



Rice Situation in ASEAN

Production

The 2011 (crop year 2011/10) paddy production in ASEAN for 2010 (crop year 2009/10) was estimated at 207.25 million tons, an increase of 7.62 million tons or 3.81 percent from 199.63 million tons in 2010. The 2011 estimate has been revised downward a little from 207.04 million tons in June 2011 Agriculture Commodity Outlook (ACO) report. The increase in production was attributed to the increase in both area and yield. All countries, except Myanmar, the estimated production has increased as compared with the previous year. The most increase was found in Thailand and followed by the Indonesia and Philippines. The increase in Thailand derived mainly from the increase in the second crop due to farmers respond to the price received under the income guarantee scheme of the government and the favorable weather. The increase in Indonesia due to farmers respond to increase of price, government policy and favorable weather. And the increase in the Philippines was due to the recovery from El Nino phenomenon last year and the farmers used more improved variety.

The paddy production in 2012 (crop year 2011/12) in ASEAN is forecast to increase about 0.29 percent from 207.25 million tons in 2011 to 207.85 million tons in 2012. Every country, except Myanmar, is forecast to have an increase in production. The highest increase is forecast in Vietnam and follow by Philippines and Lao PDR respectively. However, these forecasts have not yet taken the damage due to the ongoing flood in the region into account. Therefore, the forecast will be revised again in the next ACO report in December 2011.

Harvested Area

The harvested area of paddy in ASEAN in 2011 (crop year 2010/11) was estimated at 49.97 million hectares, up 1.45 million hectares or 2.98 percent from 48.52 million hectares in 2010. Only Myanmar and Brunei were found to have a decrease in harvested area. The most increase in harvested area occurred in Thailand, Indonesia and the Philippines Vietnam respectively. The expansion

in area is mainly due to the favorable weather and the response of the farmers to the price increase. The reduction in area in Myanmar was due to the unfavorable weather.

The harvested area in 2012 (crop year 2011/12) is forecast to increase only 0.18 million hectare or 0.35 percent from 49.97 million hectares in 2011 to 50.14 million tons hectares. This is because the normal weather is expected.

Yield

The average yield of paddy in the ASEAN in 2011 (crop year 2010/11) was estimated at 4.15 tons per hectare which is about the same as the estimate in June 2011 ACO report. When compared with the previous year estimate it was found that the average yield of 2011 in all countries in the region was higher than the year 2010 except Indonesia. In Brunei, the smallest rice producing country in the region, showed the most impressive growth in the yield. The increase in the yield, in most cases, was mainly due to the favorable weather. For Brunei, besides the good weather, the increasing in the use of improved variety and fertilizer were additional factors led to the increase in yield.

For 2012, the average yield of paddy in ASEAN is forecast to be 4.15 tons per hectare, which is about the same as in 2011. This forecast is, in general, based on the assumption of normal weather condition.

Damaged Area

The reported damaged area of paddy in ASEAN in 2011 was 1.00 million hectares. Most of the damaged areas were caused by flood. The most affected area occurred in Thailand. Moreover, the damaged areas were caused by the drought, diseases and pests respectively.

Table 1 : Paddy production in ASEAN countries, 2010-2012

Unit: 1,000 Tons

Country	2010 (2009/10)	2011 (2010/11)	change 2011 over 2010		2012 (2011/12)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	199,634.28	207,249.78	7,615.50	3.81	207,854.53	604.75	0.29
Brunei	1.65	1.99	0.35	20.99	2.83	0.84	41.93
Cambodia	7,585.87	8,249.45	663.58	8.75	8,508.64	259.19	3.14
Indonesia	66,469.39	68,061.72	1,592.33	2.40	68,338.36	276.64	0.41
Lao PDR	3,070.64	3,205.25	134.61	4.38	3,594.20	388.95	12.13
Malaysia	2,464.83	2,665.10	200.27	8.12	2,750.41	85.31	3.20
Myanmar	32,165.12	32,064.43	-100.69	-0.31	30,235.64	-1,828.79	-5.70
Philippines	15,772.32	17,294.29	1,521.97	9.65	17,793.78	499.50	2.89
Singapore	-	-	-	-	-	-	-
Thailand	32,116.06	34,484.96	2,368.89	7.38	34,823.17	338.21	0.98
Vietnam	39,988.40	41,222.60	1,234.20	3.09	41,807.50	584.90	1.42

Table 2 : Paddy planted area in ASEAN countries, 2010-2012

Unit: 1,000 Hectares

Country	2010 (2009/10)	2011 (2010/11)	change 2011 over 2010		2012 (2011/12)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	49,365.88	50,968.52	1,602.64	3.25	50,860.97	-107.56	-0.21
Brunei	1.85	1.66	-0.19	-10.16	2.31	0.65	39.32
Cambodia	2,720.38	2,795.89	75.51	2.78	2,810.00	14.11	0.50
Indonesia	13,376.49	13,713.89	337.40	2.52	13,722.80	8.91	0.06
Lao PDR	899.45	910.30	10.86	1.21	950.00	39.70	4.36
Malaysia	677.88	683.68	5.79	0.85	692.34	8.66	1.27
Myanmar	8,066.65	8,047.28	-19.37	-0.24	7,779.73	-267.55	-3.32
Philippines	4,473.69	4,647.79	174.10	3.89	4,706.59	58.80	1.27
Singapore	-	-	-	-	-	-	-
Thailand	11,635.19	12,461.83	826.63	7.10	12,562.19	100.36	0.81
Vietnam	7,514.30	7,706.20	191.90	2.55	7,635.00	-71.20	-0.92

Table 3 : Paddy harvested area in ASEAN countries, 2010-2012

Unit: 1,000 Hectares

Country	2010 (2009/10)	2011 (2010/11)	change 2011 over 2010		2012 (2011/12)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	48,521.31	49,967.33	1,446.02	2.98	50,144.51	177.17	0.35
Brunei	1.56	1.49	-0.07	-4.18	2.08	0.59	39.32
Cambodia	2,674.60	2,777.32	102.72	3.84	2,789.92	12.60	0.45
Indonesia	13,253.45	13,566.60	313.15	2.36	13,599.76	33.16	0.24
Lao PDR	855.11	869.39	14.28	1.67	950.00	80.61	9.27
Malaysia	668.58	678.23	9.65	1.44	684.30	6.07	0.90
Myanmar	8,058.15	8,011.48	-46.67	-0.58	7,767.95	-243.53	-3.04
Philippines	4,354.16	4,635.73	281.57	6.47	4,706.59	70.87	1.53
Singapore	-	-	-	-	-	-	-
Thailand	11,141.39	11,720.89	579.50	5.20	12,008.90	288.01	2.46
Vietnam	7,514.30	7,706.20	191.90	2.55	7,635.00	-71.20	-0.92

Note: Vietnam reported only planted area.

Table 4 : Paddy yield in ASEAN countries, 2010-2012

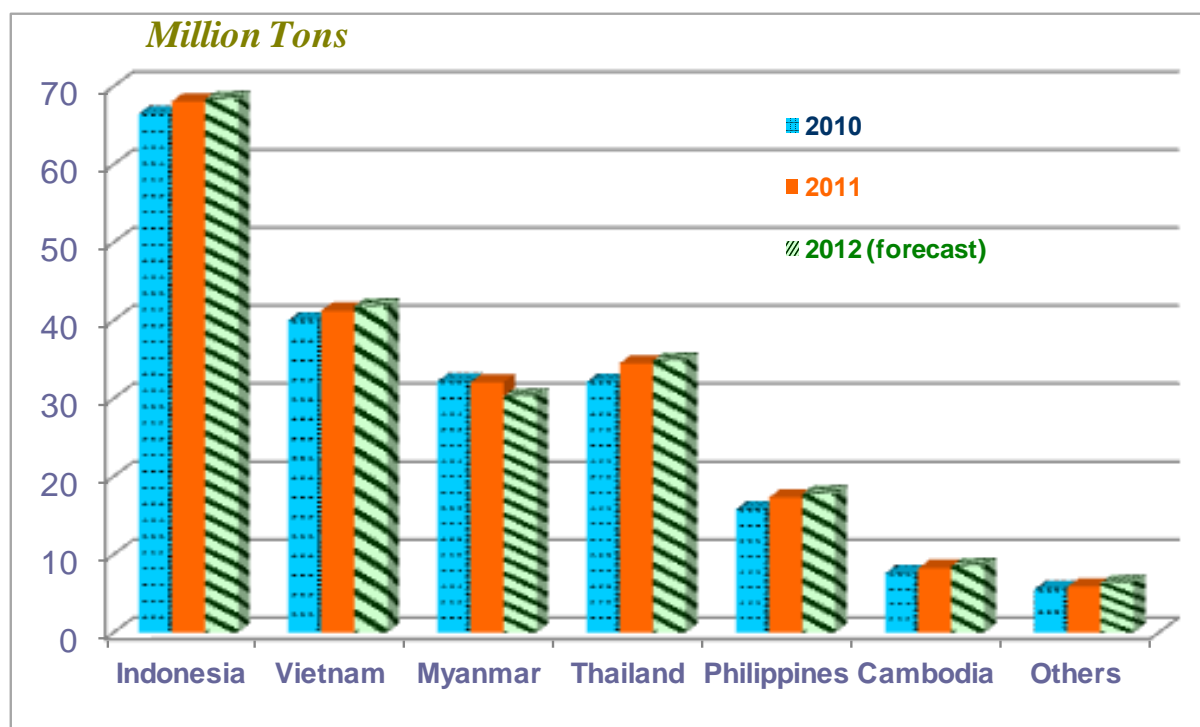
Unit: Ton/Hectare

Country	2010 (2009/10)	2011 (2010/11)	change 2011 over 2010		2012 (2011/12)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	4.11	4.15	0.04	0.97	4.15	0.00	0.00
Brunei	1.06	1.34	0.28	26.42	1.36	0.02	1.49
Cambodia	2.84	2.97	0.13	4.58	3.05	0.08	2.69
Indonesia	5.02	5.02	0.00	0.00	5.02	0.00	0.00
Lao PDR	3.59	3.69	0.10	2.79	3.78	0.09	2.44
Malaysia	3.69	3.93	0.24	6.50	4.02	0.09	2.29
Myanmar	3.99	4.00	0.01	0.25	3.89	-0.11	-2.75
Philippines	3.62	3.73	0.11	3.04	3.78	0.05	1.34
Singapore	-	-	-	-	-	-	-
Thailand	2.88	2.94	0.06	2.08	2.90	-0.04	-1.36
Vietnam	5.32	5.35	0.03	0.56	5.48	0.13	2.43

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

Table 5 : Paddy damaged area in ASEAN by cause of damage, 2011

Country	Cause of Damage (Hectares)						
	Flood	Drought	Pests	Diseases	Unspecified	Other	Total
ASEAN	836,393	12,198	1,842	2,236	147,290	1,232	1,001,191
Brunei	30	34	47	55	-	-	166
Cambodia	15,062	3,258	249	-	-	-	18,569
Indonesia	-	-	-	-	147,290	-	147,290
Lao PDR	40,500	406	-	-	-	-	40,906
Malaysia	1,271	455	1,546	2,181	-	-	5,453
Myanmar	34,574	-	-	-	-	1,232	35,806
Philippines	11,296	770	-	-	-	-	12,066
Singapore	-	-	-	-	-	-	-
Thailand	733,660	7,275	-	-	-	-	740,935
Vietnam	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

