	LRME	4	LRME		
<b>3rd District</b>	<b>23</b>		<b>2</b>		<b>1</b>	
City of Imus	23	LRME	2	AA	1	AA
<b>4th District</b>	<b>3</b>		<b>6</b>		<b>1</b>	
City of Dasmariñas	3	LRME	6	AAA (1)/ LRME (5)	1	AAA
<b>5th District</b>	<b>4</b>		<b>7</b>			
Carmona	1	LRME	3	LRME		
Gen. Mariano Alvarez	1	LRME	1	AA		
		AA (1)/ LRME (1)				
Silang	2		3	LRME		
<b>6th District</b>	<b>3</b>		<b>15</b>		<b>1</b>	
Amadeo			5	LRME		
City of Gen. Trias	1	LRME	6	LRME	1	AAA
Tanza	2	LRME	3	LRME		
Trace Martires City			1	AA		
<b>7th District</b>	<b>14</b>		<b>34</b>			
Alfonso	2	LRME	11	LRME		
Gen. E. Aguinaldo			7	LRME		
Indang	2	LRME	1	LRME		
Magallanes			6	LRME		
Maragondon	3	LRME	3	LRME		
Mendez			1	LRME		
Naic	4	LRME	1	LRME		
Tagaytay City			1	AA		
Ternate	3	LRME	3	LRME		
<b>Total</b>	<b>68</b>		<b>72</b>		<b>3</b>	

Source: Office of the Provincial Veterinarian, Trece Martires City

The province's dressing plants totaled to 68 by which 67 fall under LRME and one (1) at class AA category while slaughterhouse posted at 72 wherein 66 are under LRME, five (5) at class AA category and one (1) at AAA category. Furthermore, meat processing plant totaled to three (3) wherein two (2) of these are class AAA category and one (1) falls under AA category. In addition, no facilities fall under class A category (Table 6AC).

The list of facilities that fall under class AA and class AAA are listed at Table 6AD while summary of other support facilities is presented in Table 6AE. Likewise, the list of locally registered meat establishments (LRME) and other support facilities like feed mills, feed dealers/veterinary drugstores, veterinary clinics, pet shops and meat shops is available at Office of the Provincial Veterinarian.

**Table 6AD** List of Facilities under Class AA and AAA Category, Province of Cavite: 2015

Facility	Class	
	AA	AAA
Dressing plant	Sustamina Agri-Industrial Corp, Silang	
Slaughter House	Villapando Slaughterhouse, Gen. Mariano Alvarez Jaro Development Corp, City of Imus Imus Municipal Slaughterhouse, City of Imus Tagaytay City Slaughterhouse Trece Martires City Slaughterhouse	Monterey Meat Plant, City of Dasmariñas
Meat Processing Plant	Jaro Development Corp, City of Imus	Monterey Meat Plant, City of Dasmariñas Purefoods-Hormel, City of Gen. Trias

Source: Office of the Provincial Veterinarian, Trece Martires City

### Food Self-Sufficiency

Food security is defined as “the access for all people at all times to enough food for a healthy, active life”. In contrast, food self-sufficiency is defined as being able to meet consumption needs (particularly for staple food crops) from own production rather than by buying or importing ([www.ifpri.org](http://www.ifpri.org)).

Table 6AF indicates the sufficiency level for crops and meat products in the province. Rice self-sufficiency was recorded at only 13.57% while root crops generated 75.92% sufficiency. Moreover, sufficiency level for pork was posted at 55.07% while poultry meat was recorded at 14.20%.

