



ASEAN Early Warning Information



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Rice Situation in ASEAN

Production

The ASEAN paddy production in 2011 (crop year 2010/11) was estimated at 206.44 million tons, an increase of 6.81 million tons which is about 3 percent from the previous year (Table 1, Figure 1). The increase in production has derived from the increase in both planted area and yield. However, the increase in yield was less than one percent while the increase in production was about 3 percent. In terms of the amount of increase, Thailand and Vietnam has increased the most. In terms of percentage increase, Brunei and Thailand were the first and the second respectively. However, Brunei produces very small quantity. Cambodia, Malaysia and the Philippines showed very impressive increase in paddy production. Indonesia and Myanmar were the only two countries in the region that the paddy production has decreased. For the increasing countries, the farmers' response to the price increase and the favorable weather were the most cited as the factors attributed to the increase in production. Unfavorable weather was the factor that cause the reduction in production in Indonesia and Myanmar.

The paddy production forecasted in 2012 (crop year 2011/12) in ASEAN is 202.22 million tons, a decrease of 4.22 million tons or about 2 percent from 2011 (crop year 2010/11). The regional reduction in paddy production came from the two major rice producing countries of the region namely : Thailand and Vietnam. For Thailand, the production has decreased about 11 percent due to the major flood just before the harvest of the first (major) crop which caused the production lost of almost 20 percent. Nevertheless, it is expected that the first crop lost will be able to compensate by the increase in production of the second crop. The rice price decrease, as compared to other crops, and the unfavorable weather as well as the pest and disease were the factors that caused the reduction in production in Vietnam.

Harvested Area

The harvested area of paddy in ASEAN in 2011 (crop year 2010/11) was estimated at 49.79 million hectares compared to 48.52 million hectares in 2010 (crop year 2009/10), an increase of almost 3 percent (Table 3, Figure 3). There were four countries namely : Indonesia, Lao PDR, Myanmar and Brunei that the harvested area has decreased. Besides Thailand, the increase in harvested area were very eminent in the Philippines, Cambodia and Vietnam.

The harvested area for 2012 is forecast to be 48.79 million hectares, a decrease of almost one million hectares. The decrease in harvested is expected in Thailand, Myanmar, Vietnam and Cambodia.

Yield

The average paddy yield in ASEAN in 2011 was estimated at 4.15 ton/ha. When compared to 4.11 tons/ha in 2010, the increase was less than one percent (Table 4, Figure 4). Indonesia was the only country in the region that the yield has decreased. In terms of percentage increase, the increase in Brunei was very impressive. The significant increase in paddy yield was also found in Malaysia, Lao PDR and Cambodia.

The average paddy yield in ASEAN is forecast to reduce a little from 4.15 tons/ha in 2011 to 4.14 ton/ha in 2012. Myanmar, Vietnam, Thailand and Brunei are the four countries that the yield in 2012 is expected to decrease. The decrease in yield in 2012 is forecast in Thailand due to the flood during the major crop in 2011/12.

Damaged Area

The total damaged area of paddy in 2011 which affected the 2012 (crop year 2011/12) production was about one million hectares of which about 90 percent came from the flood. The most affected was occurred in Thailand and followed by Lao PDR and the Philippines. The data on the damaged area was not available for Vietnam. The second and the third ranked in terms of damaged area were caused by the pests and the drought respectively. The damaged area by the cause of damage by country in 2011 are shown in Table 5.

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	206,439.36	6,805.08	3.41	202,218.90	-4,220.46	-2.04
Brunei	1.65	2.15	0.50	30.10	2.25	0.11	4.90
Cambodia	7,585.87	8,249.45	663.58	8.75	8,416.94	167.49	2.03
Indonesia	66,469.39	65,760.95	-708.45	-1.07	68,338.36	2,577.41	3.92
Lao PDR	3,070.64	3,105.20	34.55	1.13	3,658.00	552.81	17.80
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	29,334.72	-2,729.71	-8.51
Philippines	15,772.32	16,684.06	911.74	5.78	17,498.97	814.91	4.88
Singapore	-	-	-	-	-	-	-
Thailand	32,116.06	35,583.64	3,467.57	10.80	31,625.25	-3,958.39	-11.12
Vietnam	39,988.40	42,324.40	2,336.00	5.84	40,594.00	-1,730.40	-4.09

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	49,365.89	50,867.44	1,501.54	3.04	50,721.36	-146.07	-0.29
Brunei	1.85	1.64	-0.21	-11.12	1.84	0.19	11.72
Cambodia	2,720.38	2,795.89	75.51	2.78	2,912.12	116.23	4.16
Indonesia	13,376.49	13,241.86	-134.62	-1.01	13,647.29	405.43	3.06
Lao PDR	899.45	910.65	11.20	1.24	950.00	39.35	4.32
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	7,779.74	-267.55	-3.32
Philippines	4,473.69	4,626.81	153.12	3.42	4,645.64	18.83	0.41
Singapore	-	-	-	-	-	-	-
Thailand	11,635.19	12,908.22	1,273.03	10.94	12,602.41	-305.81	-2.37
Vietnam	7,514.30	7,651.40	137.10	1.82	7,490.00	-161.40	-2.11

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	48,521.37	49,791.58	1,270.21	2.62	48,794.40	-997.18	-2.00
Brunei	1.56	1.52	-0.04	-2.67	1.60	0.09	5.68
Cambodia	2,674.60	2,777.32	102.72	3.84	2,709.82	-67.50	-2.43
Indonesia	13,253.45	13,201.32	-52.13	-0.39	13,599.76	398.45	3.02
Lao PDR	855.11	814.16	-40.96	-4.79	950.00	135.85	16.69
Malaysia	668.58	678.23	9.64	1.44	684.30	6.07	0.90
Myanmar	8,058.15	8,011.48	-46.67	-0.58	7,754.00	-257.48	-3.21
Philippines	4,354.16	4,536.64	182.48	4.19	4,645.64	108.99	2.40
Singapore	-	-	-	-	-	-	-
Thailand	11,141.45	12,119.52	978.08	8.78	10,959.28	-1,160.24	-9.57
Vietnam	7,514.30	7,651.40	137.10	1.82	7,490.00	-161.40	-2.11

Note: Vietnam reported only planted area.

Table 4 Paddy yield in ASEAN countries, 2010-2012

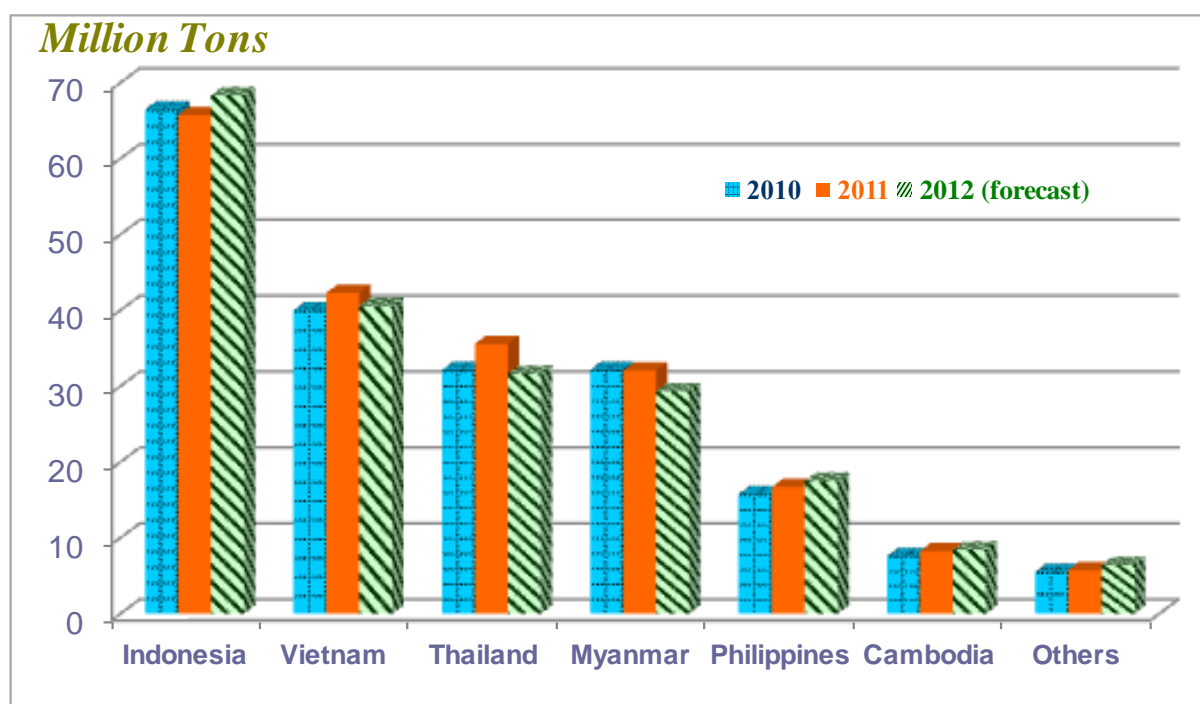
Unit: Ton/Hectare

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	4.14	-0.01	-0.24
Brunei	1.06	1.41	0.35	33.02	1.40	-0.01	-0.71
Cambodia	2.84	2.97	0.13	4.58	3.11	0.14	4.71
Indonesia	5.02	4.98	-0.04	-0.80	5.02	0.04	0.80
Lao PDR	3.59	3.81	0.22	6.13	3.85	0.04	1.05
Malaysia	3.69	3.93	0.24	6.50	4.02	0.09	2.29
Myanmar	3.99	4.00	0.01	0.25	3.78	-0.22	-5.50
Philippines	3.62	3.68	0.06	1.66	3.77	0.09	2.45
Singapore	-	-	-	-	-	-	-
Thailand	2.88	2.94	0.06	2.08	2.89	-0.05	-1.70
Vietnam	5.32	5.53	0.21	3.95	5.42	-0.11	-1.99

