



# ASEAN Early Warning Information



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## Rice Situation in ASEAN

### Production

The final paddy production estimate in ASEAN for 2009 (2008/09 crop year) was 196.35 million tons up 5.52 million tons or 2.89 percent from previous year (Table 1, Figure 1). The present estimate has been revised upward from 195.49 million tons from December 2009 Agricultural Commodity Outlook Report. The growth in production is attributed to the increase in both area and yield. Myanmar, Indonesia, Malaysia and Brunei have revised their estimates upward while the Philippines and Vietnam have revised their estimates downward. For other countries, the estimates remained unchanged.

For 2010 (2009/10 crop year), the paddy production in ASEAN is forecast to change little from 196.35 million tons to be 197.11 million tons, up 0.76 million tons or less than one percent from 2009 (Table 1, Figure 1). The paddy production in all countries, except Vietnam and Thailand, are forecast to increase. In Thailand, the decrease in production is attributed to the damage caused by the brown plant hopper and the drought during dry season crop. For Vietnam, the reduction in production is expected due to the decrease in planted area as a result of unfavorable weather.

### Harvested area

The final estimate for 2009(2008/09 crop year) harvested area in ASEAN was 47.74 million hectares, up from 46.93 million hectares, or 1.7 percent from previous year (Table 3, Figure 3). The increase in harvested area had occurred in almost every country except Brunei due to natural disaster (flood).

The harvested area in ASEAN is forecast to rise a little from 47.74 million hectares in 2009 to 47.76 million hectares in 2010 (Table 3, Figure 3). Moderate reduction in harvested area are expected in Vietnam and Thailand for 2010 as compared with 2009. The loss in harvested area in Thailand is due to the drought during wet season crop. For Vietnam, only planted area is reported.

## **Yield**

The average paddy yield for the whole ASEAN in 2009 (2008/09 crop year) was estimated at 4.11 tons per hectare, up 0.05 ton or about 1 percent from previous year (Table 4, Figure 4). The increase in yield was found in almost every country except the Philippines and Thailand. The contraction in yield in Thailand was due to the pests and the drought. For Philippines, the decrease in yield was due to the unfavorable weather.

The average paddy yield for 2010 is forecast to be 4.13 tons per hectare which is relatively the same as 2009 (Table 4, Figure 4). In Brunei, very high percentage increase in yield is expected because the farmers use more improved variety, use more fertilizer and taking care of their crop better under the government support program.

## **Damaged Area**

The paddy damaged area in 2010 (2009/10 crop year) for ASEAN as a whole is estimated at 727,968 hectares. The damaged areas due to pests, drought and flood were 321,822 , 265,301 and 131,220 hectares respectively. The most affected by the pests and the drought was in Thailand. The most affected by the flood was in Cambodia and Lao PDR. The damaged area in Vietnam is not available due to the different approach used in data collection (Table 5).

## **Maize Situation in ASEAN**

### **Production**

The overall maize production estimate in ASEAN for 2009 (2008/09 crop year) was 36.88 million tons, up 2.32 million tons as compared with 2008 (Table 6, Figure 5). The growth in production was found in almost all countries except Vietnam. The production in Vietnam had decreased 0.19 million tons from previous year due to the reduction in planted area. For other countries, the increase was due to both planted area and yield.

The maize production in ASEAN is forecast to be 38.39 million tons in 2010, up 1.51 million tons from 2009 (Table 6, Figure 5). The increase in production is attributed to both area and yield. All countries are expected to boost their production in response to the price increase.

### **Harvested area**

The harvested area of maize in 2009 (2008/09 crop year) was estimated at 9.84 million hectares as compared with 9.52 hectares, an increase of about 0.32

million hectares or 3.4 percent (Table 8, Figure 7). The harvested area had increased in every country except Vietnam. In terms of area, the most increase had occurred in Indonesia, but in terms of percentage, the most increase had occurred in Lao PDR. The increase in those countries was mainly due to the response to the increase in price received by farmers. For Vietnam, the reduction in harvested (planted area) was mainly due to the drought.

The harvested area in 2010 (2009/10 crop year) is forecast to be 10.08 million hectares, up 2.40 percent from 2009 (Table 8, Figure 7). The increase in harvested area is expected in every country. In Lao PDR, the expansion in area is due to the increase in demand especially the border trade with Thailand, Vietnam and China. For Thailand, the increase is because of the farmers have switched from growing cassava to maize as a result of the dispersion of the pests which affected the cassava growing.

### **Yield**

The yield of maize in ASEAN in 2009 was estimated at 3.75 tons per hectare, an increase of about 0.12 ton or 3.24 percent as compared with 2008 (Table 9, Figure 8). The increase in yield was found in every country. The reason for increasing yield was mainly due to the response to the increase in price so the farmers taking care of their crop better.

The yield in 2010 is forecast to be 3.81 ton per hectare compared with 3.75 ton per hectare in 2009 (Table 9, Figure 8). The increase in yield is expected in almost every country except Myanmar and Vietnam. However, the decrease in yield in these two countries is relatively very small.

### **Damaged area**

The total damaged area of maize in ASEAN in 2010 was reported at 69,233 hectares and the cause of damage was mainly due to the drought. The most affected country was Thailand (Table 10).

## **Sugarcane Situation in ASEAN**

### **Production**

The sugarcane production in ASEAN in 2009 (2008/09 crop year) was estimated at 133.81 million tons down from 144.76 million tons or 7.56 percent from previous year (Table 11, Figure 9). The decrease in production was due to the decrease in both harvested area and yield. Thailand is the number one producing country in the region and followed by the Philippines and Indonesia. Malaysia, Singapore and Brunei do not grow sugarcane. The decrease in production in 2009

had occurred in Thailand, the Philippines, Vietnam and Cambodia. For the rest of the countries, the production had increase.

The sugarcane production in 2010 is forecast to be 139.75 million tons up 4.44 percent from 2009 (Table 11, Figure 9). The increase in production is due to the increase in both area and yield. The increase is expected in every country except Myanmar. The fall in production in Myanmar is expected due to the decrease in both area and yield.

### **Harvested area**

The estimate harvested area of sugarcane in ASEAN in 2009 was 2.25 million hectares down from 2.35 million hectares or 4.51 percent in 2008 (Table 13, Figure 11). The major decrease was found in Thailand. For the Philippines, Vietnam and Myanmar the production has also decreased. For other countries, the harvested area has increased as compared with 2008.

In 2010, the harvested area is forecast to increase to 2.29 million hectares, up about 0.039 million hectares or 1.74 percent (Table 13, Figure 11). In Lao PDR, the expansion area is a result of the increase in demand of the sugar factory which recently established in the country. For Indonesia, Thailand and Vietnam, the reason for increasing of harvested area is the increase in prices. Only the Philippines and Myanmar are expected to have a reduction in harvested area. The decrease in harvested area in the Philippines is due to the rising cost of fertilizer. For Myanmar, the decrease is because of the increase in price of competing crops.