**Table 6AE** Other Type of Support Facilities by City/Municipality  
Province of Cavite: 2015

City/Municipality	Feedmills	Feed Dealers/ Veterinary Drugstores	Veterinary/ Animal Clinic	Meat Shop	Pet Shop
<b>1<sup>st</sup> District</b>		<b>23</b>	<b>5</b>	<b>131</b>	<b>7</b>
Cavite City		13	2	71	2
Kawit		5	2	1	3
Noveleta		3	1	26	
Rosario		2		33	2
<b>2<sup>nd</sup> District</b>		<b>81</b>	<b>9</b>	<b>27</b>	<b>6</b>
City of Bacoor		81	9	27	6
<b>3<sup>rd</sup> District</b>		<b>17</b>	<b>6</b>	<b>112</b>	<b>4</b>
City of Imus		17	6	112	4
<b>4<sup>th</sup> District</b>	<b>1</b>	<b>29</b>	<b>10</b>	<b>5</b>	<b>5</b>
City of Dasmariñas	1	29	10	5	5
<b>5<sup>th</sup> District</b>	<b>2</b>	<b>48</b>	<b>4</b>	<b>77</b>	<b>11</b>
Carmona		8		19	2
Gen. Mariano Alvarez		13	2	26	3
Silang	2	27	2	32	6
<b>6<sup>th</sup> District</b>	<b>1</b>	<b>55</b>	<b>6</b>	<b>98</b>	<b>11</b>
Amadeo		8		16	
City of Gen. Trias		27	4	32	6
Tanza		16		24	2
Trace Martires City	1	4	2	26	3
<b>7<sup>th</sup> District</b>		<b>79</b>	<b>7</b>	<b>149</b>	<b>4</b>
Alfonso		20		40	2
Gen. E. Aguinaldo		14		6	
Indang		9	1	28	
Magallanes		4		9	
Maragondon		6		12	
Mendez		8		1	
Naic		12	2	44	1
Tagaytay City		4	4	6	1
Ternate		2		3	
<b>Total</b>	<b>4</b>	<b>332</b>	<b>47</b>	<b>599</b>	<b>48</b>

Source: Office of the Provincial Veterinarian, Trece Martires City

#### Formula for Sufficiency Level:

**Consumption = 2015 Total Population X Per  
Capita Requirement**

**% Sufficiency Level = Total Production/Total  
Consumption X 100**

**Table 6AF** Sufficiency Level for Crops and Meat Products Province  
of Cavite: 2015

Food Item	Per Capita Requirement	Production	Consumption (Metric Tons)	Sufficiency Level
	Metric Tons			%
<b>Crops</b>				
Rice	0.10704	55,769.49	411,039.40	13.57
Corn	0.0062	4,990.68	23,808.34	20.96
Root crops	0.00429	11,872.96	16,473.83	72.07
Vegetables	0.039	26,285.81	149,762.11	17.55
Coffee	0.0006	7,411.68	2,304.03	321.68
Banana	0.028	25,665.47	107,521.52	23.87
Pineapple	0.028	33,738.81	107,521.52	31.38
<b>Meat</b>				
Pork	0.013	27,492.14	49,920.70	55.07
Beef	0.00182	7,011.20	6,988.90	100.32
Poultry Meat	0.00814	4,437.11	31,258.04	14.20
<b>2015 Projected Population</b>	<b>3,840,054</b>			

Source: Office of the Provincial Agriculturist and Office of the Provincial Veterinarian, Trece Martires City

## Agrarian Reform

Department of Agrarian Reform is the lead implementing agency of Comprehensive Agrarian Reform Program (CARP). It undertakes land tenure improvement, development of program beneficiaries and agrarian justice delivery.

### 2015 DAR-Cavite Accomplishment Report

Comprehensive Agrarian Reform Program (CARP) implementation centers on three major components, namely a) Land Tenure Services, b) Agrarian Legal Services and c) Technical Advisory Support Services.

A. Land Tenure Services - This is the core of CARP that seeks to improve the quality of life of Agrarian Reform Beneficiaries (ARBs) by giving them access to agricultural lands and at the same time ensuring their security of tenure. It has three sub-components:

- Land Acquisition and Distribution (LAD) - In 2015, the total funded target area or the identified CARP area and with notices of coverage is 280.00 hectares. This came from the municipalities of Silang, Tanza, Indang, Magallanes, Naic, Ternate and City of Gen. Trias.