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

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

Country	Cause of Damage (Hectares)					Total
	Flood	Drought	Pests	Diseases	Unspecified	
ASEAN	934,355	45,805	51,142	2,730	41,802	1,075,834
Brunei	21	20	40	44	-	125
Cambodia	15,062	3,258	249	-	-	18,569
Indonesia	0	0	0	0	40,526	40,526
Lao PDR	95,944	155	352	0	44	96,495
Malaysia	795	0	1,972	2,686	0	5,453
Myanmar	34,574	0	0	0	1,232	35,806
Philippines	89,396	0	770	-	-	90,166
Singapore	-	-	-	-	-	-
Thailand	698,563	42,372	47,759	0	0	788,694
Vietnam	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

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

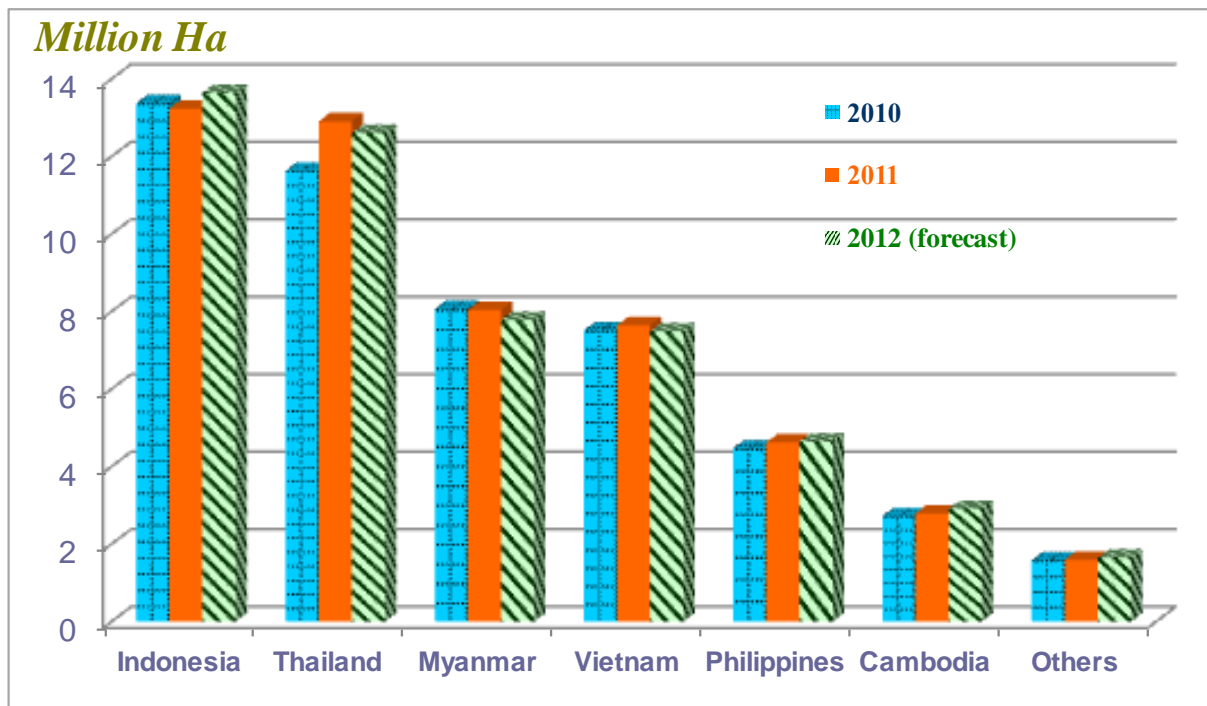


Figure 2 Paddy planted area of selected countries in ASEAN, 2010-2012

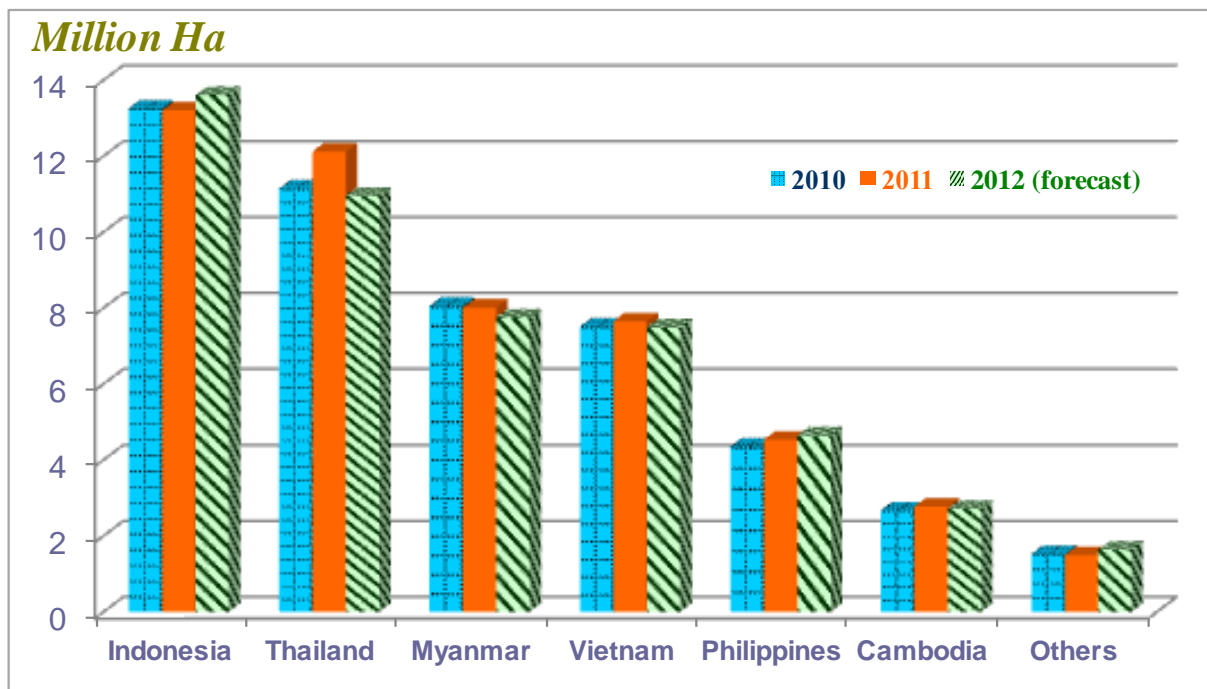


Figure 3 Paddy harvested area of selected countries in ASEAN, 2010-2012

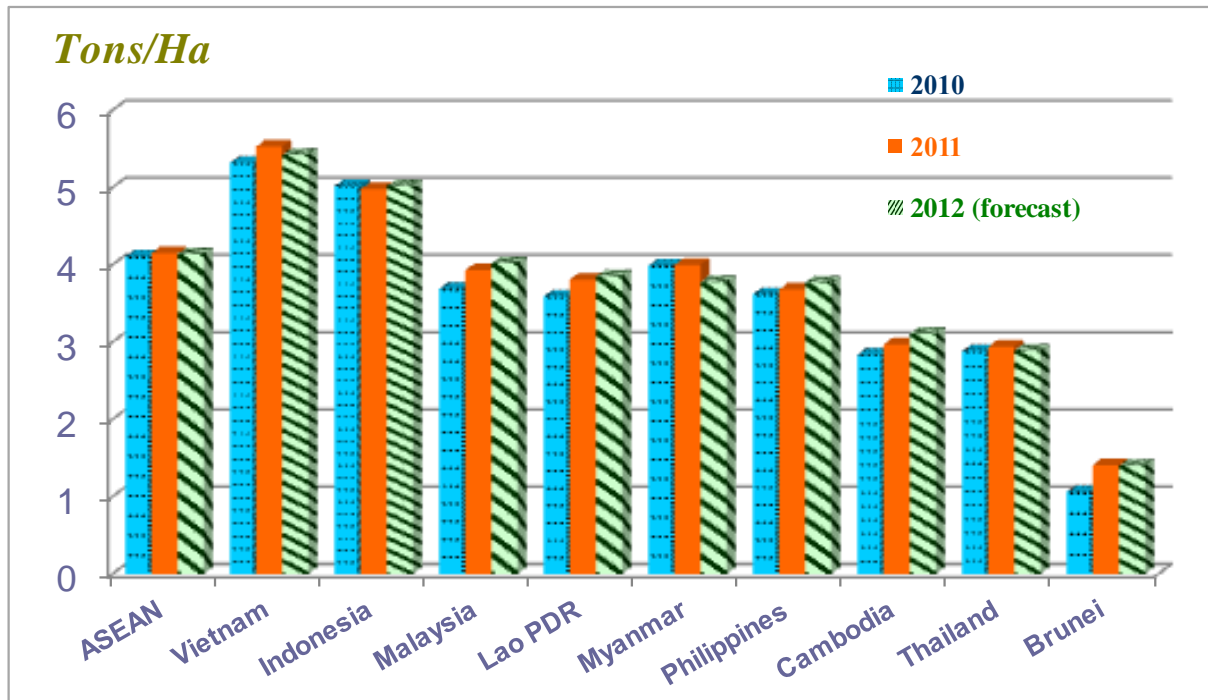


Figure 4 Paddy yield of countries in ASEAN, 2010-2012

Maize Situation in ASEAN

Production

The maize production in ASEAN in 2011 (crop year 2010/11) was estimated at 37.01 million tons compared to 37.04 million tons in 2010. Thus, there was no significant difference between the two years (Table 14, Figure 14). On the country by country basis, the production in Indonesia, Cambodia and Thailand have decreased while in other countries the production have increased. The decrease in production in Indonesia, the biggest maize producing in the region, attributed to the decrease in area due to increase in the price of the competing crops. The cause of reduction in production in Thailand was similar to the Indonesia. For Cambodia, the increase in price of competing crops and the unfavorable weather were the factors caused the reduction in planted area.

Harvested Area

The total harvested area of maize in ASEAN in 2011 (crop year 2010/11) was estimated at 9.30 million hectares, down 0.35 million hectare or a little less than 4 percent from 9.65 million hectares in 2010 (Table 16, Figure 16). In terms of the quantity, Indonesia has reduced the most. But in term of percentage area reduction, Cambodia was ranked first.

The harvested maize area in 2012 (crop year 2011/12) is forecast to be 9.54 million hectares, up about 3 percent from 2011. All countries are expected to have an increase in harvested area.

Yield