### **Yield**

The average yield of sugarcane in ASEAN in 2009 was estimated at 59.6 tons per hectare down from 61.54 tons in 2008 (Table 14, Figure 12). The decrease in yield was found in Cambodia, the Philippines, Thailand and Vietnam. For other countries, the yield was estimated to increase.

The yield in 2010 is forecast to be 61.15 tons per hectare up 1.58 tons or 2.66 percent from previous year (Table 14, Figure 12). The decrease in yield is expected in Indonesia, Myanmar and Vietnam. In Indonesia, the reduction in yield is because of the farmers use less fertilizer while in Myanmar the decrease is due to the damage cause by animals. For Vietnam, the decrease in yield is due to the flood during the wet season and the drought during the dry season especially in Mekong river region.

**Damaged area**

The damage area of sugarcane in 2010 (2009/10 crop year) was estimated at 54,154 hectares. The most affected countries were Indonesia and Thailand. The major causes of damage was drought and pests respectively (Table 15).

**Table 1 : Paddy production in ASEAN countries, 2008-2010**

Unit: 1,000 Tons

Country	2008 (2007/08)	2009 (2008/09)	change 2009 over 2008		2010 (2009/10)	change 2010 over 2009	
			Quantities	(%)		Quantities	(%)
<b>ASEAN</b>	<b>190,838.37</b>	<b>196,353.81</b>	<b>5,515.46</b>	<b>2.89</b>	<b>197,112.12</b>	<b>758.30</b>	<b>0.39</b>
Brunei	1.40	1.37	-0.03	-2.18	6.14	4.77	348.06
Cambodia	6,727.12	7,173.84	446.72	6.64	7,316.82	142.98	1.99
Indonesia	60,251.07	64,329.33	4,078.26	6.77	64,897.70	568.37	0.88
Lao PDR	2,847.38	3,034.58	187.21	6.57	3,211.62	177.04	5.83
Malaysia	2,374.18	2,460.45	86.26	3.63	2,548.31	87.86	3.57
Myanmar	31,442.47	32,572.36	1,129.89	3.59	32,959.75	387.39	1.19
Philippines	16,815.55	16,258.77	-556.78	-3.31	16,818.98	560.22	3.45
Singapore	-	-	-	-	-	-	-
Thailand	32,099.40	31,650.63	-448.77	-1.40	31,132.80	-517.83	-1.64
Vietnam	38,279.80	38,872.50	592.70	1.55	38,220.00	-652.50	-1.68

**Table 2 : Paddy planted area in ASEAN countries, 2008-2010**

Unit: 1,000 Hectares

Country	2008 (2007/08)	2009 (2008/09)	change 2009 over 2008		2010 (2009/10)	change 2010 over 2009	
			Quantities	(%)		Quantities	(%)
<b>ASEAN</b>	<b>48,314.93</b>	<b>48,656.21</b>	<b>341.28</b>	<b>0.71</b>	<b>48,492.67</b>	<b>-163.54</b>	<b>-0.34</b>
Brunei	1.30	1.73	0.43	33.14	2.28	0.54	31.48
Cambodia	2,585.91	2,615.74	29.84	1.15	2,693.18	77.44	2.96
Indonesia	12,993.28	13,164.99	171.71	1.32	13,006.99	-158.00	-1.20
Lao PDR	818.62	888.74	70.12	8.57	908.01	19.27	2.17
Malaysia	670.52	672.30	1.78	0.27	673.75	1.44	0.21
Myanmar	8,089.65	8,094.21	4.56	0.06	8,090.76	-3.45	-0.04
Philippines	4,525.51	4,606.43	80.92	1.79	4,591.28	-15.16	-0.33
Singapore	-	-	-	-	-	-	-
Thailand	11,229.94	11,171.96	-57.98	-0.52	11,176.43	4.47	0.04
Vietnam	7,400.20	7,440.10	39.90	0.54	7,350.00	-90.10	-1.21

**Table 3 : Paddy harvested area in ASEAN countries, 2008-2010**

Unit: 1,000 Hectares

Country	2008 (2007/08)	2009 (2008/09)	change 2009 over 2008		2010 (2009/10)	change 2010 over 2009	
			Quantities	(%)		Quantities	(%)
<b>ASEAN</b>	<b>46,929.21</b>	<b>47,735.94</b>	<b>806.73</b>	<b>1.72</b>	<b>47,764.70</b>	<b>28.77</b>	<b>0.06</b>
Brunei	1.15	1.06	-0.09	-7.52	2.05	0.99	92.91
Cambodia	2,566.95	2,612.47	45.52	1.77	2,649.74	37.27	1.43
Indonesia	12,327.43	12,878.04	550.61	4.47	12,891.75	13.71	0.11
Lao PDR	825.55	841.03	15.48	1.88	856.81	15.78	1.88
Malaysia	667.66	669.85	2.20	0.33	671.19	1.34	0.20
Myanmar	8,011.39	8,077.52	66.13	0.83	8,084.34	6.82	0.08
Philippines	4,459.98	4,532.31	72.33	1.62	4,577.87	45.55	1.01
Singapore	-	-	-	-	-	-	-
Thailand	10,668.91	10,683.55	14.64	0.14	10,680.96	-2.59	-0.02
Vietnam	7,400.20	7,440.10	39.90	0.54	7,350.00	-90.10	-1.21