**Figure 1 Paddy production of selected countries in ASEAN, 2010-2012**

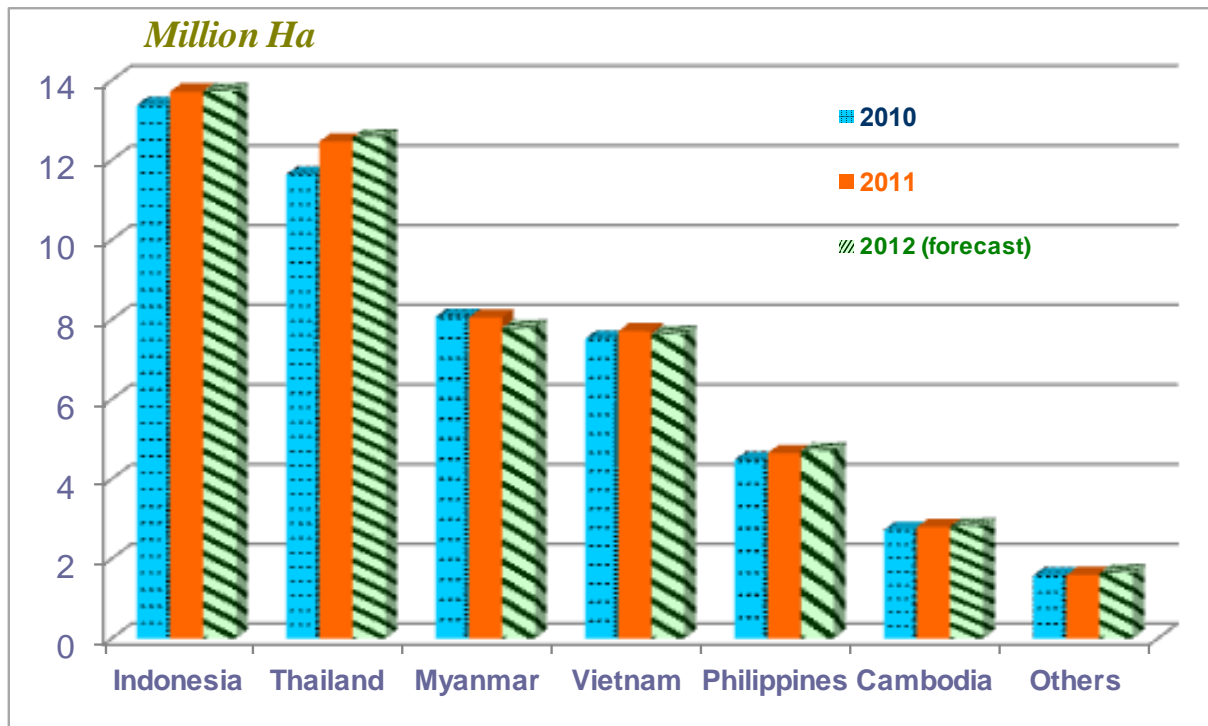


Figure 2 Paddy planted area of selected countries in ASEAN, 2010-2012

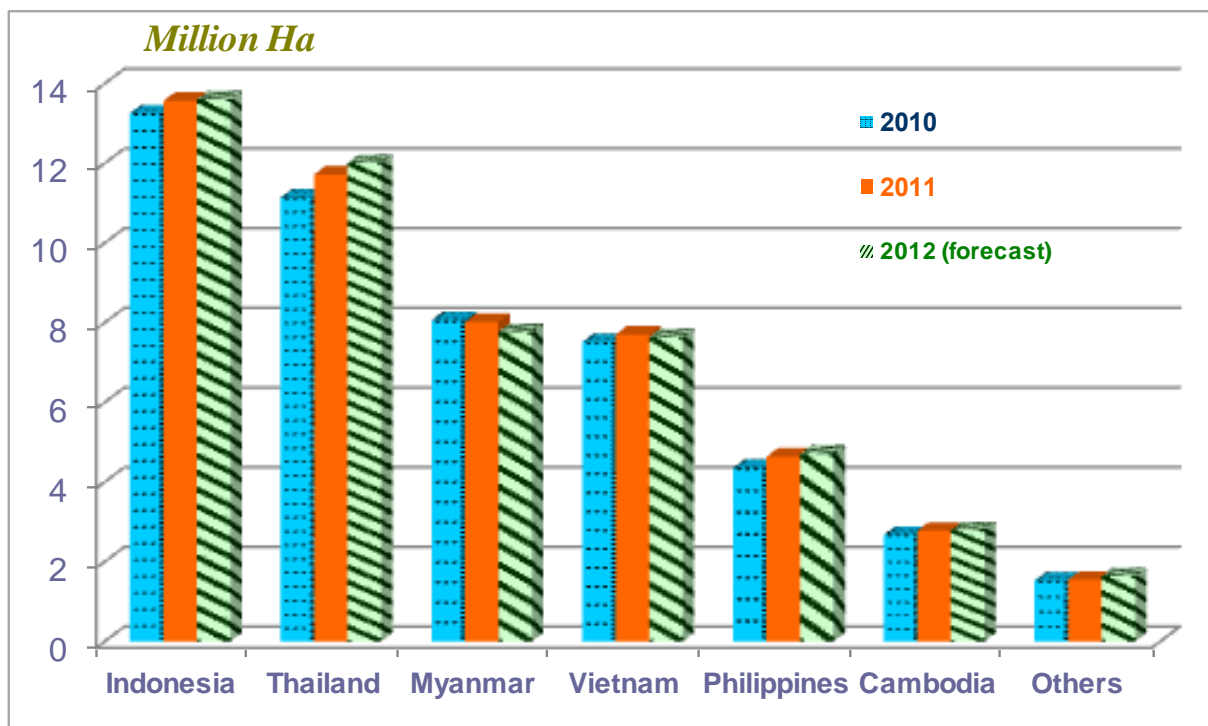


Figure 3 Paddy harvested area of selected countries in ASEAN, 2010-2012

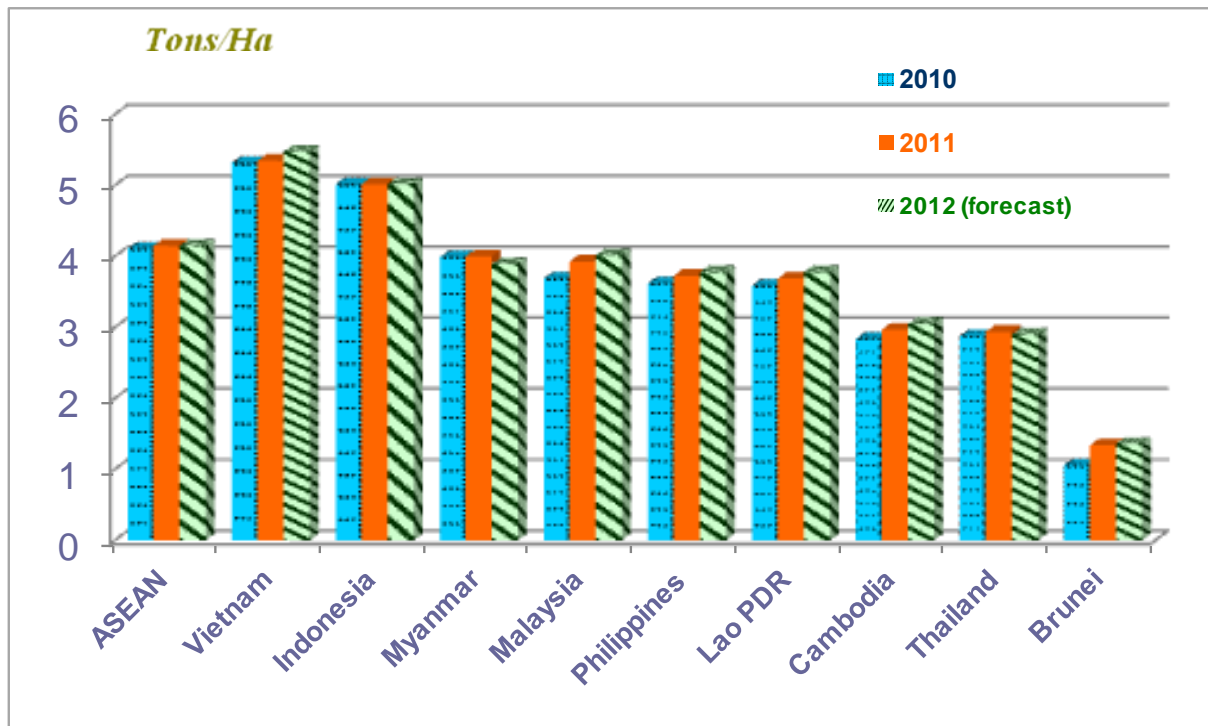


Figure 4 Paddy yield of countries in ASEAN, 2010-2012

Maize Situation in ASEAN

Production

The estimate of maize production for the whole ASEAN in 2011 (crop year 2010/11) was 37.04 million tons, an increase of 0.217 million ton or 0.59 percent as compared with 36.82 million tons in 2010. However, on the country by country basis, Indonesia and Thailand showed the reduction in production while the rest of the countries the production has increased. The contraction in production in Indonesia, the biggest maize producing countries in the region, was due to the reduction in area. The decline in the area occurred in the first and second crop due to the increase in price of the competing crops. Similarly for Thailand, the decrease in the production came from the reduction of the area planted due to the increase in price of competing crops.

Harvested Area

The maize harvested area in 2011 (crop year 2010/11) in ASEAN was estimated at 9.48 million hectares, down 0.16 million hectare or 1.61 percent from 9.63 million hectares in previous year. The reduction in harvested area occurred only in Indonesia and Thailand while other countries in the region the harvested area has increased. The decrease in area in Indonesia and Thailand was due to the response of the farmers to the increase in price of competing crops.

In 2012 (crop year 2011/12) the harvested area of maize is forecast to be 9.63 million hectares, up 0.16 million hectare or 1.66 percent from 2011. All countries in the region are forecast to have an increase in harvested area. This is because the increase in price of maize is expected.

Yield

The average yield of maize in ASEAN for 2011 (crop year 2010/11) was estimated at 3.91 tons per hectare, up from 3.82 tons per hectare in 2010. All counties, except Lao PDR, showed the increase in yield. The main reason for the increase in yield was the favorable weather together with the increase in the use of improved variety.

For 2012 (crop year 2011/12), the average maize yield in ASEAN is forecast to be 3.97 tons per hectare, a slightly increase from the previous year. Only Myanmar that the yield forecast is slightly deceased.

Damaged area

The damaged area of maize for the whole ASEAN was reported to be 78,167 hectares. Most of the damage area came flood. The most affected area occurred in Thailand.