The average maize yield in ASEAN in 2011 (crop year 2010/11) was estimated at 3.98 tons/ha, up about 4 percent from 3.84 tons/ha in 2010 (Table 17, Figure 17). All countries, except Lao PDR, the yield has increased. The increases in the use of improved variety and favorable weather are the factors that contributed to the increased in the yield in most countries in the region.

The average yield in ASEAN in 2012 is forecast to be 3.99 tons/ha which is about the same as in 2011. Indonesia, Thailand and Lao PDR is expected to have a slightly decrease in yield.

Damaged Area

The total damaged area for maize in ASEAN in 2011 was reported to be about one hundred thousand hectares. The biggest damaged area came from the flood which shared about 80 percent of the total damaged area. The rest of the damage was caused by the drought. The damage due to the pest was almost negligible (Table 10).

Table 14 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	37,039.85	37,009.73	-30.12	-0.08	38,061.62	1,051.89	2.84
Brunei	-	-	-	-	-	-	-
Cambodia	773.27	699.28	-73.99	-9.57	712.00	12.72	1.82
Indonesia	18,327.64	17,629.03	-698.60	-3.81	17,774.01	144.98	0.82
Lao PDR	914.98	929.55	14.57	1.59	956.15	26.60	2.86
Malaysia	-	-	-	-	-	-	-
Myanmar	1,184.95	1,354.64	169.69	14.32	1,448.81	94.18	6.95
Philippines	6,376.80	6,971.22	594.42	9.32	7,549.07	577.85	8.29
Singapore	-	-	-	-	-	-	-
Thailand	4,855.42	4,779.61	-75.81	-1.56	4,808.82	29.21	0.61
Vietnam	4,606.80	4,646.40	39.60	0.86	4,812.75	166.35	3.58

Table 15 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	9,828.83	9,404.21	-424.62	-4.32	9,591.63	187.42	1.99
Brunei	-	-	-	-	-	-	-
Cambodia	213.62	161.60	-52.03	-24.35	163.20	1.60	0.99
Indonesia	4,172.26	3,861.48	-310.79	-7.45	3,920.38	58.90	1.53
Lao PDR	184.91	193.60	8.69	4.70	202.29	8.69	4.49
Malaysia	-	-	-	-	-	-	-
Myanmar	355.14	389.44	34.30	9.66	411.68	22.24	5.71
Philippines	2,580.09	2,556.08	-24.01	-0.93	2,643.91	87.84	3.44
Singapore	-	-	-	-	-	-	-
Thailand	1,195.92	1,160.52	-35.39	-2.96	1,150.16	-10.36	-0.89
Vietnam	1,126.90	1,081.50	-45.40	-4.03	1,100.00	18.50	1.71

Table 16 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	9,648.73	9,302.04	-346.69	-3.59	9,537.95	235.91	2.54
Brunei	-	-	-	-	-	-	-
Cambodia	189.53	160.91	-28.62	-15.10	162.50	1.60	0.99
Indonesia	4,131.68	3,861.43	-270.24	-6.54	3,917.98	56.55	1.46
Lao PDR	184.91	193.60	8.69	4.70	202.29	8.69	4.49
Malaysia	-	-	-	-	-	-	-
Myanmar	354.74	389.07	34.33	9.68	411.48	22.41	5.76
Philippines	2,499.04	2,544.61	45.57	1.82	2,643.91	99.30	3.90
Singapore	-	-	-	-	-	-	-
Thailand	1,161.94	1,070.93	-91.02	-7.83	1,099.79	28.87	2.70
Vietnam	1,126.90	1,081.50	-45.40	-4.03	1,100.00	18.50	1.71