**Note:** Vietnam reported only planted area

**Table 4 : Paddy yield in ASEAN countries, 2008-2010**

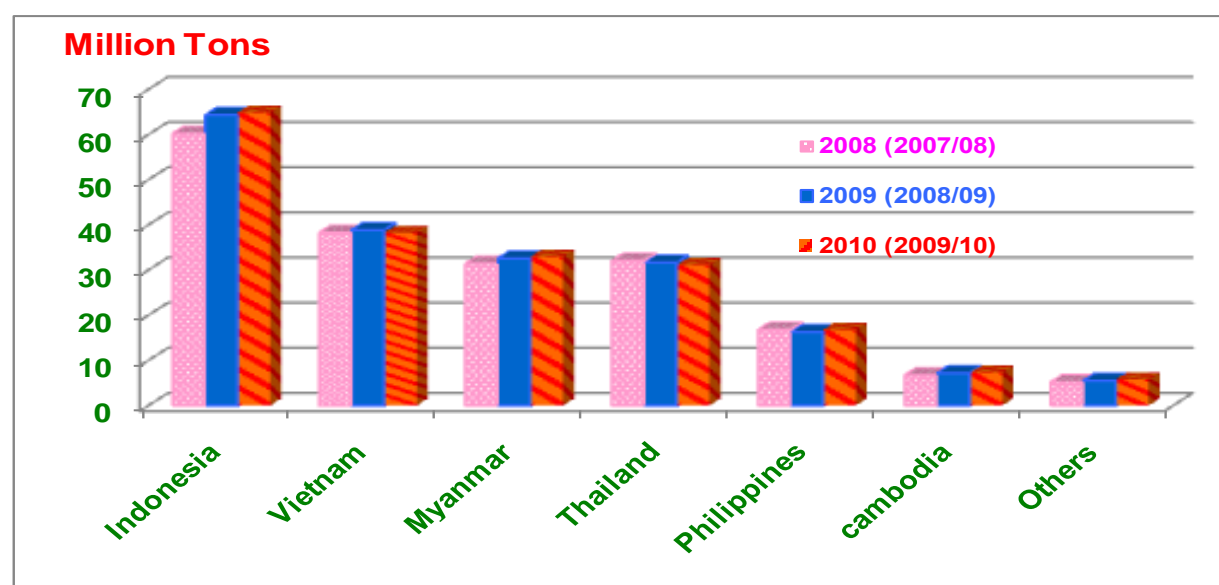
Unit: Tons/Hectare

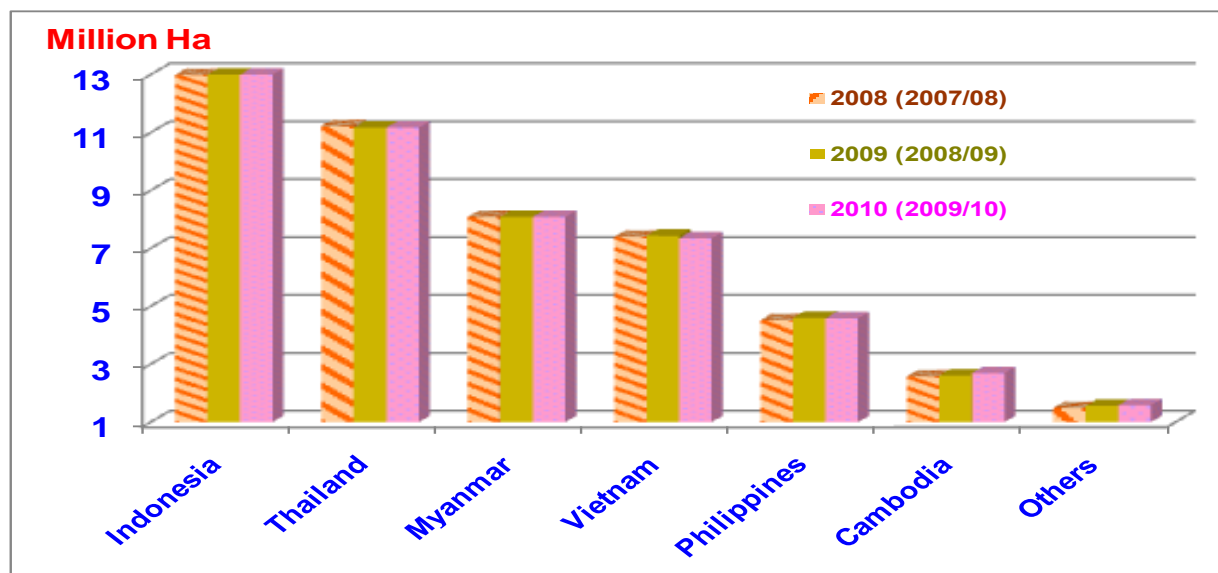
Country	2008 (2007/08)	2009 (2008/09)	change 2009 over 2008		2010 (2009/10)	change 2010 over 2009	
			Quantities	(%)		Quantities	(%)
<b>ASEAN</b>	<b>4.07</b>	<b>4.11</b>	<b>0.05</b>	<b>1.15</b>	<b>4.13</b>	<b>0.01</b>	<b>0.33</b>
Brunei	1.22	1.29	0.07	5.77	3.00	1.71	132.26
Cambodia	2.62	2.75	0.13	4.78	2.76	0.02	0.56
Indonesia	4.89	5.00	0.11	2.20	5.03	0.04	0.78
Lao PDR	3.45	3.61	0.16	4.61	3.75	0.14	3.88
Malaysia	3.56	3.67	0.12	3.29	3.80	0.12	3.36
Myanmar	3.92	4.03	0.11	2.75	4.08	0.04	1.10
Philippines	3.77	3.59	-0.18	-4.85	3.67	0.09	2.42
Singapore	-	-	-	-	-	-	-
Thailand	3.01	2.96	-0.05	-1.53	2.91	-0.05	-1.61
Vietnam	5.17	5.22	0.05	1.00	5.20	-0.02	-0.47

**Note:** Yield related to harvested area except Vietnam which related to planted area

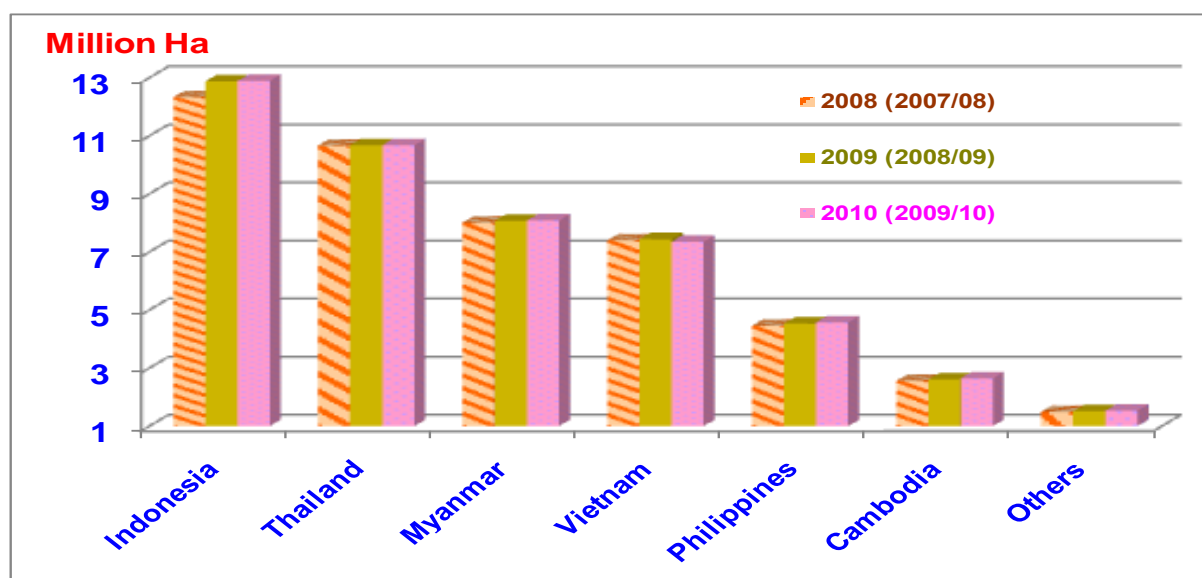
**Table 5 : Paddy damaged area in ASEAN by cause of damage, 2010**

Country	Cause of Damage (Hectare)						Total
	Flood	Drought	Pests	Diseases	Others	Not specify	
ASEAN	131,220	265,301	321,822	533	-	-	727,968
Brunei	91.03	68	45.52	23	-	-	228
Cambodia	38,563	4,824	59	-	-	-	43,446
Indonesia	24,909	87,603	2,726	-	-	-	115,238
Lao PDR.	37,053	4,933	115	-	9,039	-	51,193
Malaysia	766	-	1,276	510	-	-	2,552
Myanmar	6424	-	-	-	-	-	6,424
Philippines	12,679	732	-	-	-	-	13,411
Singapore	-	-	-	-	-	-	-
Thailand	10,735	167,141	317,600	-	-	-	495,476
Vietnam	NA	NA	NA	NA	NA	-	NA