Table 6 Maize production in ASEAN countries, 2010-2012

Unit: 1,000 Tons

Country	2010 (2009/10)	2011 (2010/11)	change 2011 over 2010		2012 (2011/12)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	36,865.00	37,040.93	175.93	0.48	38,253.75	1,212.82	3.27
Brunei	-	-	-	-	-	-	-
Cambodia	773.27	912.50	139.23	18.01	1,019.60	107.10	11.74
Indonesia	18,327.64	17,392.25	-935.39	-5.10	17,774.01	381.76	2.20
Lao PDR	914.98	1,004.50	89.52	9.78	1,039.50	35.00	3.48
Malaysia	-	-	-	-	-	-	-
Myanmar	1,225.89	1,354.64	128.75	10.50	1,424.55	69.91	5.16
Philippines	6,376.80	7,099.15	722.35	11.33	7,396.88	297.74	4.19
Singapore	-	-	-	-	-	-	-
Thailand	4,639.63	4,492.30	-147.33	-3.18	4,691.21	198.91	4.43
Vietnam	4,606.80	4,785.60	178.80	3.88	4,908.00	122.40	2.56

Table 7 Maize Planted area in ASEAN countries, 2010-2012

Unit: 1,000 Hectares

Country	2010 (2009/10)	2011 (2010/11)	change 2011 over 2010		2012 (2011/12)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	9,790.51	9,572.42	-218.09	-2.23	9,720.06	147.64	1.54
Brunei	-	-	-	-	-	-	-
Cambodia	213.62	235.00	21.38	10.01	256.00	21.00	8.94
Indonesia	4,172.26	3,936.34	-235.93	-5.65	3,958.56	22.22	0.56
Lao PDR	184.91	205.00	20.10	10.87	210.00	5.00	2.44
Malaysia	-	-	-	-	-	-	-
Myanmar	362.81	389.44	26.63	7.34	412.20	22.76	5.84
Philippines	2,580.09	2,560.19	-19.90	-0.77	2,606.05	45.86	1.79
Singapore	-	-	-	-	-	-	-
Thailand	1,149.92	1,114.35	-35.57	-3.09	1,122.25	7.89	0.71
Vietnam	1,126.90	1,132.10	5.20	0.46	1,155.00	22.90	2.02

Table 8 Maize harvested area in ASEAN countries, 2010-2012

Unit: 1,000 Hectares

Country	2010 (2009/10)	2011 (2010/11)	change 2011 over 2010		2012 (2011/12)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	9,639.69	9,476.25	-163.44	-1.70	9,633.56	157.31	1.66
Brunei	-	-	-	-	-	-	-
Cambodia	189.53	215.00	25.47	13.44	236.00	21.00	9.77
Indonesia	4,131.68	3,895.75	-235.93	-5.71	3,917.98	22.23	0.57
Lao PDR	184.91	205.00	20.10	10.87	210.00	5.00	2.44
Malaysia	-	-	-	-	-	-	-
Myanmar	362.81	389.07	26.26	7.24	412.00	22.93	5.89
Philippines	2,499.04	2,556.26	57.22	2.29	2,606.05	49.79	1.95
Singapore	-	-	-	-	-	-	-
Thailand	1,144.84	1,083.07	-61.77	-5.40	1,096.53	13.46	1.24
Vietnam	1,126.90	1,132.10	5.20	0.46	1,155.00	22.90	2.02

Table 9 Maize Yield in ASEAN countries, 2010-2012

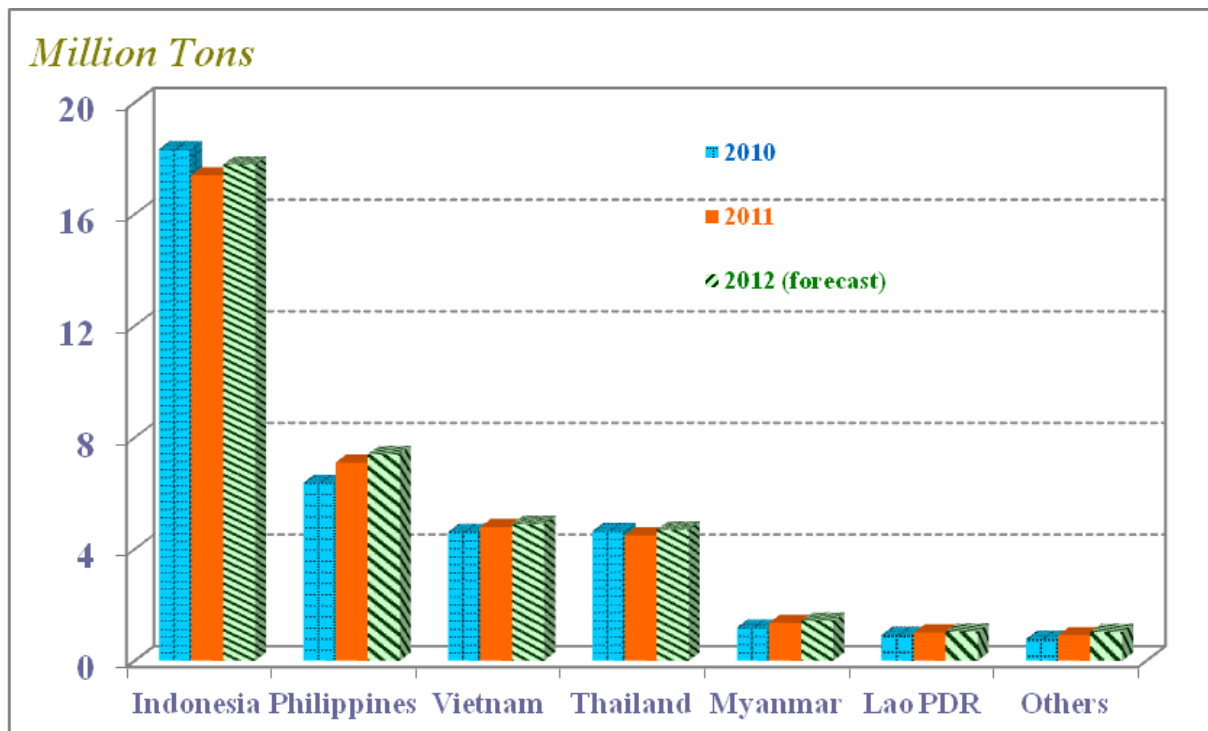
Unit: Ton/Hectare

Country	2010 (2009/10)	2011 (2010/11)	change 2011 over 2010		2012 (2011/12)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	3.82	3.91	0.09	2.36	3.97	0.06	1.53
Brunei	-	-	-	-	-	-	-
Cambodia	4.08	4.24	0.16	3.92	4.32	0.08	1.89
Indonesia	4.44	4.46	0.02	0.45	4.54	0.08	1.79
Lao PDR	4.95	4.90	-0.05	-1.01	4.95	0.05	1.02
Malaysia	-	-	-	-	-	-	-
Myanmar	3.38	3.48	0.10	2.96	3.46	-0.02	-0.57
Philippines	2.55	2.78	0.23	9.02	2.84	0.06	2.16
Singapore	-	-	-	-	-	-	-
Thailand	4.05	4.15	0.10	2.47	4.28	0.13	3.13
Vietnam	4.09	4.23	0.14	3.42	4.25	0.02	0.47

Table 10 Maize damaged area in ASEAN by cause of damage, 2011

Country	Cause of Damage (Hectares)						Total
	Flood	Drought	Pests	Diseases	Unspecified	Others	
ASEAN	34,484	0	593	0	42,584	506	78,167
Brunei	-	-	-	-	-	-	-
Cambodia	-	-	-	-	2,000	-	2,000
Indonesia	-	-	-	-	40,584.	-	40,584
Lao PDR	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Malaysia	-	-	-	-	-	-	-
Myanmar	-	-	-	-	-	368	368
Philippines	3,199	-	593	-	-	138	3,930
Singapore	-	-	-	-	-	-	-
Thailand	31,285	-	-	-	-	-	31,285
Vietnam	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Note : Damaged area that Indonesia reported not equal to planted area minus harvested area