Table 17 Maize Yield in ASEAN countries, 2010-2012

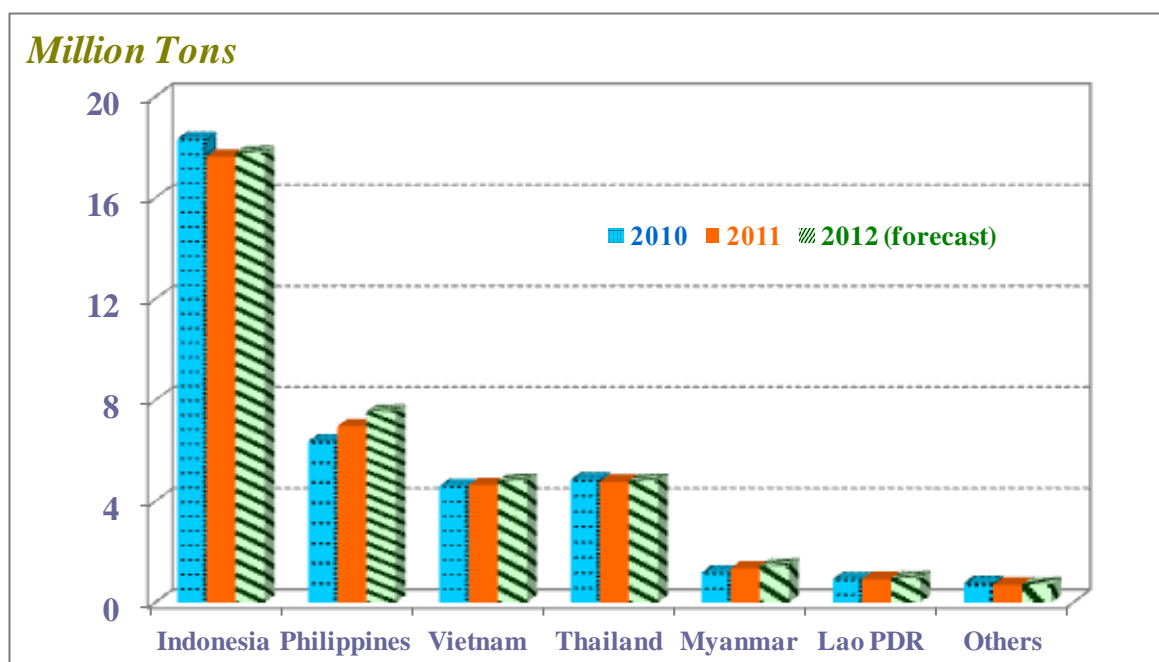
Unit: Ton/Hectare

Country	2010 (2009/10)	2011 (2010/11)	change 2011 over 2010		2012 (2011/12)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	3.84	3.98	0.14	3.65	3.99	0.01	0.25
Brunei	-	-	-	-	-	-	-
Cambodia	4.08	4.35	0.27	6.62	4.38	0.03	0.69
Indonesia	4.44	4.57	0.13	2.93	4.54	-0.03	-0.66
Lao PDR	4.95	4.80	-0.15	-3.03	4.73	-0.07	-1.46
Malaysia	-	-	-	-	-	-	-
Myanmar	3.34	3.48	0.14	4.19	3.52	0.04	1.15
Philippines	2.55	2.74	0.19	7.45	2.86	0.12	4.38
Singapore	-	-	-	-	-	-	-
Thailand	4.18	4.46	0.28	6.70	4.37	-0.09	-2.02
Vietnam	4.09	4.30	0.21	5.13	4.38	0.08	1.86

Table 18 Maize damaged area in ASEAN by cause of damage, 2011

Country	Cause of Damage (Hectares)						Total
	Flood	Drought	Pests	Diseases	Unspecified	Others	
ASEAN	80,574	20,818	635	0	0	138	102,165
Brunei	-	-	-	-	-	-	-
Cambodia	690	-	-	-	-	-	690
Indonesia	-	-	42	-	-	-	42
Lao PDR	-	-	-	-	-	-	0
Malaysia	-	-	-	-	-	-	0
Myanmar	371	-	-	-	-	-	371
Philippines	10,735	-	593	-	-	138	11,466
Singapore	-	-	-	-	-	-	-
Thailand	68,778	20,818	-	-	-	-	89,596
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 14 Maize production of selected countries in ASEAN, 2010-2012**