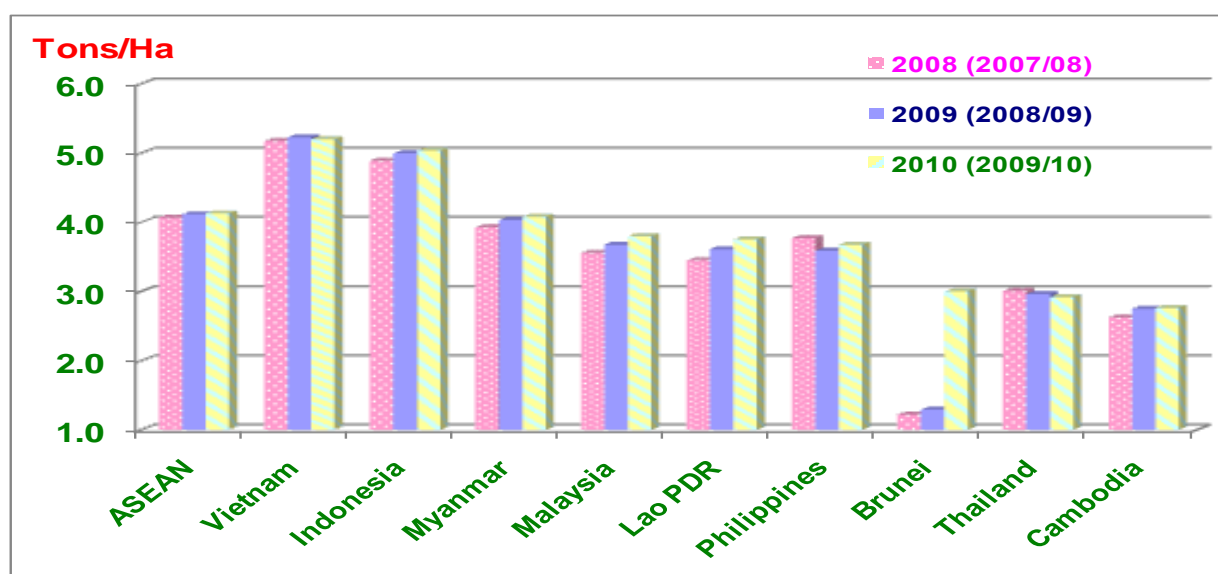
**Figure 1 : Paddy production of selected countries in ASEAN, 2008-2010**



**Figure 2 :** Paddy planted area of selected countries in ASEAN, 2008-2010



**Figure 3 :** Paddy harvested area of selected countries in ASEAN, 2008-2010



**Figure 4 :** Paddy yield of countries in ASEAN, 2008-2010



**Table 6 : Maize production in ASEAN countries, 2008-2010**

Unit: 1,000 Tons

Country	2008 (2007/08)	2009 (2008/09)	change 2009 over 2008		2010 (2009/10)	change 2010 over 2009	
			Quantities	(%)		Quantities	(%)
<b>ASEAN</b>	<b>34,567.39</b>	<b>36,882.69</b>	<b>2,315.31</b>	<b>6.70</b>	<b>38,394.73</b>	<b>1,512.04</b>	<b>4.10</b>
Brunei	-	-	-	-	-	-	-
Cambodia	611.87	906.16	294.29	48.10	939.40	33.24	3.67
Indonesia	16,317.25	17,593.31	1,276.06	7.82	18,115.17	521.86	2.97
Lao PDR	690.80	1,107.13	416.33	60.27	1,691.54	584.41	52.79
Malaysia	32.96	35.19	2.23	6.77	36.42	1.23	3.50
Myanmar	1,177.52	1,215.62	38.10	3.24	1,218.68	3.06	0.25
Philippines	6,928.23	7,034.03	105.81	1.53	7,140.18	106.15	1.51
Singapore	-	-	-	-	-	-	-
Thailand	4,236.56	4,611.85	375.29	8.86	4,653.35	41.50	0.90
Vietnam	4,572.20	4,379.40	-192.80	-4.22	4,600.00	220.60	5.04

**Table 7 : Maize planted area in ASEAN countries, 2008-2010**

Unit: 1,000 Hectares

Country	2008 (2007/08)	2009 (2008/09)	change 2009 over 2008		2010 (2009/10)	change 2010 over 2009	
			Quantities	(%)		Quantities	(%)
<b>ASEAN</b>	<b>9,598.76</b>	<b>9,915.23</b>	<b>316.47</b>	<b>3.30</b>	<b>10,139.23</b>	<b>223.99</b>	<b>2.26</b>
Brunei	-	-	-	-	-	-	-
Cambodia	163.11	221.01	57.91	35.50	221.05	0.04	0.02
Indonesia	4,019.64	4,172.13	152.48	3.79	4,237.42	65.29	1.56
Lao PDR	154.26	233.65	79.40	51.47	318.71	85.05	36.40
Malaysia	6.32	6.34	0.02	0.32	6.39	0.05	0.79
Myanmar	356.03	360.42	4.39	1.23	362.07	1.65	0.46
Philippines	2,690.61	2,700.03	9.41	0.35	2,701.08	1.05	0.04
Singapore	-	-	-	-	-	-	-
Thailand	1,068.60	1,134.96	66.36	6.21	1,142.52	7.56	0.67
Vietnam	1,140.20	1,086.70	-53.50	-4.69	1,150.00	63.30	5.82

**Table 8 : Maize harvested area in ASEAN countries, 2008-2010**

Unit: 1,000 Hectares

Country	2008 (2007/08)	2009 (2008/09)	change 2009 over 2008		2010 (2009/10)	change 2010 over 2009	
			Quantities	(%)		Quantities	(%)
<b>ASEAN</b>	<b>9,522.86</b>	<b>9,841.43</b>	<b>318.57</b>	<b>3.35</b>	<b>10,077.27</b>	<b>235.84</b>	<b>2.40</b>
Brunei	-	-	-	-	-	-	-
Cambodia	163.06	212.68	49.63	30.43	220.00	7.32	3.44
Indonesia	4,001.72	4,156.71	154.98	3.87	4,224.54	67.83	1.63
Lao PDR	154.26	229.22	74.97	48.60	311.16	81.94	35.75
Malaysia	6.32	6.34	0.02	0.40	6.39	0.05	0.79
Myanmar	355.07	360.42	5.35	1.51	362.07	1.65	0.46
Philippines	2,661.02	2,683.89	22.87	0.86	2,690.32	6.43	0.24
Singapore	-	-	-	-	-	-	-
Thailand	1,041.22	1,105.47	64.25	6.17	1,112.79	7.32	0.66
Vietnam	1,140.20	1,086.70	-53.50	-4.69	1,150.00	63.30	5.82