**Figure 5 Maize production of selected countries in ASEAN, 2010-2012**

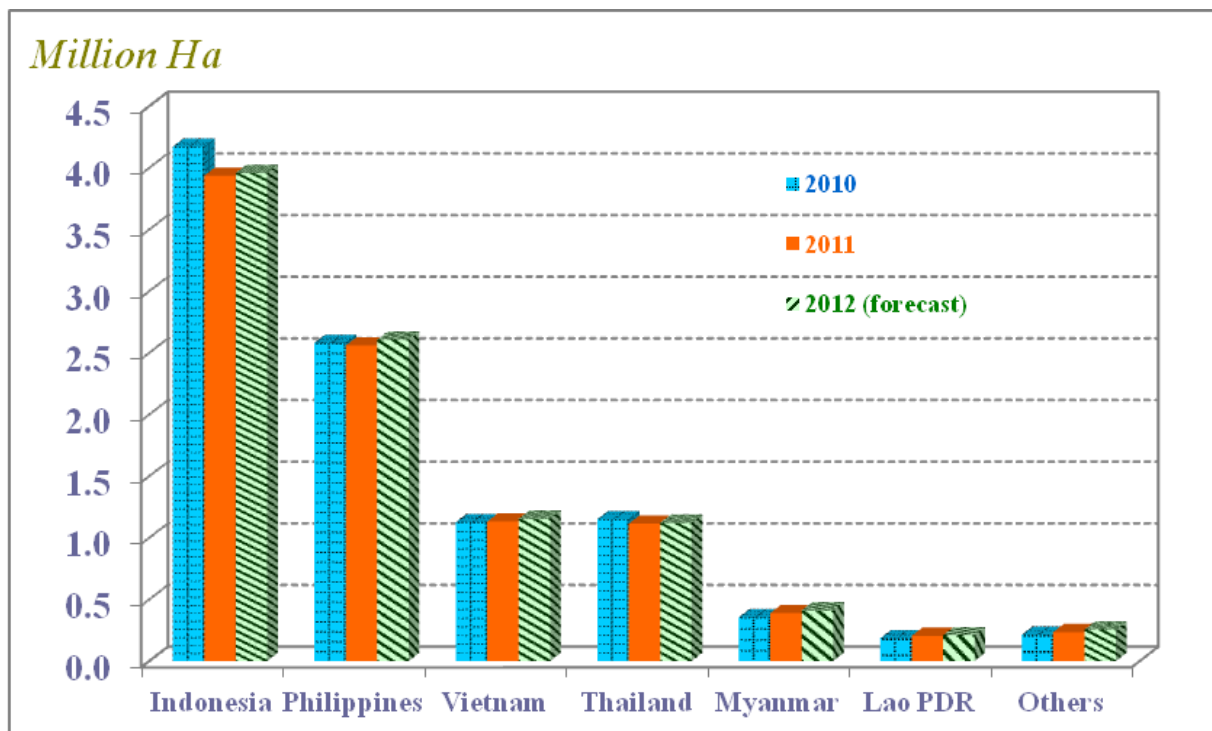


Figure 6 Maize planted area of selected countries in ASEAN, 2010-2012

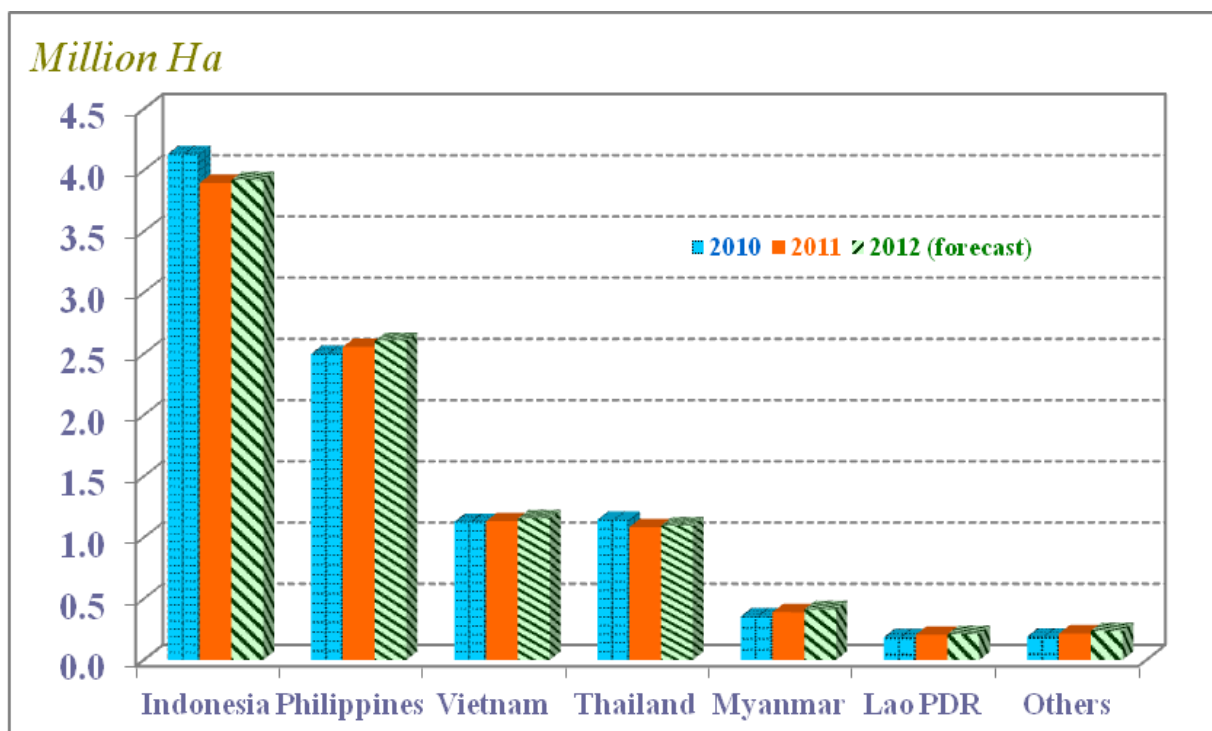


Figure 7 Maize harvested area of selected countries in ASEAN, 2010-2012

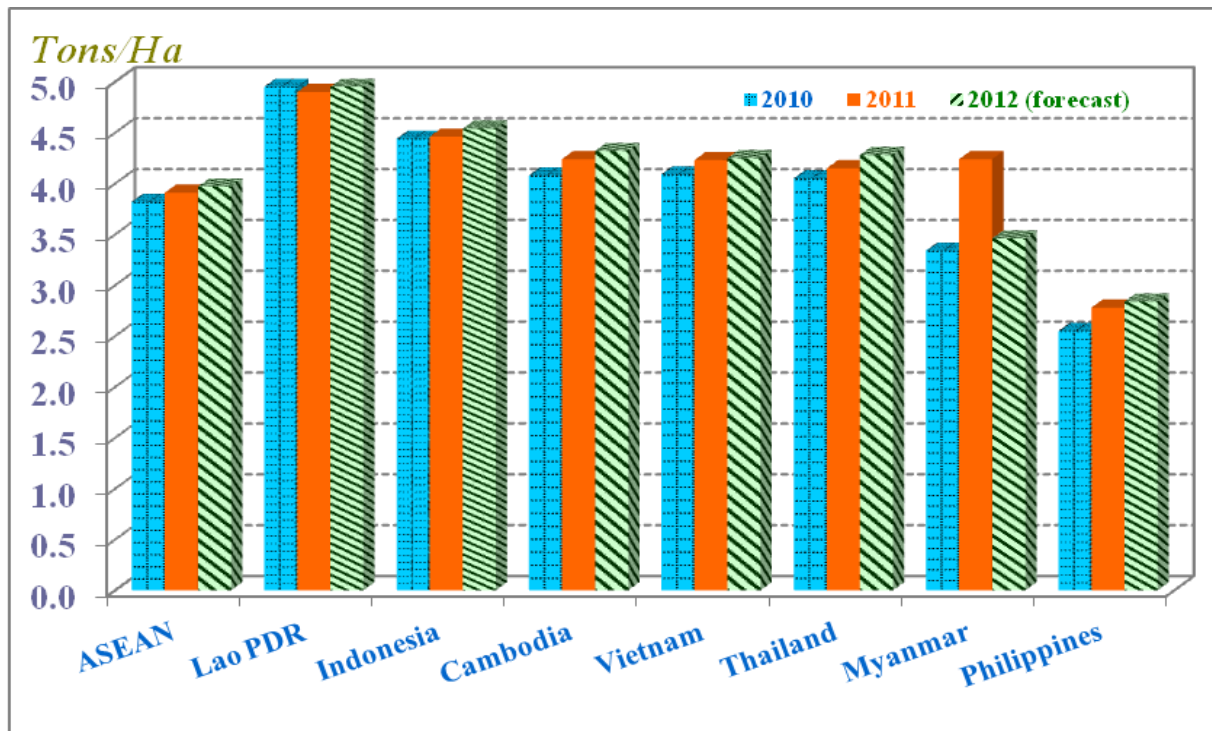


Figure 8 Maize yield of countries in ASEAN, 2010-2012

Sugarcane Situation in ASEAN

Production

Sugarcane production in ASEAN in 2011 (crop year 2010/11) was estimated at 170.28 million tons, up 40.04 million tons or 30.74 percent from the previous year. The most increase occurred in Thailand which increased from 68.81 million tons in 2010 to 99.52 million tons in 2011. The increase came from the expansion of the area as well as the increase in the yield. The Philippines and Lao PDR also have the impressive increase in sugarcane production. For the Philippines, the increase in the production derived from the decrease in both area and the yield. For Lao PDR, however, the increase in production came from the expansion of the area only while the yield has decreased. Only Myanmar that the production has decreased.

Harvested area

The total harvested area of sugarcane in ASEAN in 2011 (crop year 2010/11) was estimated to be 2.62 million hectares, an increase about 0.39 million hectare or 17.25 percent as compared with the previous year. The most increase in area was found in Thailand and the Philippines. The expansion of the area in these two countries were mainly activated by the increase in price of sugar.

The harvested area of sugarcane in ASEAN in 2012 (2011/12 crop year) is forecast to be 2.68 million hectares, up 0.064 million hectare from or 2.45 percent from previous year. The most increase is forecast in Thailand and the Myanmar. In terms of percentage increase, the highest percentage increase in area is found in Lao PDR.

Yield

The average of sugarcane yield in the ASEAN in 2011 (crop year 2010/11) was 65.04 tons per hectare, an increase of 6.71 tons per hectare or 11.50 percent from previous year. On the county by county basis, only Lao PDR has shown the decrease in yield. The reduction in yield in Lao PDR was due to the unfavorable weather. The increase in yield in the Philippines was motivated by the high price of sugar which induced the farmers to better taking care of their crops. The increase in yield in Thailand was based on the same reason as the Philippines.

In 2012 (crop year 2011/12), the yield forecast for sugarcane for the ASEAN is 67.08 tons per hectare, up 2.04 tons per hectare or 3.14 percent as compared with previous year. The yield forecast for this year is increased for all countries.

Damaged Area

The total damaged area in ASEAN in 2011 was 56,887 hectares. The most affected area occurred in Indonesia but no detail explanation for the cause of damage. Thailand was the second in terms of the sugarcane damage area. The causes of the damage in Thailand were drought and pests.

Table 11 : Sugarcane production in ASEAN countries, 2010-2012

Unit: 1,000 Tons

Country	2010 (2009/10)	2011 (2010/11)	change 2011 over 2010		2012 (2011/12)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	130,242.86	170,280.21	40,037.35	30.74	179,921.07	9,640.86	5.66
Brunei	-	-	-	-	-	-	-
Cambodia	365.56	377.00	11.45	3.13	392.30	15.30	4.06
Indonesia	17,512.51	17,832.96	320.45	1.83	18,069.17	236.21	1.32
Lao PDR	818.68	1,200.00	381.33	46.58	1,452.50	252.50	21.04
Malaysia	-	-	-	-	-	-	-
Myanmar	9,561.98	9,249.46	-312.53	-3.27	10,086.37	836.92	9.05
Philippines	17,929.27	26,154.94	8,225.67	45.88	27,776.05	1,621.11	6.20
Singapore	-	-	-	-	-	-	-
Thailand	68,807.80	99,519.05	30,711.25	44.63	105,144.68	5,625.63	5.65
Vietnam	15,247.06	15,946.80	699.74	4.59	17,000.00	1,053.20	6.60

Table 12 : Sugarcane planted area in ASEAN countries, 2010-2012

Unit: 1,000 Hectares

Country	2010 (2009/10)	2011 (2010/11)	change 2011 over 2010		2012 (2011/12)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	2,265.99	2,674.98	408.99	18.05	2,711.06	36.08	1.35
Brunei	-	-	-	-	-	-	-
Cambodia	17.21	17.50	0.29	1.70	18.10	0.60	3.43
Indonesia ^{1/}	448.75	475.81	27.07	6.03	446.52	-29.30	-6.16
Lao PDR	15.36	30.00	14.65	95.38	35.00	5.00	16.67
Malaysia	-	-	-	-	-	-	-
Myanmar	160.12	151.51	-8.61	-5.38	165.47	13.96	9.21
Philippines	354.88	428.35	73.47	20.70	435.29	6.94	1.62
Singapore	-	-	-	-	-	-	-
Thailand	1,009.58	1,305.50	295.92	29.31	1,339.68	34.18	2.62
Vietnam	260.10	266.30	6.20	2.38	271.00	4.70	1.76

Table 13 Sugarcane harvested area in ASEAN countries, 2010-2012

Unit: 1,000 Hectares

Country	2010 (2009/10)	2011 (2010/11)	change 2011 over 2010		2012 (2011/12)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	2,232.89	2,618.09	385.21	17.25	2,682.11	64.02	2.45
Brunei	-	-	-	-	-	-	-
Cambodia	17.07	17.50	0.43	2.51	18.05	0.55	3.14
Indonesia	434.26	440.43	6.17	1.42	446.52	6.09	1.38
Lao PDR	15.36	30.00	14.65	95.38	35.00	5.00	16.67
Malaysia	-	-	-	-	-	-	-
Myanmar	157.69	150.02	-7.67	-4.86	162.17	12.15	8.10
Philippines	354.88	428.35	73.47	20.70	435.29	6.94	1.62
Singapore	-	-	-	-	-	-	-
Thailand	993.54	1,285.49	291.96	29.39	1,314.08	28.59	2.22
Vietnam	260.10	266.30	6.20	2.38	271.00	4.70	1.76

Table 14 Sugarcane yield in ASEAN countries, 2010-2012

Unit: Ton/Hectare

Country	2010 (2009/10)	2011 (2010/11)	change <i>2011 over 2010</i>		2012 (2011/12)	change <i>2012 over 2011</i>	
			Quantities	(%)		Quantities	(%)
ASEAN	58.33	65.04	6.71	11.50	67.08	2.04	3.14
Brunei	-	-	-	-	-	-	-
Cambodia	21.41	21.54	0.13	0.61	21.73	0.19	0.88
Indonesia	40.33	40.49	0.16	0.40	40.47	-0.02	-0.05
Lao PDR	53.32	40.00	-13.32	-24.98	41.50	1.50	3.75
Malaysia	-	-	-	-	-	-	-
Myanmar	60.64	61.66	1.02	1.68	62.20	0.54	0.88
Philippines	50.52	61.06	10.54	20.86	63.81	2.75	4.50
Singapore	-	-	-	-	-	-	-
Thailand	69.26	77.42	8.16	11.78	80.01	2.59	3.35
Vietnam	58.62	59.88	1.26	2.15	62.73	2.85	4.76

Table 15 Sugarcane damaged area in ASEAN by cause of damage, 2011

Country	Cause of Damage (Hectares)						
	Flood	Drought	Pests	Diseases	Others	Unspecify	Total
ASEAN	0	14,409	5,600	-	1,492	35,386	56,887
Brunei	-	-	-	-	-	-	-
Cambodia	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	35,386	35,386
Lao PDR.	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-
Myanmar	-	-	-	-	1,492	-	1,492
Philippines	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-
Thailand	-	14,409	5,600	-	-	-	20,009
Vietnam	n.a.	n.a.	n.a.	n.a.	n.a.	-	n.a.