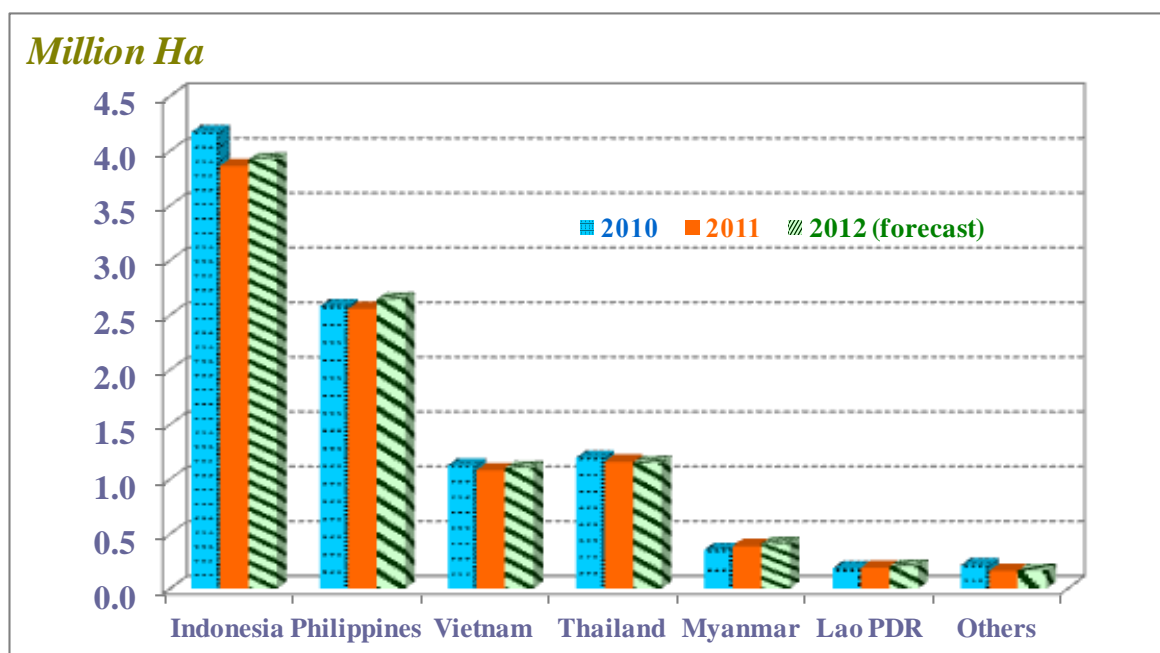


Figure 15 Maize planted area of selected countries in ASEAN, 2010-2012

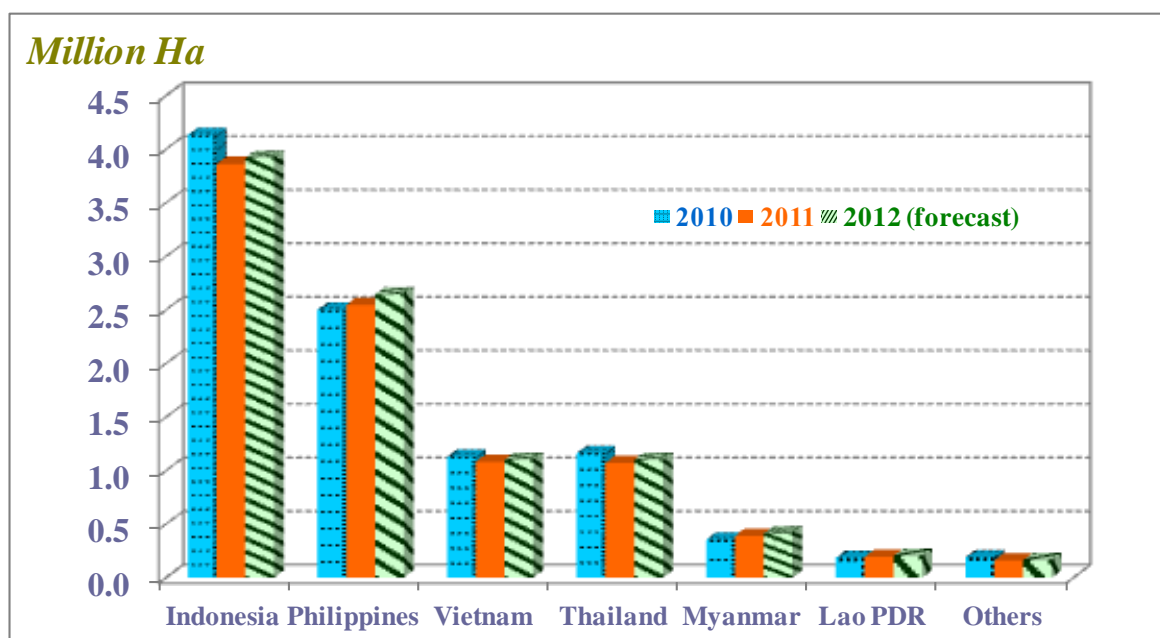


Figure 16 Maize harvested area of selected countries in ASEAN, 2010-2012

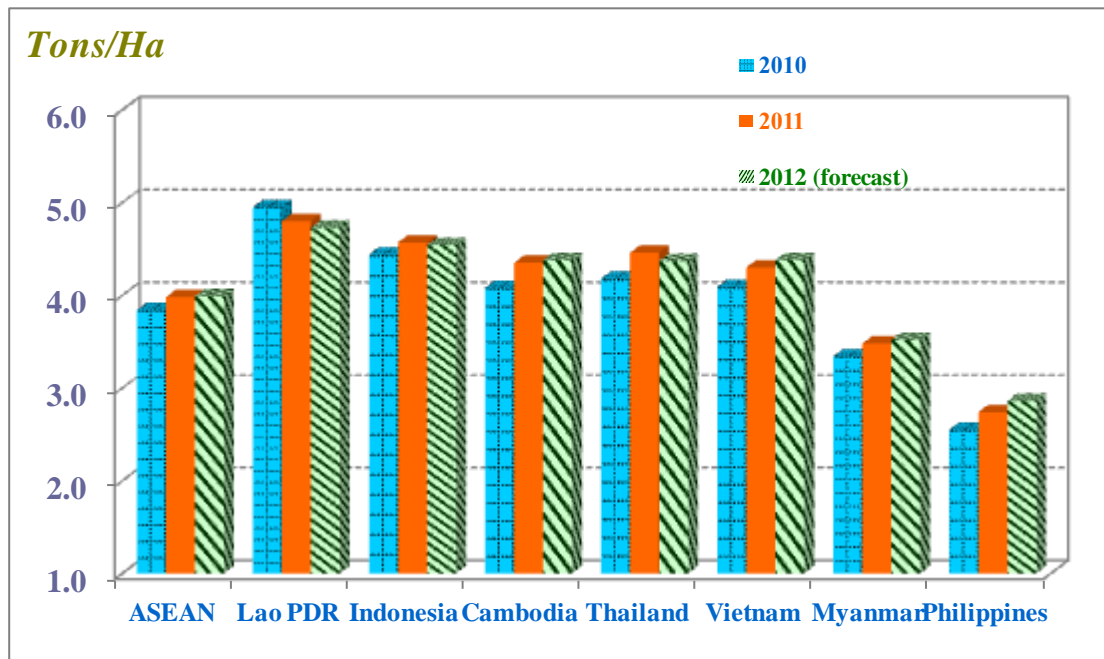


Figure 17 Maize yield of countries in ASEAN, 2010-2012

Sugarcane Situation in ASEAN

Production

The estimate of sugarcane production in ASEAN in 2011 (crop year 2010/11) was 166.30 million tons, a huge increase of 38.21 million tons or almost 30 percent from 128.10 million tons in 2010 (Table 11, Figure 11). A prominent increase was occurred in Thailand and the Philippines, the two major sugarcane producing countries in the region. For Indonesia, the fourth largest sugarcane producing country in the region, the production has decreased about 3 percent. All other countries, the production has increased. The increase in production in most countries was due to the increase in area.

The sugarcane production in ASEAN is forecast to be further increased from 166.30 million tons in 2011 to 176.08 million tons in 2012. This is due to the increase in both area and yield.

Harvested area

The harvested area of sugarcane in ASEAN in 2011 (crop year 2010/11) was estimated to be 2.61 million hectares, up 0.36 million hectares which is about 16 percent from the previous year (Table 13, Figure 11). The increase in harvested area was due to the price response of the farmers. Thailand, the biggest sugarcane producing country in the region, has increased the most. The harvested area in Lao PDR was also increased very significantly due to the increase in demand from the newly established sugar factories. Similar situation was also occurred in Cambodia.

The harvested area in 2012 is forecast to be 2.68 million hectares, up about 3 percent from the previous year. This is because it is expected that the sugar price will continue to be very high level and high return to farmers is expected.

Yield

The average yield of sugarcane in ASEAN in 2011 (crop year 2010/11) was estimated to be 63.81 tons per hectare, up 6.81 tons per hectare or about 12 percent from 57.00 tons per hectares in 2010 (Table 14, Figure 12). All growing countries, except Indonesia and Lao PDR, the yield has increased. The significant increase in yield was occurred in the Philippines. The reasons for the increase in the yield was due to the farmers taking care of their crop better in response to the increase in price received together with the favorable weather.

The yield of sugarcane in 2012 is forecast to be 65.81 tons per hectare, a slightly increase from previous year.

Damaged Area

The total damaged area was in 2011 reported to be about 32,024 hectares. Most of the damage was caused by the drought (Table 15).

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	128,096.36	166,302.55	38,206.19	29.83	176,076.33	9,773.78	5.88
Brunei	-	-	-	-	-	-	-
Cambodia	365.56	524.12	158.57	43.38	547.45	23.33	4.45
Indonesia	15,366.02	14,966.01	-400.00	-2.60	16,908.85	1,942.84	12.98
Lao PDR	818.68	1,074.30	255.63	31.22	1,162.50	88.20	8.21
Malaysia	-	-	-	-	-	-	-
Myanmar	9,561.98	9,249.46	-312.53	-3.27	9,655.44	405.99	4.39
Philippines	17,929.27	28,376.54	10,447.27	58.27	29,137.08	760.54	2.68
Singapore	-	-	-	-	-	-	-
Thailand	68,807.80	95,950.42	27,142.62	39.45	101,165.00	5,214.58	5.43
Vietnam	15,247.06	16,161.70	914.64	6.00	17,500.00	1,338.30	8.28

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	2,287.40	2,639.93	352.53	15.41	2,723.42	83.49	3.16
Brunei	-	-	-	-	-	-	-
Cambodia	17.21	24.10	6.90	40.08	25.10	1.00	4.14
Indonesia	454.11	457.62	3.50	0.77	475.87	18.25	3.99
Lao PDR	15.36	30.00	14.65	95.38	31.00	1.00	3.33
Malaysia	-	-	-	-	-	-	-
Myanmar	160.12	151.51	-8.61	-5.38	154.28	2.77	1.83
Philippines	354.88	428.35	73.48	20.70	435.29	6.94	1.62
Singapore	-	-	-	-	-	-	-
Thailand	1,025.63	1,279.25	253.62	24.73	1,326.89	47.64	3.72
Vietnam	260.10	269.10	9.00	3.46	275.00	5.90	2.19

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

Unit: 1,000 Hectares

Country	2010 (2008/09)	2011 (2009/10)	change 2011 over 2010		2012 (2010/11)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	2,247.39	2,606.35	358.97	15.97	2,675.68	69.33	2.66
Brunei	-	-	-	-	-	-	-
Cambodia	17.07	24.05	6.97	40.85	25.10	1.05	4.38
Indonesia	432.72	447.13	14.42	3.33	465.58	18.45	4.13
Lao PDR	15.36	30.00	14.65	95.38	31.00	1.00	3.33
Malaysia	-	-	-	-	-	-	-
Myanmar	157.69	150.02	-7.67	-4.86	153.26	3.24	2.16
Philippines	354.88	426.82	71.94	20.27	435.29	8.47	1.98
Singapore	-	-	-	-	-	-	-
Thailand	1,009.58	1,259.24	249.66	24.73	1,290.46	31.22	2.48
Vietnam	260.10	269.10	9.00	3.46	275.00	5.90	2.19

Table 14 Sugarcane 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	57.00	63.81	6.81	11.95	65.81	2.00	3.13
Brunei	-	-	-	-	-	-	-
Cambodia	21.41	21.80	0.39	1.82	21.81	0.01	0.05
Indonesia	35.51	33.47	-2.04	-5.74	36.32	2.85	8.52
Lao PDR	53.32	35.81	-17.51	-32.84	37.50	1.69	4.72
Malaysia	-	-	-	-	-	-	-
Myanmar	60.64	61.66	1.02	1.68	63.00	1.34	2.17
Philippines	50.52	66.48	15.96	31.59	66.94	0.46	0.69
Singapore	-	-	-	-	-	-	-
Thailand	68.15	76.20	8.05	11.81	78.39	2.19	2.87
Vietnam	58.62	60.06	1.44	2.46	63.64	3.58	5.96

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

Country	Cause of Damage (Hectares)						Total
	Flood	Drought	Pests	Diseases	Others	Not specify	
ASEAN	1,549	20,009	0	-	0	10,484	32,042
Brunei	-	-	-	-	-	-	-
Cambodia	57	-	-	-	-	-	57
Indonesia	-	-	-	-	-	10,484	10,484
Lao PDR.	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-
Myanmar	1,492	-	-	-	-	-	1,492
Philippines	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-
Thailand	-	20,009	-	-	-	-	20,009
Vietnam	n.a.	n.a.	n.a.	n.a.	n.a.	-	n.a.