**Note:** Vietnam reported only planted area

**Table 9** : Maize yield in ASEAN countries, 2008-2010

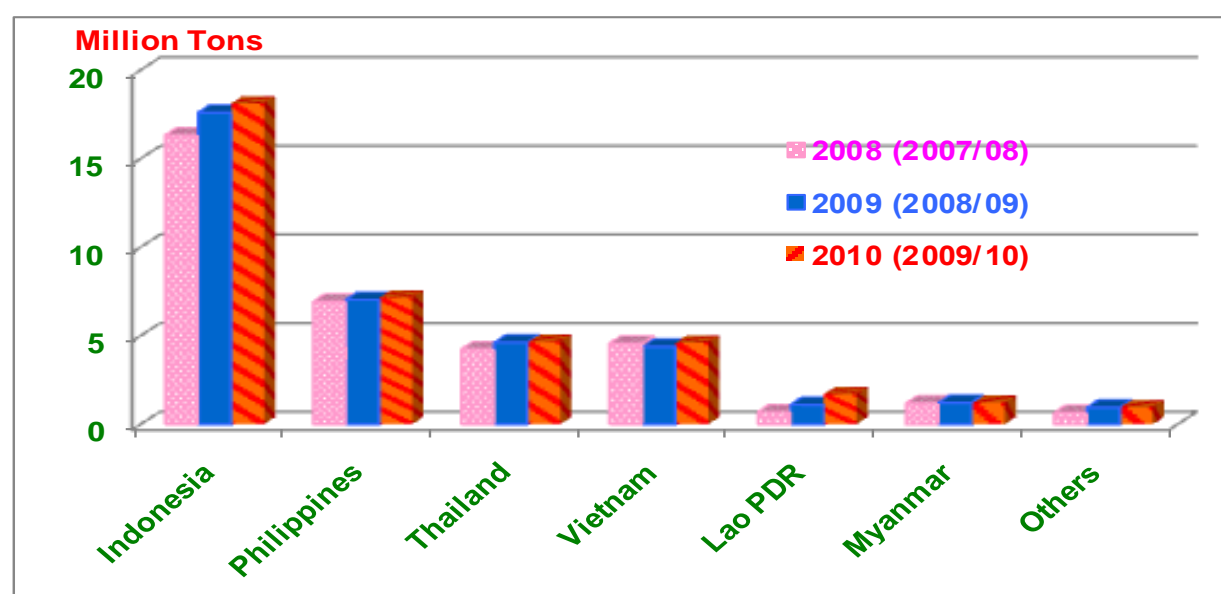
Unit: Tons/Hectare

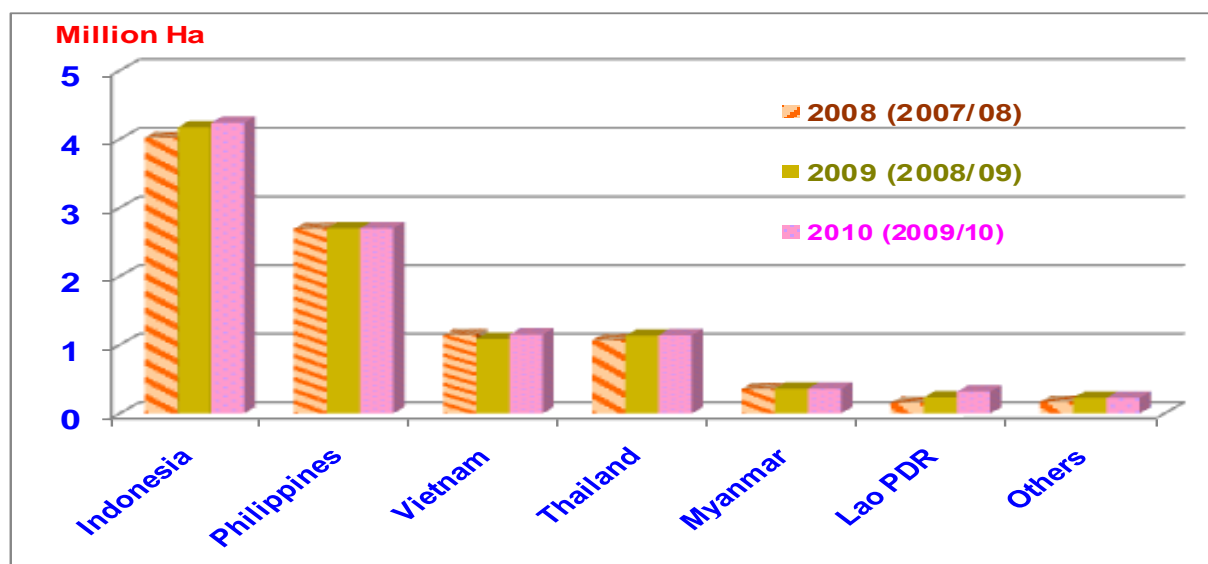
Country	2008 (2007/08)	2009 (2008/09)	change 2009 over 2008		2010 (2009/10)	change 2010 over 2009	
			Quantities	(%)		Quantities	(%)
<b>ASEAN</b>	<b>3.63</b>	<b>3.75</b>	<b>0.12</b>	<b>3.24</b>	<b>3.81</b>	<b>0.06</b>	<b>1.66</b>
Brunei	-	-	-	-	-	-	-
Cambodia	3.75	4.26	0.51	13.54	4.27	0.01	0.22
Indonesia	4.08	4.23	0.15	3.80	4.29	0.06	1.31
Lao PDR	4.48	4.83	0.35	7.85	5.44	0.61	12.55
Malaysia	5.22	5.55	0.33	6.34	5.70	0.15	2.69
Myanmar	3.32	3.37	0.06	1.70	3.37	-0.01	-0.21
Philippines	2.60	2.62	0.02	0.66	2.65	0.03	1.27
Singapore	-	-	-	-	-	-	-
Thailand	4.07	4.17	0.10	2.53	4.18	0.01	0.24
Vietnam	4.01	4.03	0.02	0.50	4.00	-0.03	-0.74