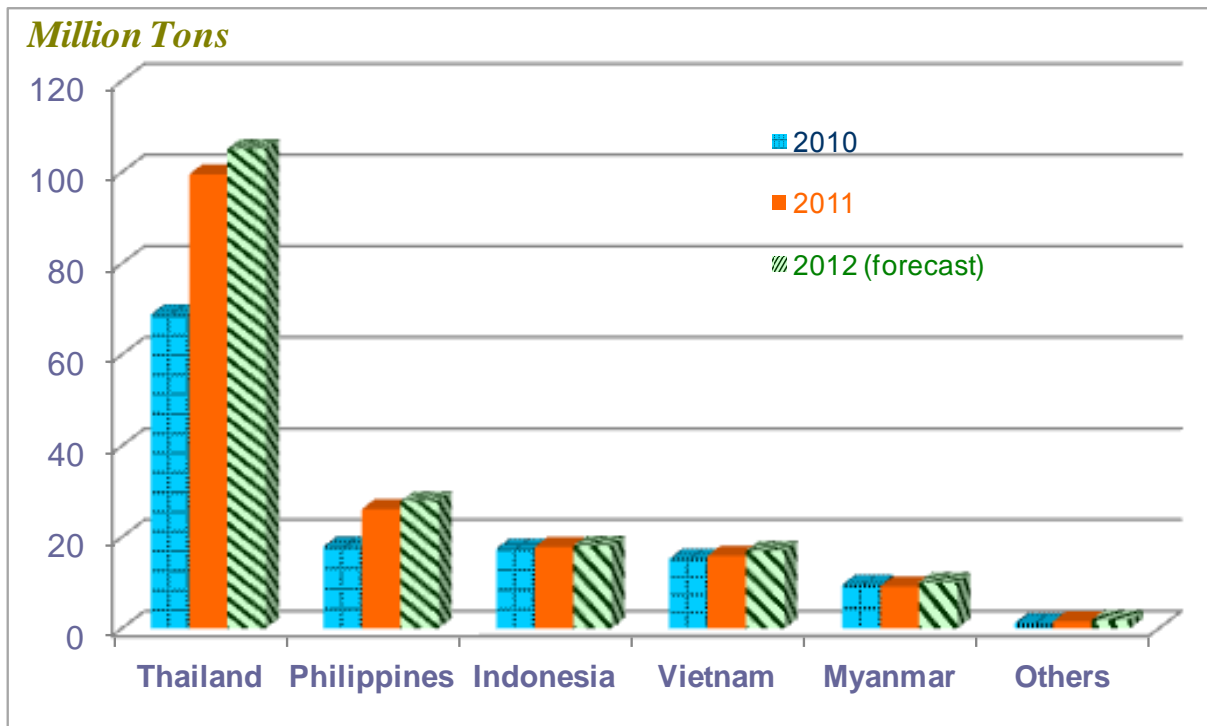


Figure 9 Sugarcane production of selected countries in ASEAN, 2010-2012

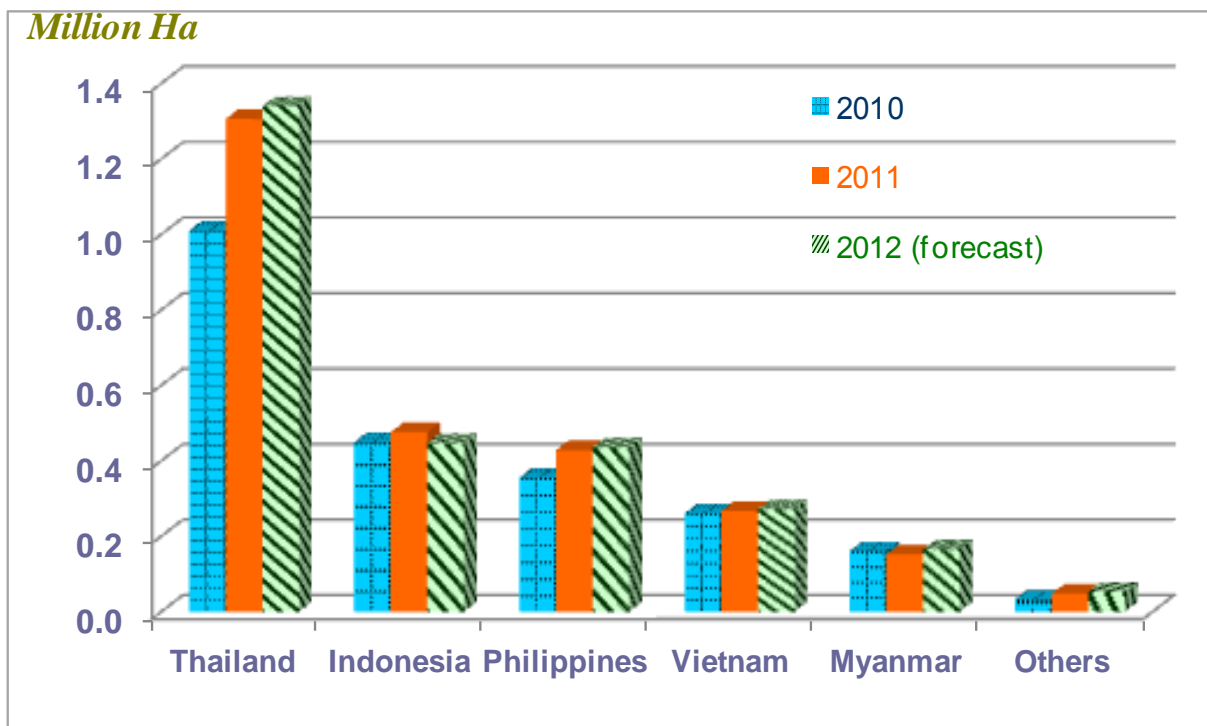


Figure 10 Sugarcane planted area of selected countries in ASEAN, 2010-2012

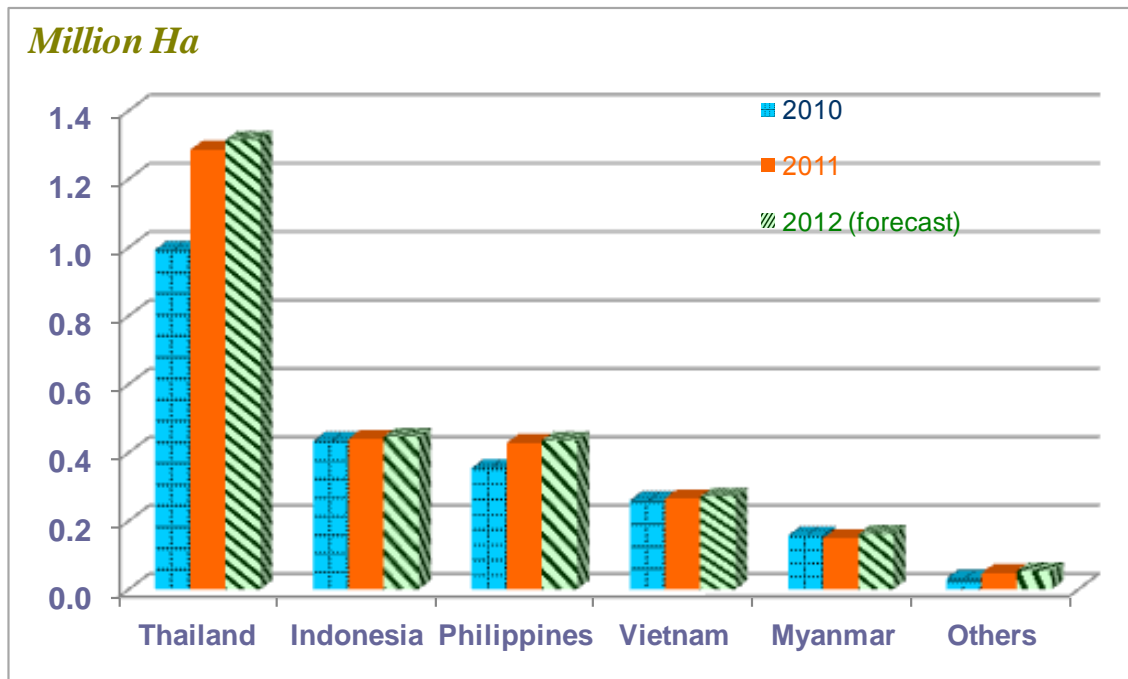


Figure 11 Sugarcane harvested area of selected countries in ASEAN, 2010-2012

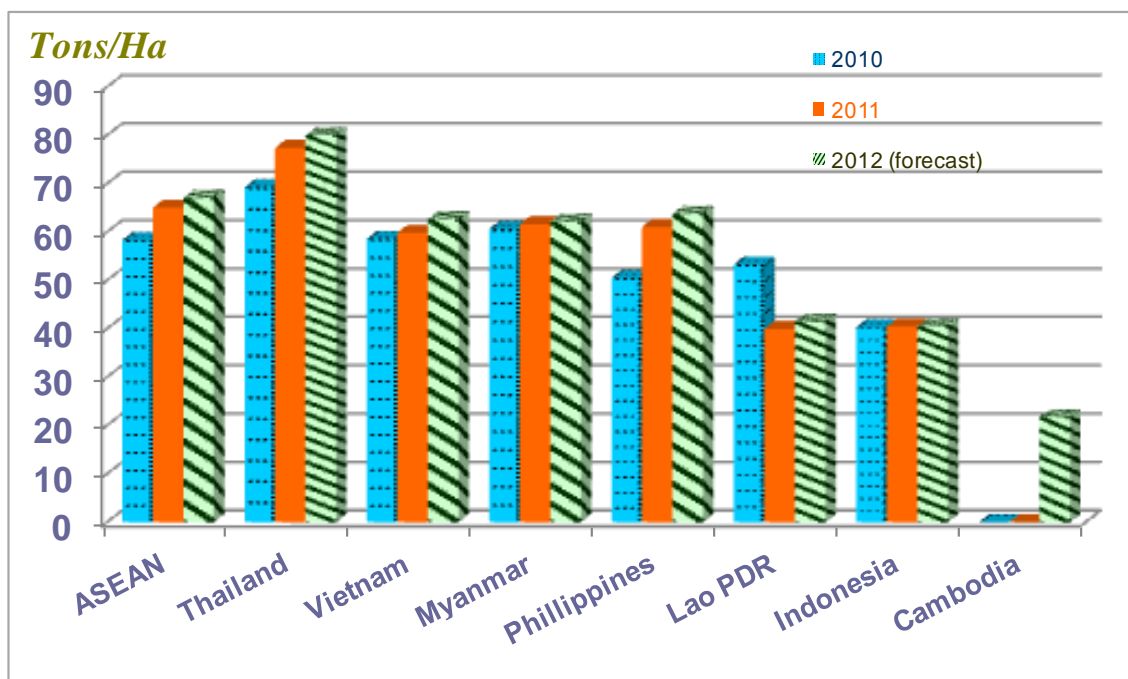


Figure 12 Sugarcane yield of selected countries in ASEAN, 2010-2012

Soybean Situation in ASEAN

Production

The estimated soybean production in ASEAN in 2011 (crop year 2010/11) was estimated at 1.76 million tons, a decrease of 0.011 million ton or 0.62 percent as compared with the previous year. The decrease in production occurred the most in Indonesia, Thailand and the Philippines respectively. For other countries, the production has increased. The contraction in production in Indonesia, the number one soybean producing country in the region, came from the reduction of the area planted while the yield has increased very little. For Thailand, the decrease in production derived from the decrease in the area only which was the same as Indonesia.

For 2012 (crop year 2011/12), the soybean production for the whole ASEAN is forecast to be 1.82 million tons, an increase about 0.05 million ton or 3.03 percent as compared with the previous year. All countries, except Myanmar and Thailand, are forecast to have an increase in production. The decline in production in Thailand is forecast because of the decline in the planted area is expected due to the high cost of the soybean seed and it is very difficult to obtain.

Harvested area

The harvested area of soybean in the ASEAN in 2011 (crop year 2010/11) was estimated at 1.20 million hectares, down from 1.24 million hectares in 2010. The decrease in the harvested area were found in Indonesia, Thailand, Myanmar and the Philippines. The decrease in area in Indonesia was due the increase in the price of competing crops.