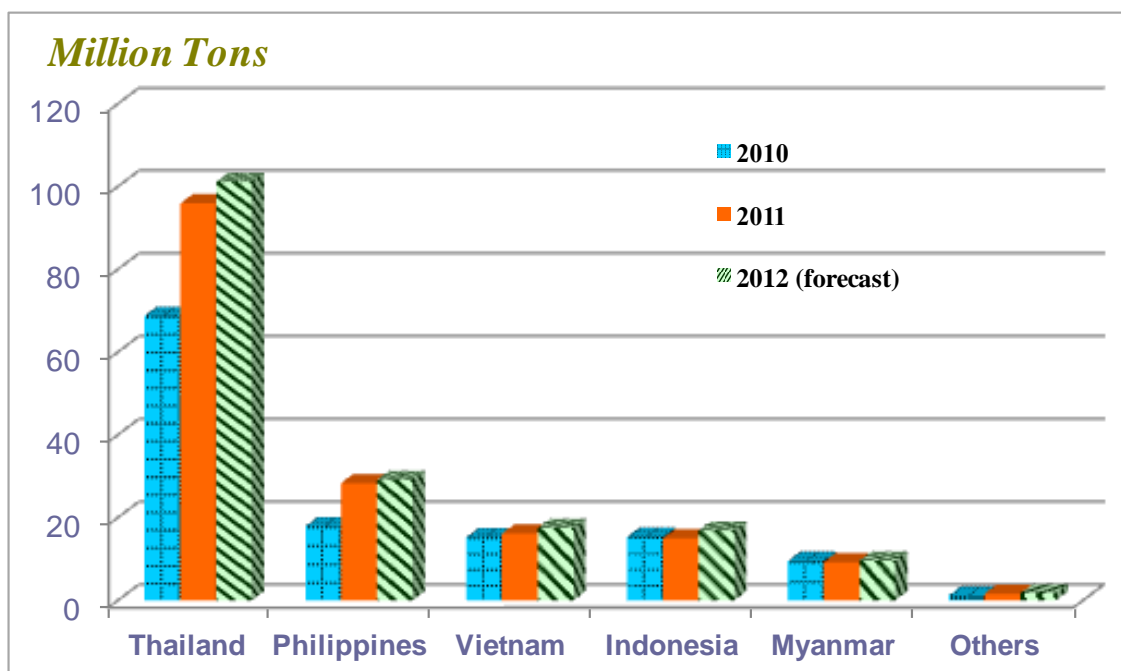


Figure 9 Sugarcane production of selected countries in ASEAN, 2010-2012

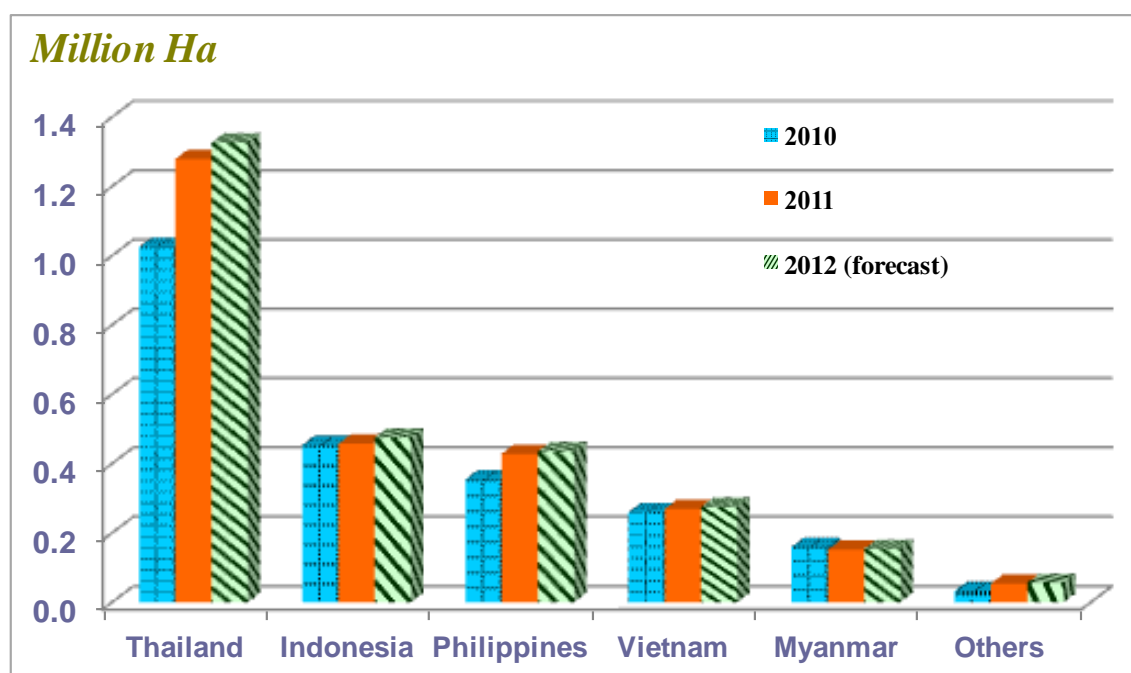


Figure 10 Sugarcane planted area of selected countries in ASEAN, 2010-2012

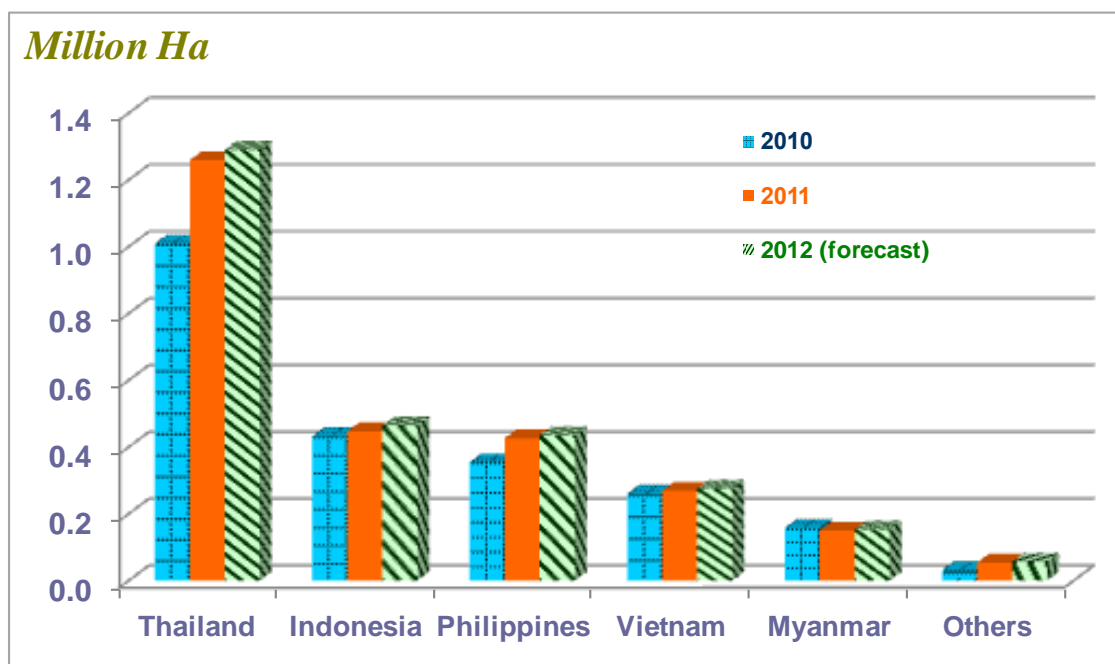


Figure 11 Sugarcane harvested area of selected countries in ASEAN, 2010-2012

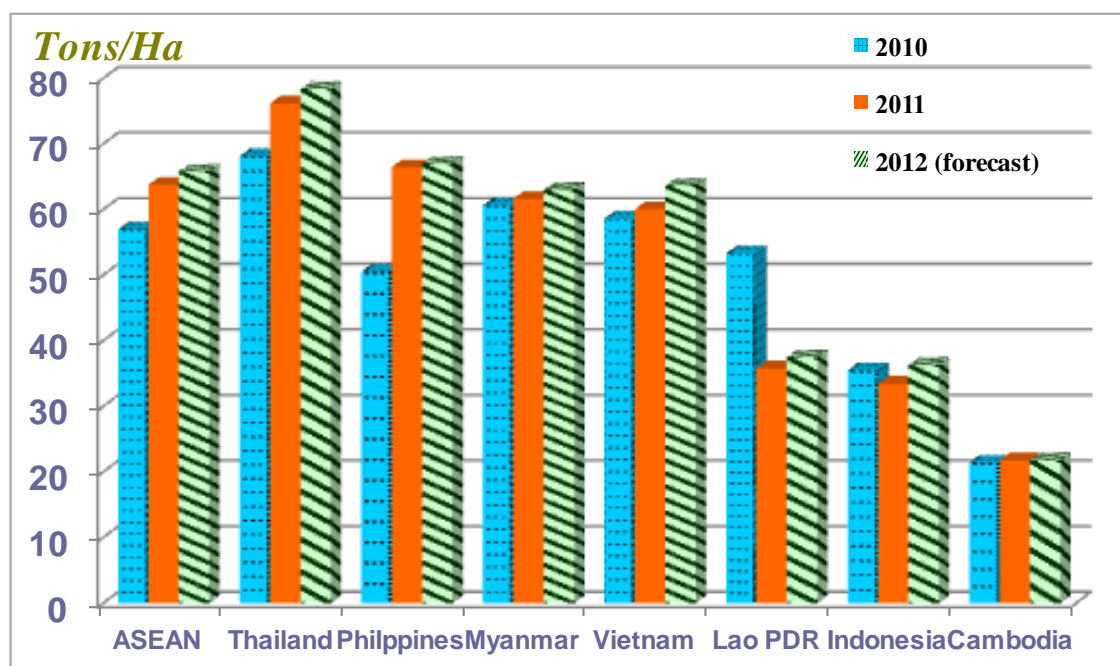


Figure 12 Sugarcane yield of selected countries in ASEAN, 2010-2012

Soybean Situation in ASEAN

Production

The estimated soybean production in ASEAN in 2011 (crop year 2010/11) was estimated at 1.64 million tons compared to 1.80 million tons in 2010 (Table 16, Figure 13). All countries in the region, except Lao PDR and Myanmar, the production has increased. For Indonesia, the biggest soybean producing country in the region, the soybean production has decreased the most. Vietnam and Myanmar were about equal in terms of production and both ranked second in the region. Brunei, Malaysia and Singapore did not grow soybean. The decrease in production was mainly due to the reduction in planted area while the yield change were mixed among countries in the region.