**Note:** Yield related to harvested area except Vietnam which related to planted area

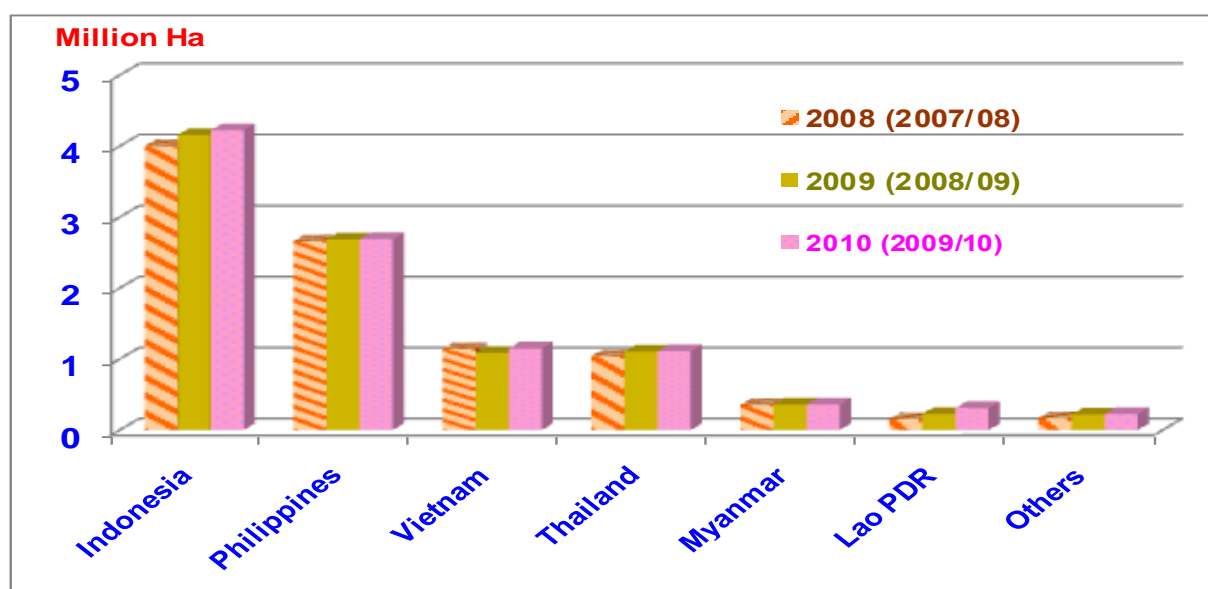
**Table 10** : Maize damage area in ASEAN by cause of damage, 2009/10 crop year

Country	Cause of Damage (Hectare)						Total
	Flood	Drought	Pests	Diseases	Others	Not specify	
<b>ASEAN</b>	<b>20,387</b>	<b>41,274</b>	<b>30</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>69,233</b>
Brunei	-	-	-	-	-	-	-
Cambodia	8,329	-	-	-	-	-	8,329
Indonesia	8,371	4,478	30	-	-	-	12,879
Lao PDR	-	-	-	-	-	7,542	7,542
Malaysia	-	-	-	-	-	-	-
Myanmar	-	-	-	-	-	-	-
Philippines	3,687	7,069	-	-	-	-	10,756
Singapore	-	-	-	-	-	-	-
Thailand	-	29,727	-	-	-	-	29,727
Vietnam	NA	NA	NA	NA	NA	-	NA

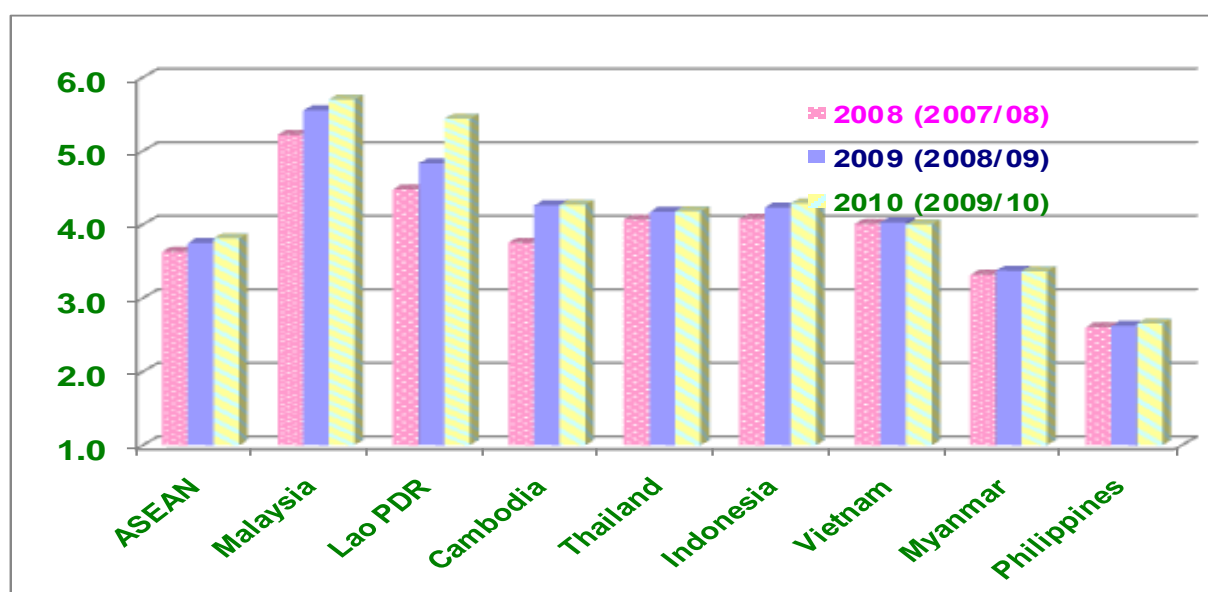
**Figure 5** : Maize production of selected countries in ASEAN, 2008-2010



**Figure 6 :** Maize planted area of selected countries in ASEAN, 2008-2010



**Figure 7 :** Maize harvested area of selected countries in ASEAN, 2008-2010



**Figure 8 :** Maize yield of countries in ASEAN, 2008-2010

**Table 11** : Sugarcane production in ASEAN countries, 2008-2010

Unit: 1,000 Tons

Country	2008 (2007/08)	2009 (2008/09)	change 2009 over 2008		2010 (2009/10)	change 2010 over 2009	
			Quantities	(%)		Quantities	(%)
<b>ASEAN</b>	<b>144,756.51</b>	<b>133,809.87</b>	<b>-10,946.64</b>	<b>-7.56</b>	<b>139,751.41</b>	<b>5,941.54</b>	<b>4.44</b>
Brunei	-	-	-	-	-	-	-
Cambodia	385.24	309.22	-76.02	-19.73	335.00	25.79	8.34
Indonesia	17,344.78	18,523.50	1,178.72	6.80	18,597.17	73.67	0.40
Lao PDR	749.30	1,014.13	264.84	35.34	1,372.57	358.44	35.34
Malaysia	-	-	-	-	-	-	-
Myanmar	9,833.00	9,900.62	67.62	0.69	9,637.65	-262.96	-2.66
Philippines	26,798.04	21,998.90	-4,799.14	-17.91	23,248.80	1,249.90	5.68
Singapore	-	-	-	-	-	-	-
Thailand	73,501.61	66,816.45	-6,685.17	-9.10	71,160.21	4,343.77	6.50
Vietnam	16,144.55	15,247.06	-897.49	-5.56	15,400.00	152.94	1.00