In 2012 (crop year 2011/12) the harvested area of soybeans in ASEAN is forecast to be 1.25 million hectares, an increase of 0.05 million tons or 3.74 percent as compared with the previous year. All countries, except Thailand, Myanmar and Philippines, the harvested area is forecast to be increased.

Yield

The average yield of soybeans in ASEAN in 2011 (crop year 2010/11) was estimated at 1.46 tons per hectare which was about the same as previous year. Only Lao PDR and Vietnam that have a decrease in the yield estimate.

The average yield of soybeans in ASEAN in 2012 (crop year 2011/12) is forecast to be 1.45 tons per hectare which is decrease a little from 2011 about the same as in 2011. Every country the yield forecast is more or less about the same, plus or minus a little from the previous year.

Damaged Area

The reported damaged area of soybeans for the whole ASEAN was 16,039 hectares which was very small as compared with the total planted area. The cause of the damage was mainly due to the drought.

Table 16 : Soybean production in ASEAN countries, 2010-2012

Unit: 1,000 Tons

Country	2010 (2009/10)	2011 (2010/11)	change 2011 over 2010		2012 (2012/11)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	1,772.55	1,761.62	-10.93	-0.62	1,815.07	53.45	3.03
Brunei	-	-	-	-	-	-	-
Cambodia	156.60	192.00	35.40	22.61	201.45	9.45	4.92
Indonesia	907.03	819.45	-87.58	-9.66	874.03	54.58	6.66
Lao PDR	11.44	25.75	14.32	125.19	25.89	0.13	0.52
Malaysia	-	-	-	-	-	-	-
Myanmar	253.68	254.52	0.84	0.33	243.12	-11.40	-4.48
Philippines	0.81	0.72	-0.09	-11.08	0.64	0.00	-10.80
Singapore	-	-	-	-	-	-	-
Thailand	175.30	151.28	-24.01	-13.70	146.94	-4.34	-2.87
Vietnam	267.70	317.90	50.20	18.75	323.00	5.10	1.60

Table 17 : Soybean planted area in ASEAN countries, 2010-2012

Unit: 1,000 Hectares

Country	2010 (2009/10)	2011 (2010/11)	change 2011 over 2010		2012 (2011/12)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	1,252.37	1,220.86	-31.50	-2.52	1,266.42	45.56	3.73
Brunei	-	-	-	-	-	-	-
Cambodia	103.20	114.00	10.80	10.47	120.00	6.00	5.26
Indonesia	673.26	604.47	-68.79	-10.22	646.93	42.46	7.02
Lao PDR	7.24	16.50	9.27	128.06	16.62	0.12	0.72
Malaysia	-	-	-	-	-	-	-
Myanmar	170.90	169.00	-1.90	-1.11	164.72	-4.28	-2.53
Philippines	0.58	0.46	-0.12	-20.41	0.46	0.00	0.00
Singapore	-	-	-	-	-	-	-
Thailand	109.59	91.83	-17.76	-16.21	90.70	-1.13	-1.23
Vietnam	187.60	224.60	37.00	19.72	227.00	2.40	1.07

Table 18 : Soybean harvested area in ASEAN countries, 2010-2012

Unit: 1,000 Hectares

Country	2010 (2009/10)	2011 (2010/11)	change 2011 over 2010		2012 (2012/11)	change 2012 over 2009	
			Quantities	(%)		Quantities	(%)
ASEAN	1,235.20	1,204.82	-30.37	-2.46	1,249.89	45.07	3.74
Brunei	-	-	-	-	-	-	-
Cambodia	101.78	113.00	11.22	11.02	118.50	5.50	4.87
Indonesia	660.82	592.03	-68.79	-10.41	634.49	42.46	7.17
Lao PDR	7.24	16.50	9.27	128.06	16.62	0.12	0.72
Malaysia	-	-	-	-	-	-	-
Myanmar	170.90	169.00	-1.90	-1.11	164.72	-4.28	-2.53
Philippines	0.58	0.46	-0.12	-20.41	0.46	-0.01	-1.94
Singapore	-	-	-	-	-	-	-
Thailand	106.27	89.23	-17.05	-16.04	88.11	-1.12	-1.25
Vietnam	187.60	224.60	37.00	19.72	227.00	2.40	1.07

Note: Vietnam reported only planted area.

Table 19 : Soybean yield in ASEAN countries, 2010-2012

Unit: Ton/Hectare

Country	2010 (2009/10)	2011 (2010/11)	change 2011 over 2010		2012 (2011/12)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	1.435	1.462	0.03	1.89	1.452	-0.010	-0.69
Brunei	-	-	-	-	-	-	-
Cambodia	1.539	1.699	0.16	10.44	1.700	0.000	0.05
Indonesia	1.373	1.384	0.01	0.84	1.378	-0.010	-0.48
Lao PDR	1.581	1.561	-0.02	-1.26	1.558	0.000	-0.20
Malaysia	-	-	-	-	-	-	-
Myanmar	1.484	1.506	0.02	1.46	1.476	-0.030	-2.00
Philippines	1.393	1.556	0.16	11.72	1.415	-0.140	-9.04
Singapore	-	-	-	-	-	-	-
Thailand	1.649	1.695	0.05	2.79	1.668	-0.030	-1.64
Vietnam	1.427	1.415	-0.01	-0.81	1.423	0.010	0.53

Note: Yield related to harvested area excepts Vietnam which related to planted area.

Table 20 :Soybean damaged area in ASEAN by cause of damage, 2011

Country	Cause of Damage (Hectares)					
	Flood	Drought	Pests	Diseases	Unspecify	Total
ASEAN	-	3,606	-	-	12,433	16,039
Brunei	-	-	-	-	-	-
Cambodia	-	1,000	-	-	-	1,000
Indonesia	-	-	-	-	12,433	12,433
Lao PDR	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-
Myanmar	-	-	-	-	-	-
Philippines	-	-	-	-	-	-
Singapore	-	-	-	-	-	-
Thailand	-	2,606	-	-	-	2,606
Vietnam	-	-	-	-	-	-