As presented at Table 6AG, out of the target area, DAR was able to accomplish or has completed processing of 149.9984 hectares, out of which 59.8985 (carpable area) were distributed to 40 Agrarian Reform Beneficiaries (ARBs). Moreover, Non-CARP areas totalled to 90.0999 hectares. This includes portions of landholdings that are retention areas for landowners and areas not suited for agriculture (roads, easements, creeks, eroded portions, etc). The carpable area has been added to 2014's LAD (9,920.0255 hectares) thus giving a total cumulative land acquisition and distribution's accomplishment of 9,979.9240 hectares.

**Table 6AG** Land Acquisition and Distribution (LAD) Accomplishment by City/Municipality, Province of Cavite: For the Year 2015

City/Municipality	Area (has)			Number of ARBs
	CARPable	Non-CARP	Total	
Silang	2.5419	6.3201	8.8620	11
City of Gen. Trias	2.0000	3.8719	5.8719	2
Tanza	23.1873	7.0316	30.2189	9
Indang	20.7068	38.7353	59.4421	9
Magallanes	9.1886	34.1410	43.3296	7
Naic	2.2000		2.2000	1
Ternate	0.0739		0.0739	1
<b>Total</b>	<b>59.8985</b>	<b>90.0999</b>	<b>149.9984</b>	<b>40</b>

Source: Department of Agrarian Reform, Trece Martires City

- Leasehold Operations - There was no target in leasehold but as a result of mediation conferences held between landowners and tenants, 6.1288 hectares of tenanted lands were placed under leasehold that transformed two (2) shares - tenants into leaseholders.
- Land Tenure Sustainability Program which is categorized into (a) Subdivision and re-documentation of Collective Certificate of Land Ownership Awards (CLOAs), (b) Documentation of Distributed but Not Yet Paid (DNYP) Lands, (c) Final Survey Documentation and (d) Preparation of Land Acquisition and Distribution Information Schedule (LADIS).

B. Agrarian Legal Services - DAR has the primary jurisdiction to determine and adjudicate agrarian reform cases and extend free legal assistance to ARBs involved in agrarian cases. This is operationalized through the following program components:

- Adjudication of Agrarian Reform Cases (AARC) – The DAR Adjudication Board (DARAB) of Cavite has jurisdiction over land valuation cases, farmers' ejectment cases, collection and fixing of lease rentals and cancellation of Emancipation Patent (EP)/Certificate of Land Ownership Award (CLOA). Table 6 AH shows its accomplishment on AARC for CY 2015.

**Table 6AH** Accomplishment on Adjudication Agrarian Reform Cases, Province of Cavite: 2015

Particulars	Target	Accomplished
Case Resolution	30	65
Mediation	30	151
Post Judgement Proceedings	40	81
Implementation/Execution of Resolutions, Decisions, Orders	15	36
Cancellation of CLOA Case Build-up Records transmitted to Office of the Secretary	89	2
Posting of Notices	89	89
LAD Related Activities		
Administration of Oaths	8	10

Source: Department of Agrarian Reform, Trece Martires City

- Resolution of Agrarian Law Implementation (ALI) Cases and Provision of Agrarian Legal Assistance (ALA) – these are the two components being handled by DAR's Legal Division wherein in 2015, DAR accomplished 9 Resolution of ALI Cases and 650 Land Transfer Cases. Moreover, agrarian legal assistance was provided thru the conduct of conciliation/mediation conferences with 222 cases and representation of ARBs to Judicial and Quasi-Judicial Courts with 7 and 52 representations, respectively

C. Technical Advisory Support Services- The third major component of the Agrarian Reform program is primarily concerned with the systematic delivery of support services needed to accelerate the socio-economic development of the ARBs and the rural communities where they live. Throughout the years, delivery of support services gradually evolved to become a holistic development approach that includes both physical and social infrastructure programs.

The program beneficiaries' development is implemented through the following sub-components: Social Infrastructure and Local Capability Building (SILCAB), Sustainable Area-based and Rural Enterprise Development (SARED), Access Facilitation Access Enhancement (AFAE), Support Services to Rural Women, Support Services to Landowners and Partnership Development.