**Table 12** : Sugarcane planted area in ASEAN countries, 2008-2010

Unit: 1,000 Hectares

Country	2008 (2007/08)	2009 (2008/09)	change 2009 over 2008		2010 (2009/10)	change 2010 over 2009	
			Quantities	(%)		Quantities	(%)
<b>ASEAN</b>	<b>2,391.02</b>	<b>2,291.98</b>	<b>-99.04</b>	<b>-4.14</b>	<b>2,339.57</b>	<b>47.59</b>	<b>2.08</b>
Brunei	-	-	-	-	-	-	-
Cambodia	13.30	13.36	0.07	0.50	13.40	0.04	0.28
Indonesia	460.41	473.84	13.44	2.92	478.21	4.37	0.92
Lao PDR	18.61	23.73	5.13	27.55	30.27	6.54	27.55
Malaysia	-	-	-	-	-	-	-
Myanmar	168.58	165.27	-3.31	-1.96	160.12	-5.15	-3.12
Philippines	405.33	391.87	-13.46	-3.32	374.78	-17.09	-4.36
Singapore	-	-	-	-	-	-	-
Thailand	1,054.11	963.81	-90.30	-8.57	1,002.80	38.99	4.05
Vietnam	270.70	260.10	-10.60	-3.92	280.00	19.90	7.65

**Table 13** : Sugarcane harvested area in ASEAN countries, 2008-2010

Unit: 1,000 Hectares

Country	2008 (2007/08)	2009 (2008/09)	change 2009 over 2008		2010 (2009/10)	change 2010 over 2009	
			Quantities	(%)		Quantities	(%)
<b>ASEAN</b>	<b>2,352.35</b>	<b>2,246.35</b>	<b>-106.00</b>	<b>-4.51</b>	<b>2,285.41</b>	<b>39.06</b>	<b>1.74</b>
Brunei	-	-	-	-	-	-	-
Cambodia	13.30	13.31	0.02	0.12	13.40	0.09	0.65
Indonesia	436.51	443.83	7.33	1.68	446.15	2.32	0.52
Lao PDR	17.06	21.29	4.23	24.80	26.56	5.28	24.80
Malaysia	-	-	-	-	-	-	-
Myanmar	165.90	161.78	-4.12	-2.48	157.77	-4.02	-2.48
Philippines	405.33	391.87	-13.46	-3.32	374.78	-17.09	-4.36
Singapore	-	-	-	-	-	-	-
Thailand	1,043.57	954.17	-89.40	-8.57	986.76	32.59	3.42
Vietnam	270.70	260.10	-10.60	-3.92	280.00	19.90	7.65

**Note:** Vietnam reported only planted area

**Table 14** : Sugarcane yield in ASEAN countries, 2008-2010

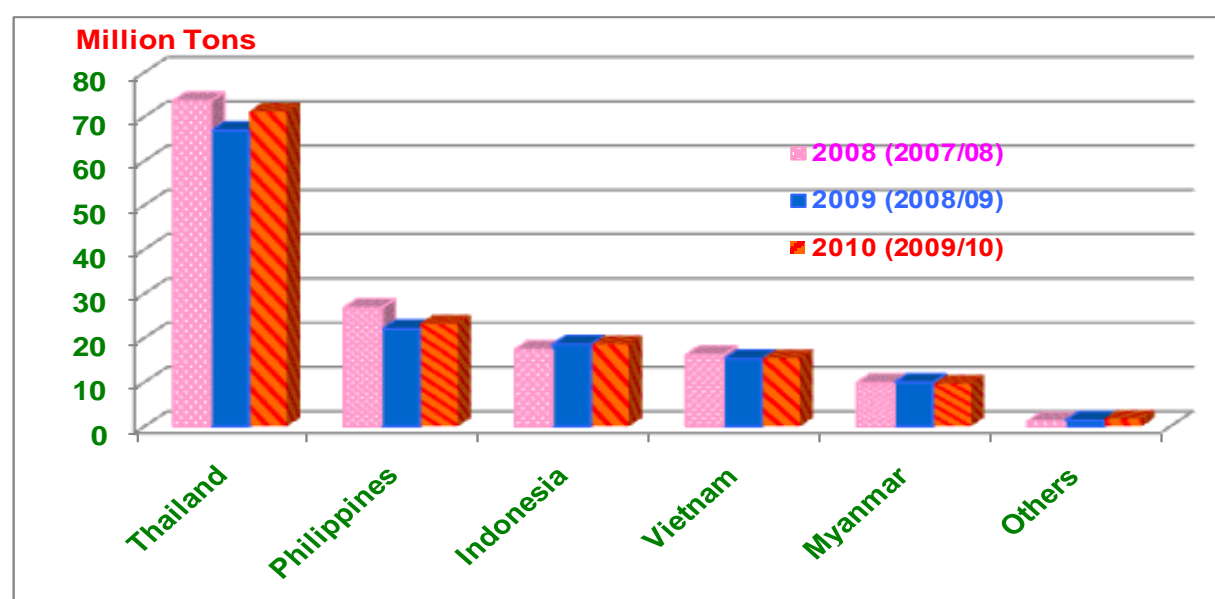
Unit: Tons/Hectare

Country	2008 (2007/08)	2009 (2008/09)	change 2009 over 2008		2010 (2009/10)	change 2010 over 2009	
			Quantities	(%)		Quantities	(%)
<b>ASEAN</b>	<b>61.54</b>	<b>59.57</b>	<b>-1.97</b>	<b>-3.20</b>	<b>61.15</b>	<b>1.58</b>	<b>2.66</b>
Brunei	-	-	-	-	-	-	-
Cambodia	28.97	23.23	-5.75	-19.83	25.00	1.77	7.64
Indonesia	39.74	41.74	2.00	5.03	41.68	-0.05	-0.12
Lao PDR	43.93	47.65	3.71	8.45	51.67	4.03	8.45
Malaysia	-	-	-	-	-	-	-
Myanmar	59.27	61.20	1.93	3.25	61.09	-0.11	-0.18
Philippines	66.11	56.14	-9.98	-15.09	62.03	5.90	10.50
Singapore	-	-	-	-	-	-	-
Thailand	70.43	70.03	-0.41	-0.58	72.12	2.09	2.98
Vietnam	59.64	58.62	-1.02	-1.71	55.00	-3.62	-6.18

**Note:** Yield related to harvested area except Vietnam which related to planted area

**Table 15** : Sugarcane damage area in ASEAN by cause of damage, 2009/10 crop year

Country	Cause of Damage (Hectare)						Total
	Flood	Drought	Pests	Diseases	Others	Not specify	
<b>ASEAN</b>	<b>0</b>	<b>10,445</b>	<b>5,600</b>	<b>-</b>	<b>2,351</b>	<b>35,758</b>	<b>54,154</b>
Brunei	-	-	-	-	-	-	-
Cambodia	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	32,056	32,056
Lao PDR	-	-	-	-	-	3,702	3,702
Malaysia	-	-	-	-	-	-	-
Myanmar	-	-	-	-	2,351	-	2,351
Philippines	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-
Thailand	-	10,445	5,600	-	-	-	16,045
Vietnam	NA	NA	NA	NA	NA	-	NA