The production forecast for soybeans in the region in 2012 is 1.67 million tons, up about 2 percent from the previous year. Myanmar is forecast to reduce its production about 9 percent while Thailand is expected to reduce its production slightly. For other growing countries, the soybean production is forecast to increase. The Philippines and Lao PDR are forecast to increase their production by 36 percent and 30 percent respectively. For other countries, the increase is expected to be about 5 percent or less.

Harvested area

The estimated soybean harvested area for the whole ASEAN in 2011 (crop year 2010/11) was about 1.14 million hectares, down 0.11 million hectares or about 9 percent from 1.24 million hectares in 2010 (Table 18, Figure 15). Only Lao PDR that the harvested area has increased. For other countries, the harvested area has decreased. The decrease in price received by farmers compared to other crops was the factor attributed to the reduction in harvested area.

The harvested area in ASEAN is forecast to be 1.15 million hectares in 2012 compared to 1.13 million hectares in 2011, a slightly increase.

Yield

The average soybeans yield in ASEAN in 2011 (crop year 2010/11) was estimated to be 1.45 tons per hectare which was about the same as in 2010 (crop year 2009/10). In Indonesia, the Philippines and Vietnam the yield estimated have decreased. For other producing countries, the estimated yield has increased. (Table 19, Figure 16)

The yield forecast for 2012 is to be 1.46 tons per hectare, a slightly increase from the previous year. All countries, except Myanmar, the yield is expected to increase.

Damaged Area

The total damaged area of soybeans in ASEAN was reported to be about five thousand hectares of which about 80 percent were caused by the drought (Table 20).

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 (2011/12)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	1,797.72	1,640.00	-157.73	-8.77	1,673.70	33.71	2.06
Brunei	-	-	-	-	-	-	-
Cambodia	156.59	110.38	-46.21	-29.51	116.00	5.62	5.09
Indonesia	907.03	843.84	-63.19	-6.97	874.03	30.19	3.58
Lao PDR	11.44	24.95	13.52	118.19	32.40	7.45	29.86
Malaysia	-	-	-	-	-	-	-
Myanmar	253.68	254.52	0.84	0.33	232.43	-22.09	-8.68
Philippines	0.81	0.69	-0.13	-15.64	0.93	0.00	35.91
Singapore	-	-	-	-	-	-	-
Thailand	169.58	151.42	-18.15	-10.70	151.41	-0.01	-0.01
Vietnam	298.60	254.20	-44.40	-14.87	266.50	12.30	4.84

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	1,258.64	1,138.62	-120.02	-9.54	1,157.76	19.14	1.68
Brunei	-	-	-	-	-	-	-
Cambodia	103.20	67.44	-35.76	-34.65	70.00	2.56	3.79
Indonesia	673.26	620.93	-52.33	-7.77	639.70	18.78	3.02
Lao PDR	7.24	15.30	8.07	111.47	19.29	3.99	26.08
Malaysia	-	-	-	-	-	-	-
Myanmar	170.90	169.00	-1.90	-1.11	157.50	-11.50	-6.81
Philippines	0.58	0.52	-0.07	-11.32	0.49	0.00	0.00
Singapore	-	-	-	-	-	-	-
Thailand	105.67	91.83	-13.83	-13.09	90.78	-1.06	-1.15
Vietnam	197.80	173.60	-24.20	-12.23	180.00	6.40	3.69

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 (2011/12)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	1,241.76	1,133.33	-108.44	-8.73	1,147.78	14.45	1.27
Brunei	-	-	-	-	-	-	-
Cambodia	101.78	65.90	-35.88	-35.25	68.40	2.50	3.79
Indonesia	660.82	620.93	-39.90	-6.04	634.50	13.57	2.18
Lao PDR	7.24	15.30	8.07	111.47	19.29	3.99	26.08
Malaysia	-	-	-	-	-	-	-
Myanmar	170.90	169.00	-1.90	-1.11	157.50	-11.50	-6.81
Philippines	0.58	0.52	-0.07	-11.32	0.49	-0.03	-5.03
Singapore	-	-	-	-	-	-	-
Thailand	102.64	88.08	-14.56	-14.19	87.60	-0.48	-0.54
Vietnam	197.80	173.60	-24.20	-12.23	180.00	6.40	3.69

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	1.448	1.447	0.00	-0.05	1.458	0.010	0.77
Brunei	-	-	-	-	-	-	-
Cambodia	1.538	1.675	0.14	8.87	1.696	0.020	1.26
Indonesia	1.373	1.359	-0.01	-0.99	1.378	0.020	1.36
Lao PDR	1.581	1.631	0.05	3.18	1.680	0.050	3.00
Malaysia	-	-	-	-	-	-	-
Myanmar	1.484	1.506	0.02	1.46	1.476	-0.030	-2.01
Philippines	1.393	1.325	-0.07	-4.87	1.896	0.570	43.11
Singapore	-	-	-	-	-	-	-
Thailand	1.652	1.719	0.07	4.06	1.728	0.010	0.53
Vietnam	1.510	1.464	-0.05	-3.00	1.481	0.020	1.11

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

Country	Cause of Damage (Hectares)					
	Flood	Drought	Pests	Diseases	Unspecify	Total
ASEAN	955	4,336	-	-	-	5,291
Brunei	-	-	-	-	-	-
Cambodia	-	1,538	-	-	-	1,538
Indonesia	-	-	-	-	-	-
Lao PDR	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-
Myanmar	-	-	-	-	-	-
Philippines	-	-	-	-	-	-
Singapore	-	-	-	-	-	-
Thailand	955	2,798	-	-	-	3,753
Vietnam	-	-	-	-	-	-