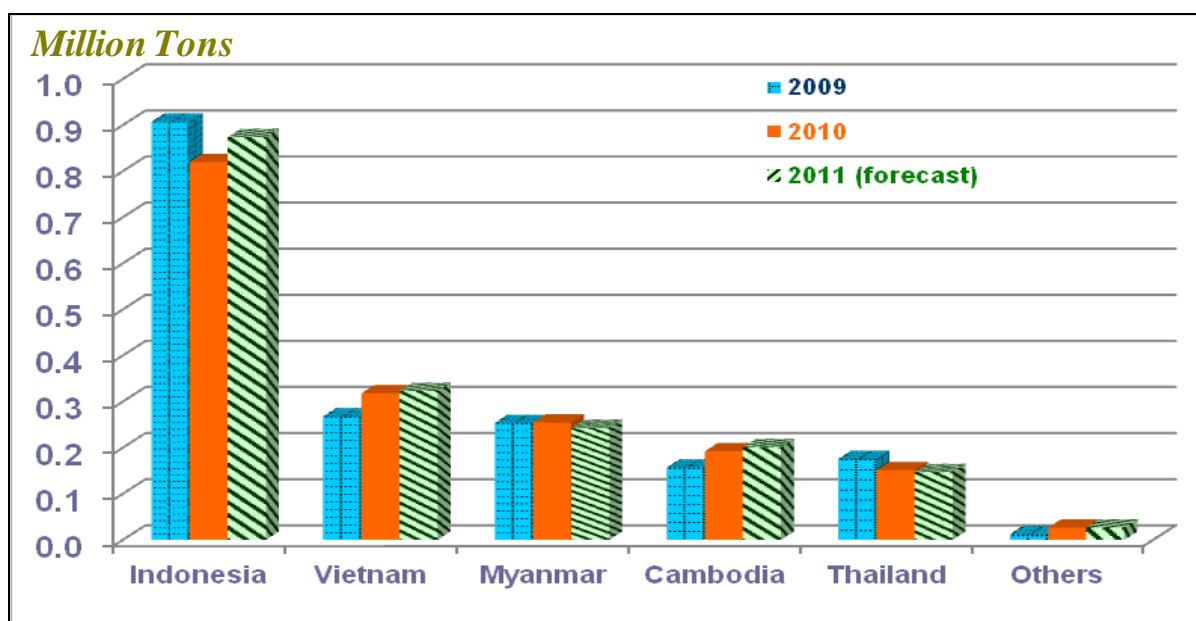


Figure 13 Soybean production of selected countries in ASEAN, 2010-2012

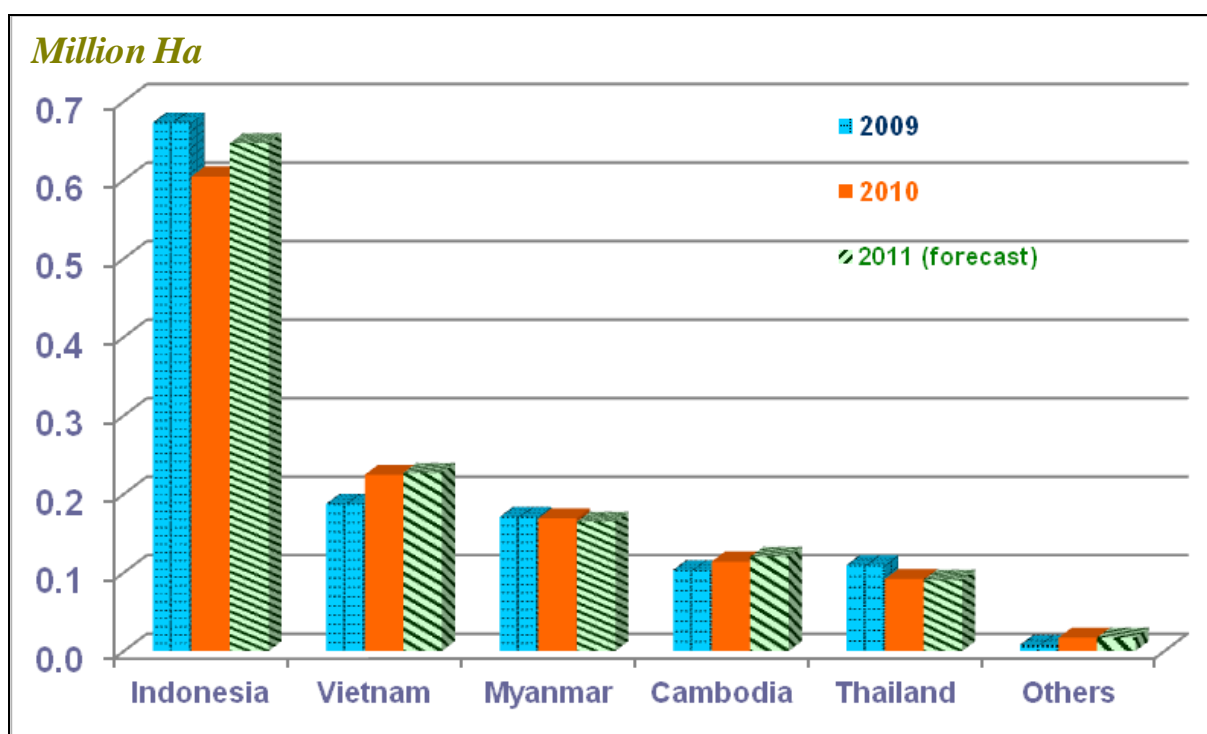


Figure 14 Soybean planted area of selected countries in ASEAN, 2010-2012

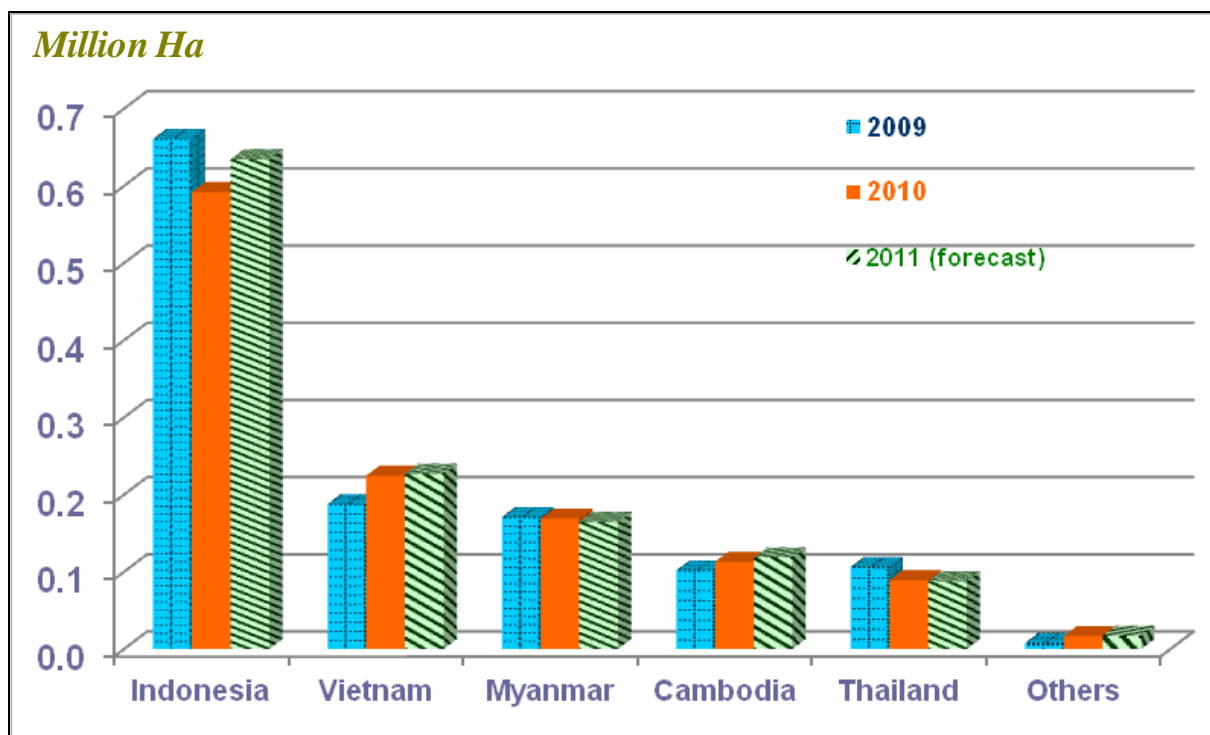


Figure 15 Soybean harvested area of selected countries in ASEAN, 2010-2012

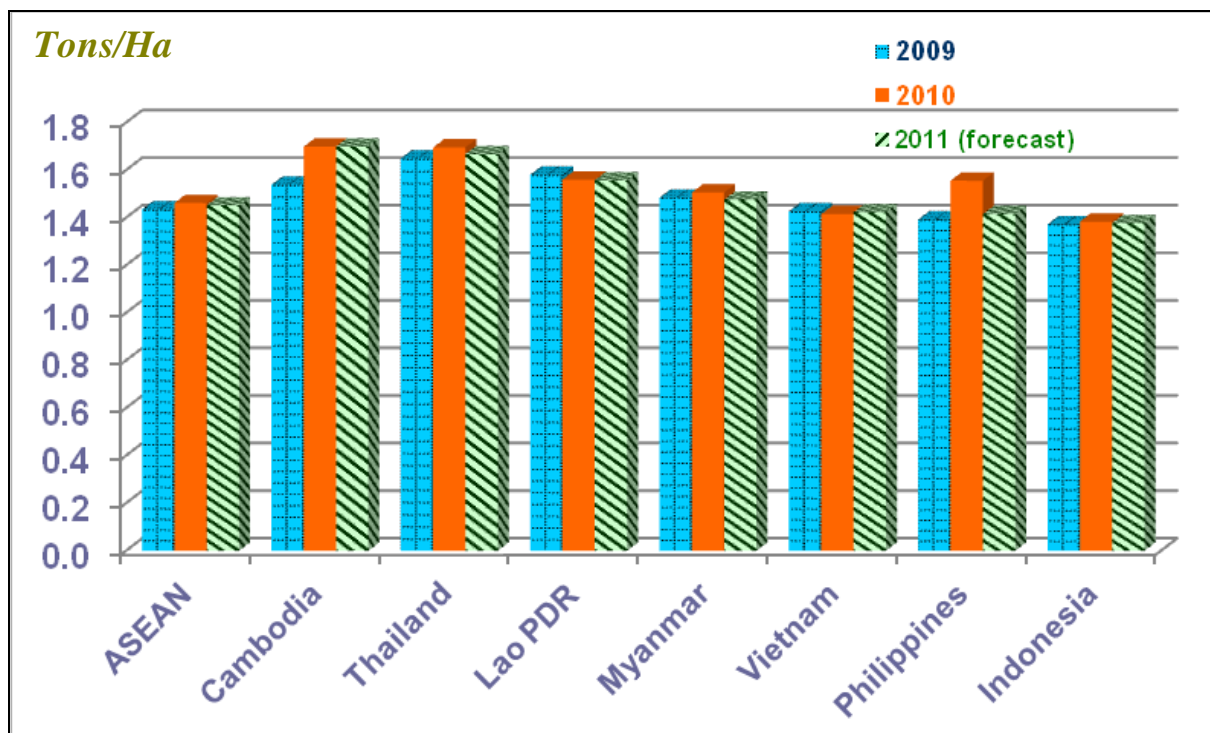


Figure 16 Soybean yield of countries in ASEAN, 2010-2012

Cassava Situation in ASEAN

Production

The cassava production in ASEAN in 2011 (Crop year 2010/11) was estimated at 62.35 million tons, an increase of 0.53 million ton from 61.83 million tons in 2010. The production estimate of all countries in the region, except Thailand and Lao PDR, has increased. The contraction in production in Thailand and Lao PDR was due to the reduction in both planted area and the yield.

In 2012 (Crop year 2011/12) the production forecast for the whole ASEAN is 64.72 million tons. Every country is forecast to increase in production. The most increase is forecast in Thailand.

Harvested Area

The harvested area of cassava in ASEAN in 2011 (Crop year 2010/11) was estimated at 3.35 million hectares, an increase of 0.20 million hectare or 6.48 percent as compared with the year 2010. The harvested area was estimated to decrease only in Lao PDR. For Thailand, the second largest cassava producing country in the region, the harvested area did not decrease as compared with the harvested area of the previous year even though the planted area has decreased as compared with the planted area in the previous year. This is because of the increase in prices of the competing crops together with the unfavorable weather.

For 2012 (Crop year 2011/12) the harvested area for the whole ASEAN is 3.32 million hectares, down 0.03 million hectare or 0.94 percent from the previous year. Only Thailand and Indonesia are forecast to decrease in the harvested area.

Yield

The estimated yield in ASEAN in 2011 (Crop year 2010/11) was estimated at 18.61 tons per hectare, down from 19.64 tons per hectare from the previous year. The decrease in yield were found in Indonesia, Lao PDR, Malaysia, Myanmar and Thailand. The decrease in yield in Indonesia was due to the farmer used less of fertilizer as a result of the lower price of the third crop. The decrease in yield in Thailand was due to the pests and the drought.

For 2012 (Crop year 2011/12) the average yield of cassava in ASEAN is forecast to be 19.50 tons per hectare, up 4.78 percent from the previous year. Only Myanmar that the forecast is to have a lower yield.

Damaged Area

The total damaged area of cassava for the whole ASEAN in 2011 was reported to be 53,636 hectares. The cause of the damage mostly come from the drought and followed by the pests which occurred in Thailand while the flood occurred in Cambodia.

Table 21 : Cassava production in ASEAN countries, 2010-2012

Unit: 1,000 Tons

Country	2010 (2009/10)	2011 (2010/11)	change 2011 over 2010		2012 (2011/12)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	61,826.62	62,351.70	525.08	0.85	64,724.13	2,372.43	3.80
Brunei	-	-	-	-	-	-	-
Cambodia	4,248.94	4,620.00	371.06	8.73	4,905.00	285.00	6.17
Indonesia	23,918.12	24,080.02	161.90	0.68	24,316.62	236.60	0.98
Lao PDR	500.09	306.00	-194.09	-38.81	323.75	17.75	5.80
Malaysia	30.10	41.05	10.95	36.37	42.56	1.52	3.70
Myanmar	477.68	607.10	129.42	27.09	644.15	37.05	6.10
Philippines	2,101.45	2,180.80	79.34	3.78	2,209.74	28.94	1.33
Singapore	-	-	-	-	-	-	-
Thailand	22,005.74	21,866.74	-139.00	-0.63	23,372.31	1,505.57	6.89
Vietnam	8,544.50	8,650.00	105.50	1.23	8,910.00	260.00	3.01

Table 22 : Cassava planted area in ASEAN countries, 2010-2012

Unit: 1,000 Hectares

Country	2010 (2009/10)	2011 (2010/11)	change 2011 over 2010		2012 (2011/12)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	3,390.96	3,404.67	13.71	0.40	3,392.61	-12.06	-0.35
Brunei	-	-	-	-	-	-	-
Cambodia	206.23	215.00	8.77	4.25	224.00	9.00	4.19
Indonesia	1,183.05	1,219.11	36.06	3.05	1,200.92	-18.18	-1.49
Lao PDR	19.94	17.00	-2.94	-14.74	17.50	0.50	2.94
Malaysia	1.65	2.44	0.79	47.76	2.47	0.02	1.02
Myanmar	40.98	44.99	4.00	9.76	48.55	3.57	7.93
Philippines	217.62	222.11	4.49	2.06	224.79	2.68	1.21
Singapore	-	-	-	-	-	-	-
Thailand	1,226.99	1,184.02	-42.96	-3.50	1,159.37	-24.65	-2.08
Vietnam	494.50	500.00	5.50	1.11	515.00	15.00	3.00

Table 23 : Cassava harvested area in ASEAN countries, 2010-2012

Unit: 1,000 Hectares

Country	2010 (2009/10)	2011 (2010/11)	change 2011 over 2010		2012 (2011/12)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	3,147.06	3,351.03	203.98	6.48	3,319.49	-31.54	-0.94
Brunei	-	-	-	-	-	-	-
Cambodia	202.49	210.00	7.51	3.71	218.00	8.00	3.81
Indonesia	1,183.05	1,219.11	36.06	3.05	1,200.92	-18.18	-1.49
Lao PDR	19.94	17.00	-2.94	-14.74	17.50	0.50	2.94
Malaysia	1.29	2.44	1.15	89.02	2.47	0.02	1.02
Myanmar	34.63	44.99	10.36	29.92	48.55	3.57	7.93
Philippines	217.62	222.11	4.49	2.06	224.79	2.68	1.21
Singapore	-	-	-	-	-	-	-
Thailand	993.54	1,135.39	141.85	14.28	1,092.26	-43.13	-3.80
Vietnam	494.50	500.00	5.50	1.11	515.00	15.00	3.00

Note: Vietnam reported only planted area.