**Figure 9** : Sugarcane production of selected countries in ASEAN, 2008-2010

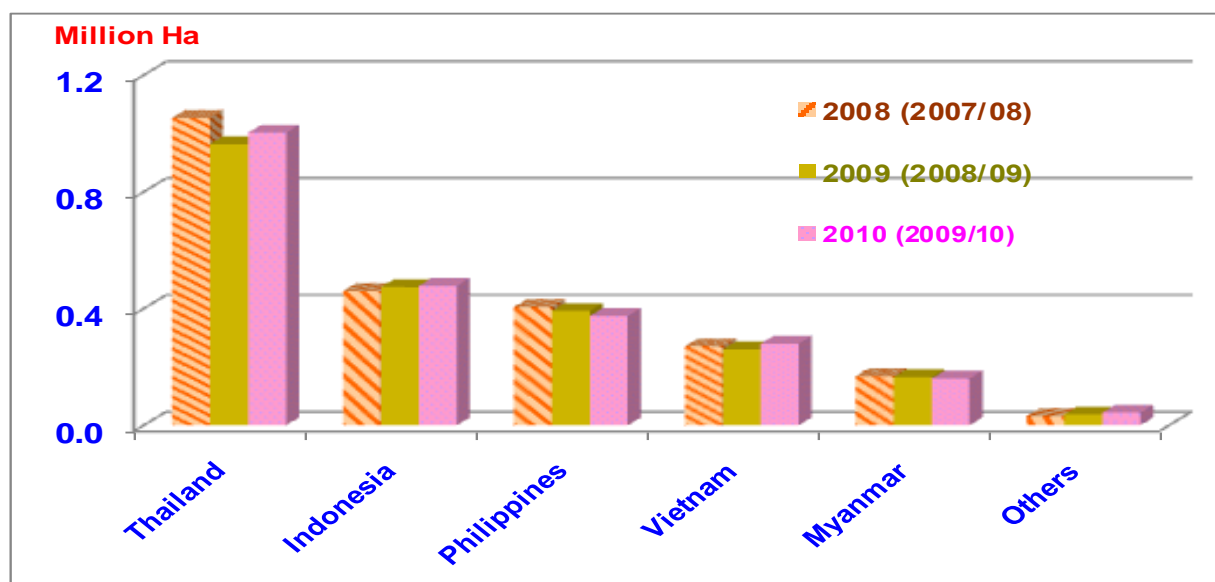


Figure 10 : Sugarcane planted area of selected countries in ASEAN, 2008-2010

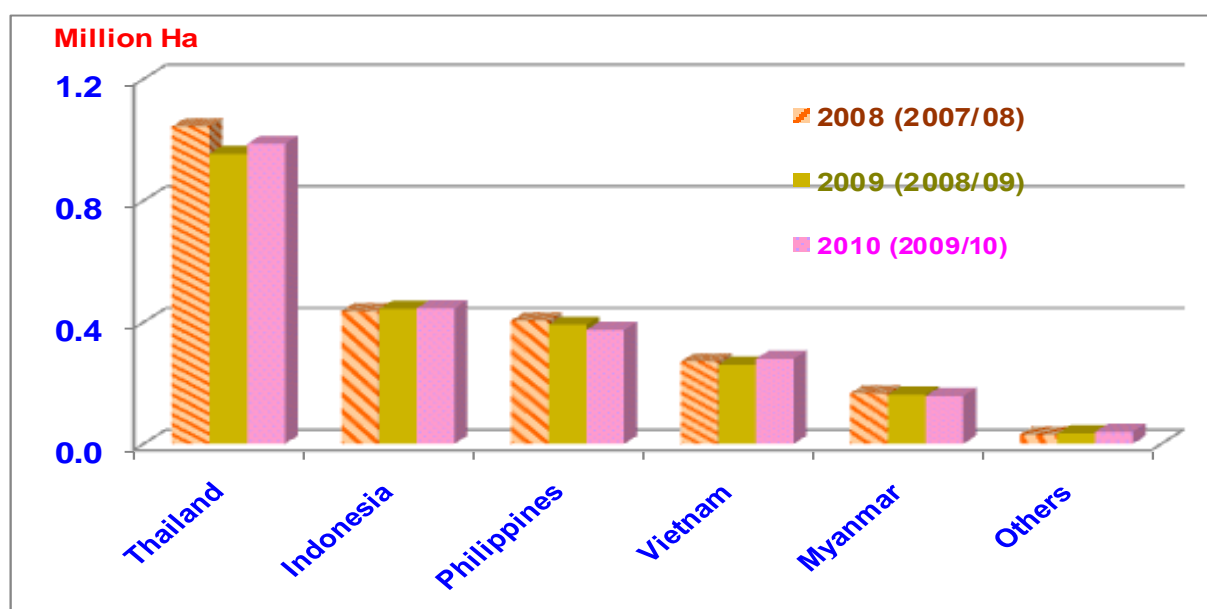


Figure 11 : Sugarcane harvested area of selected countries in ASEAN, 2008-2010

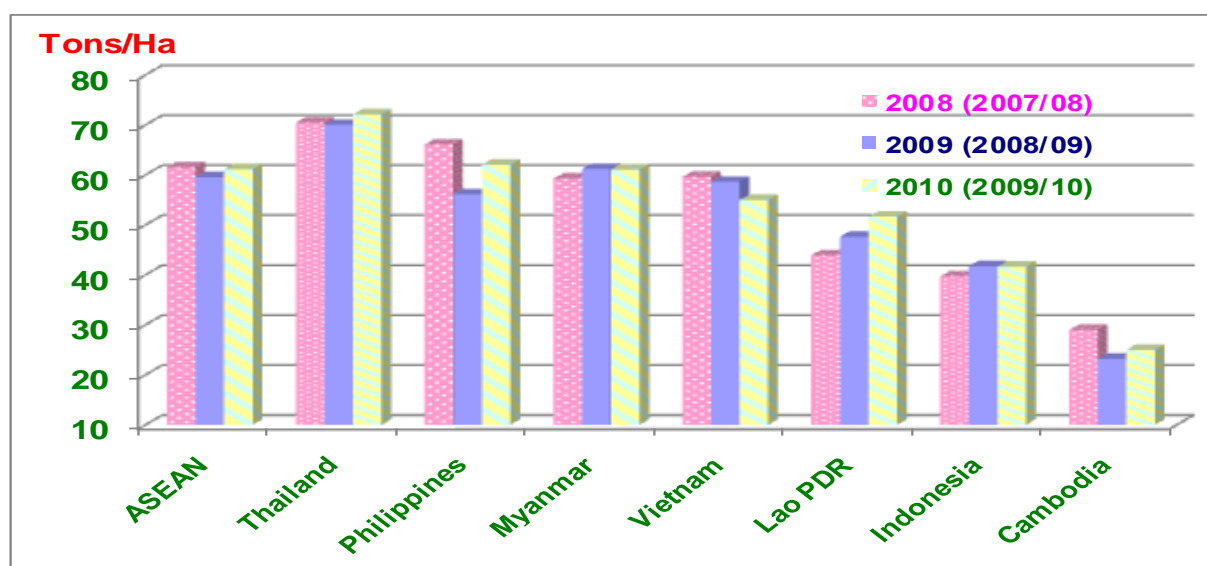


Figure 12 : Sugarcane yield of countries in ASEAN, 2008-2010