Country	2010 (2009/10)	2011 (2010/11)	change 2011 over 2010		2012 (2011/12)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	19.65	18.61	-1.04	-5.29	19.50	0.89	4.78
Brunei	-	-	-	-	-	-	-
Cambodia	20.98	22.00	1.02	4.86	22.50	0.50	2.27
Indonesia	20.22	19.75	-0.47	-2.32	20.25	0.50	2.53
Lao PDR	25.08	18.00	-7.08	-28.23	18.50	0.50	2.78
Malaysia	23.28	16.79	-6.49	-27.88	17.24	0.45	2.68
Myanmar	13.80	13.50	-0.30	-2.17	13.27	-0.23	-1.70
Philippines	9.66	9.82	0.16	1.66	9.83	0.01	0.10
Singapore	-	-	-	-	-	-	-
Thailand	22.15	19.26	-2.89	-13.05	21.40	2.14	11.11
Vietnam	17.28	17.30	0.02	0.12	17.30	0.00	0.00

Table 25: Cassava damaged area in ASEAN by cause of damage, 2011

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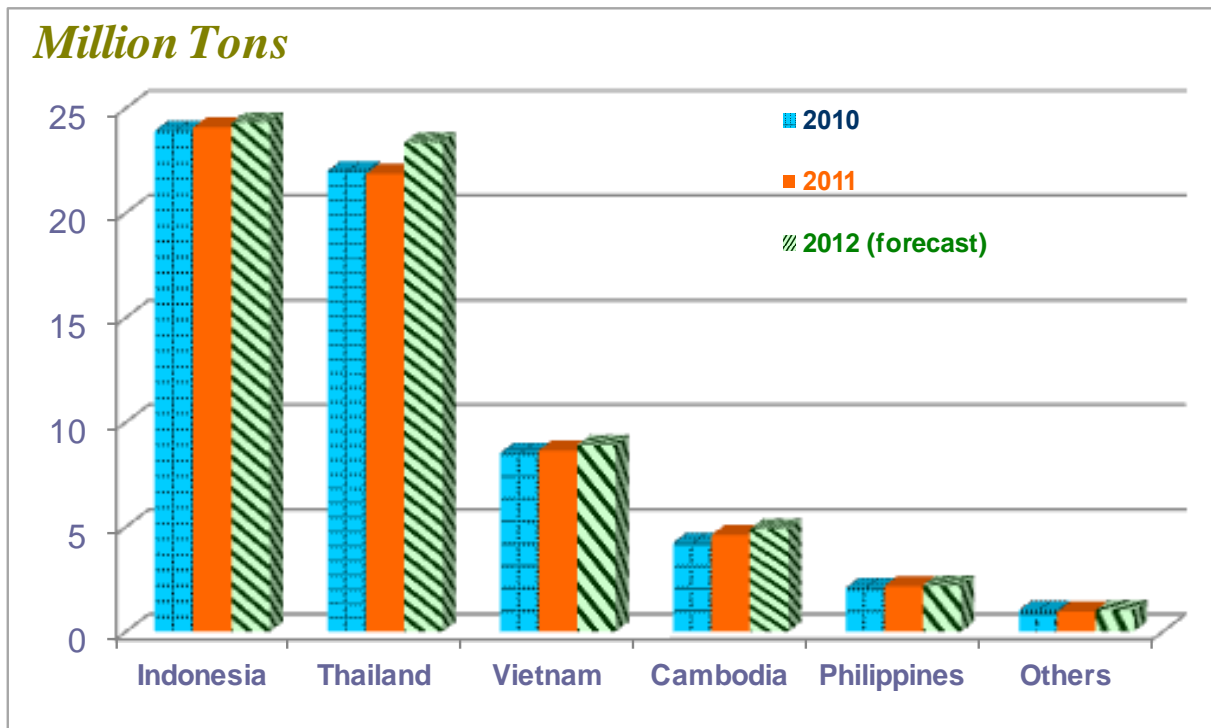


Figure 17 Cassava productions of selected countries in ASEAN, 2010-2012

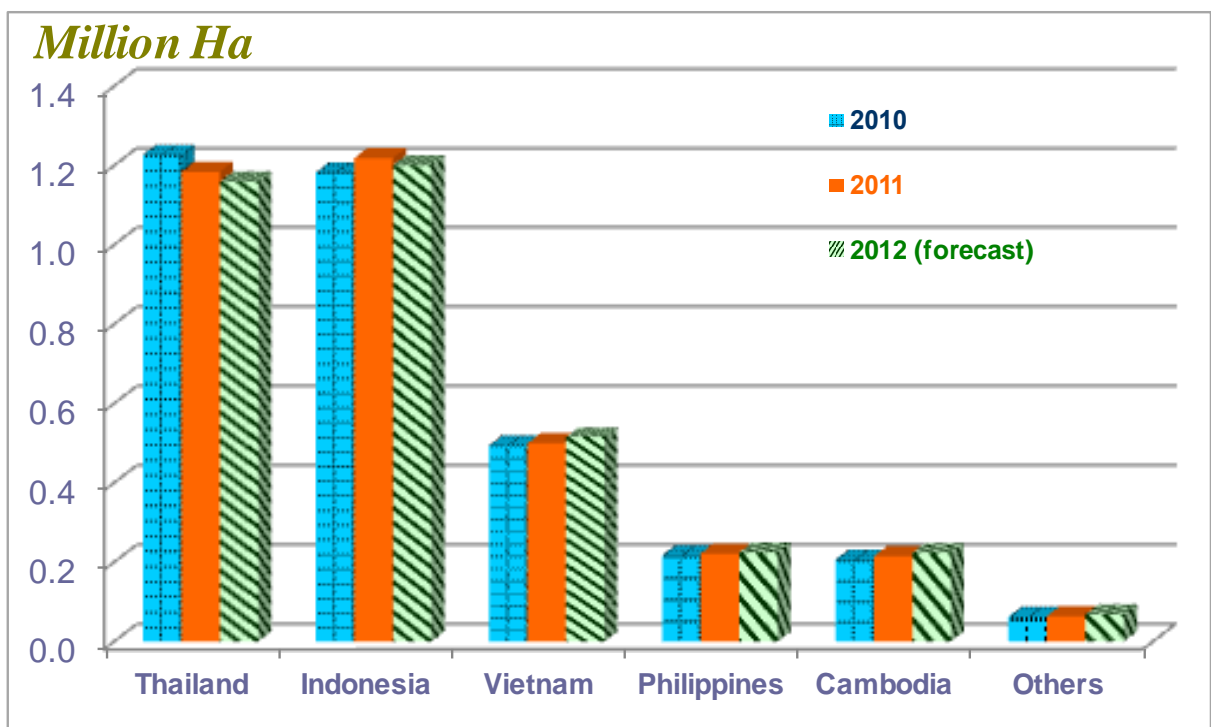


Figure 18 Cassava planted area of selected countries in ASEAN, 2010-2012

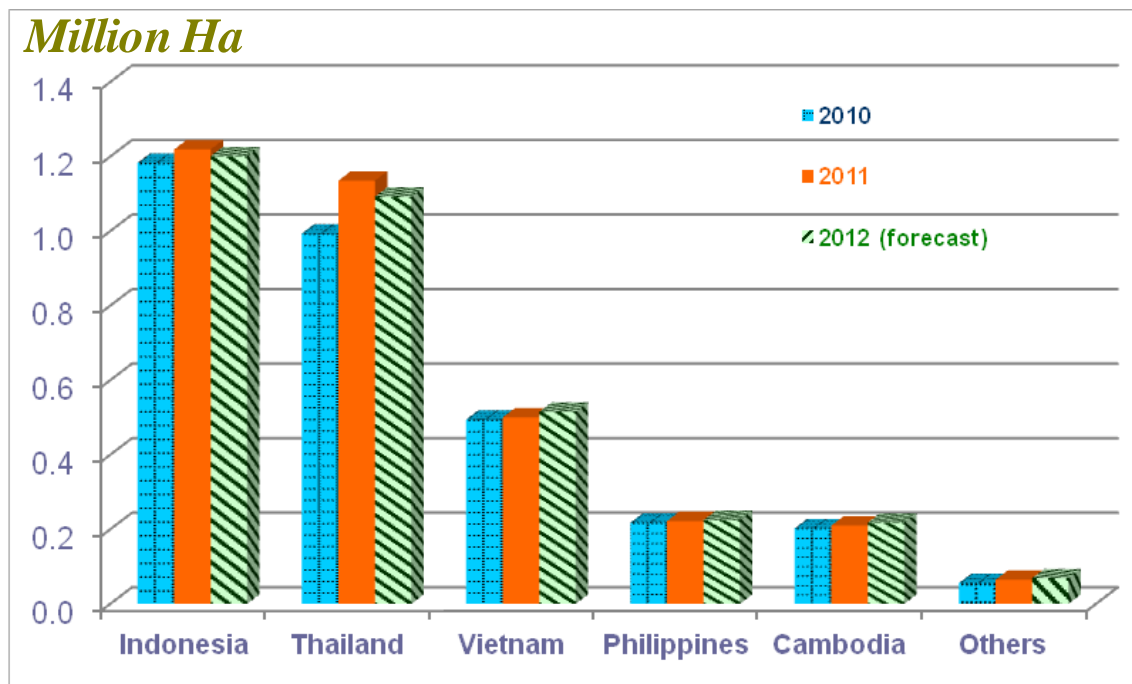


Figure 19 Cassava harvested area of selected countries in ASEAN, 2010-2012

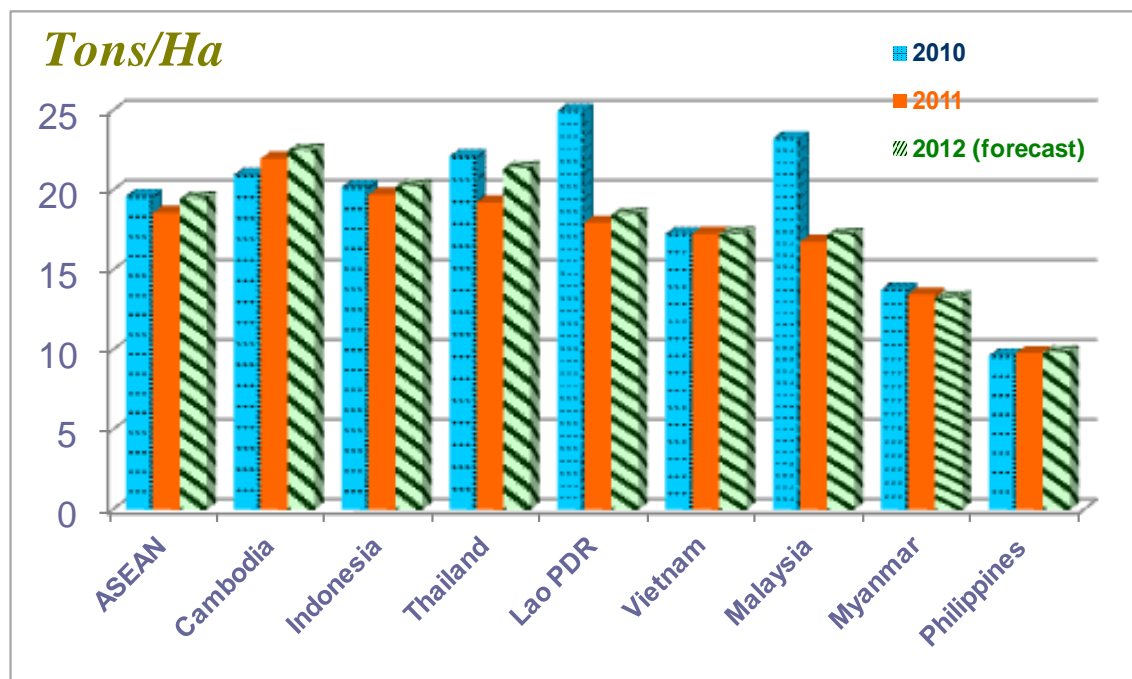


Figure 20 Cassava yield of countries in ASEAN, 2010-2012