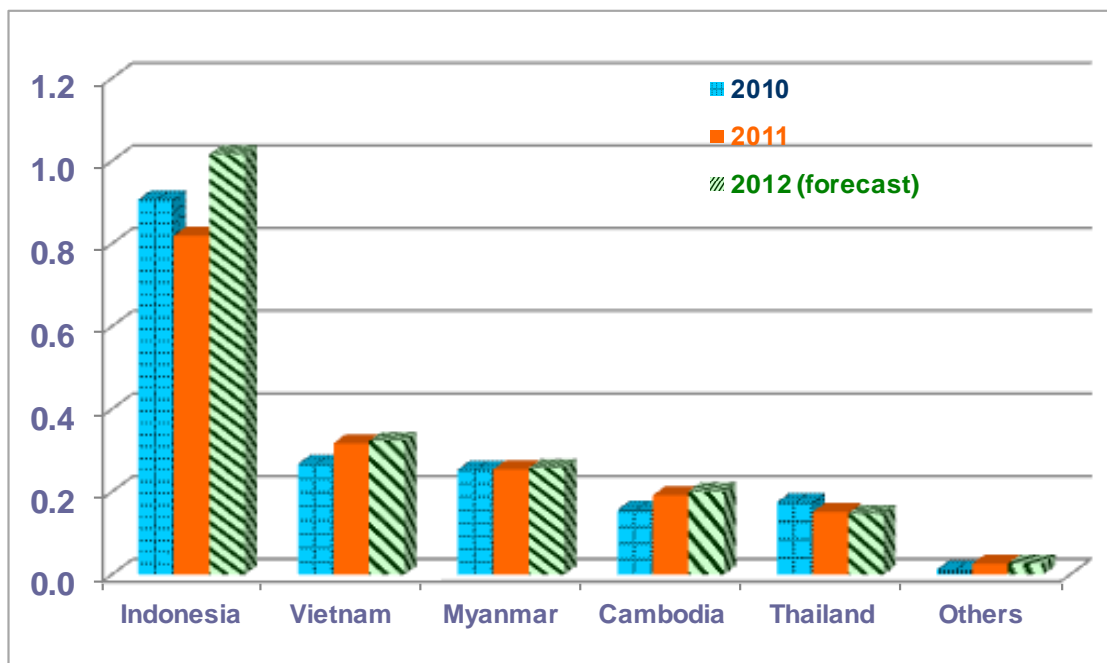


Figure 13 Soybean production of selected countries in ASEAN, 2010-2012

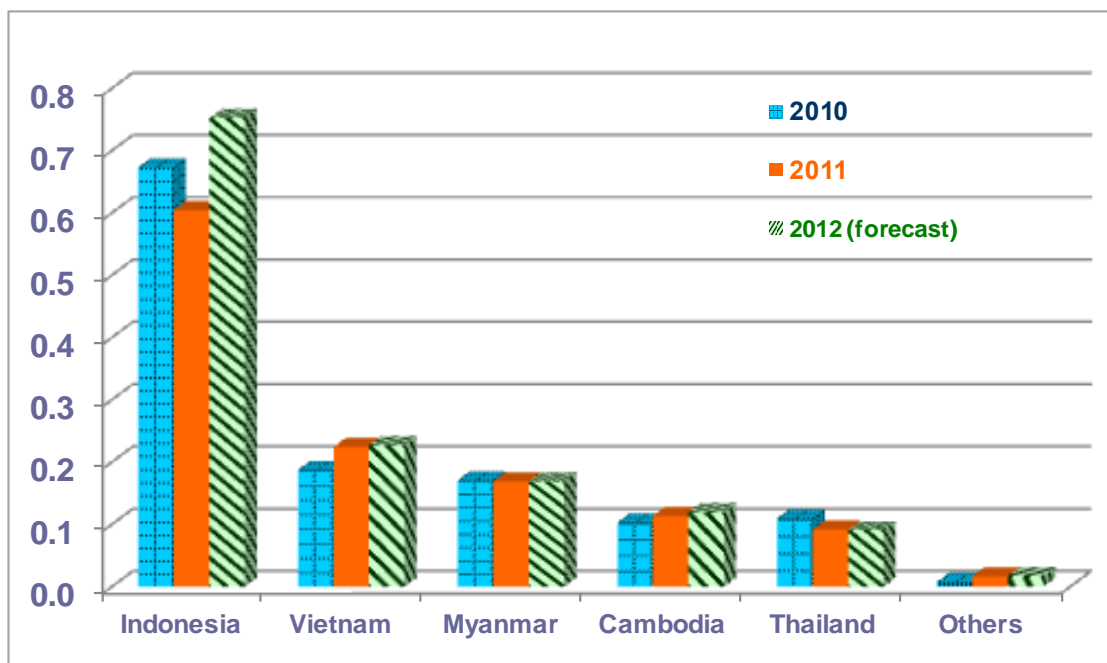


Figure 14 Soybean planted area of selected countries in ASEAN, 2010-2012

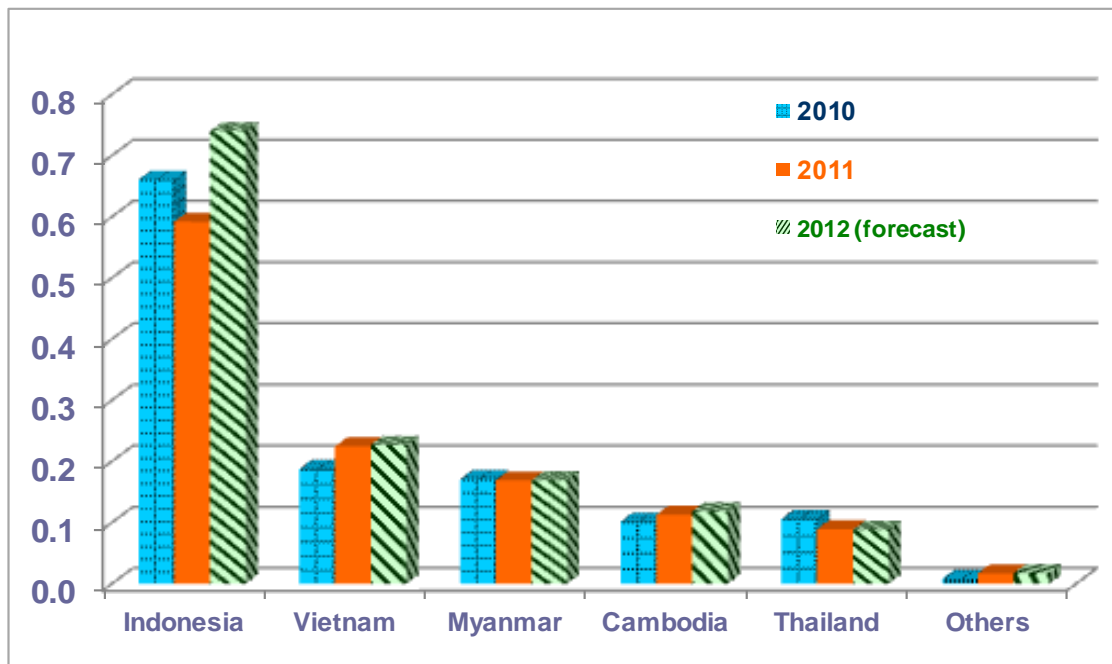


Figure 15 Soybean harvested area of selected countries in ASEAN, 2010-2012

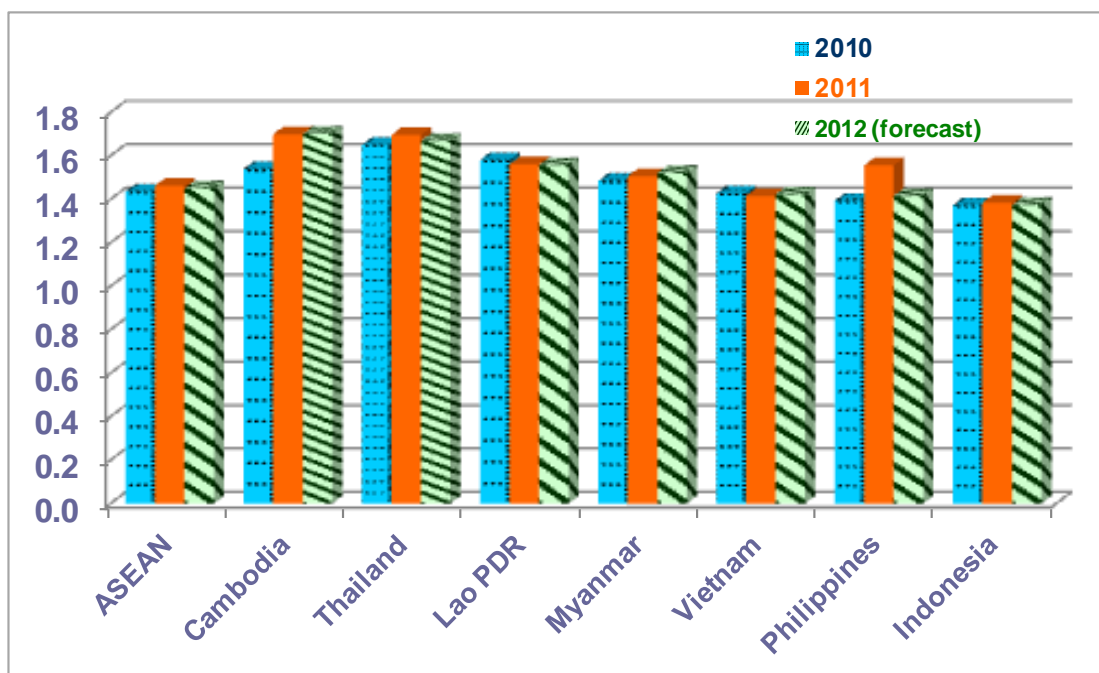


Figure 16 Soybean yield of countries in ASEAN, 2010-2012

Cassava Situation in ASEAN

Production

The estimated cassava production in ASEAN in 2011 (Crop year 2010/11) was 67.23 million tons compared to 61.88 million tons in 2010 (Table 21, Figure 17). Only Thailand and Lao PDR that the production estimated have decreased. However, the contraction in Thailand was very small or almost negligible because the reduction in area was able to compensate, to some extent, by the increase in the yield. For Indonesia, the biggest cassava producing country in the region, the decrease in area was offset by the increase in the yield.

The cassava production is forecast to increase further to 71.63 million tons in 2012. All countries, except Vietnam, are expected to have an increase in production.

Harvested Area

The estimated harvested area of cassava in ASEAN in 2011 (crop year 2010/11) was 3.54 million hectares, up 0.20 million hectares or about 6 percent from the previous year (Table 23, Figure19). For Thailand, Indonesia and Lao PDR, the estimated harvested areas have decreased. However, the percentage decrease in Indonesia was negligible. The reduction in harvested area in Thailand was about 4 percent due to the pest.

The forecast harvested area for ASEAN is slightly increased from 3.54 million hectares in 2011 to 3.61 million hectares in 2012. All countries, except Vietnam, the harvested area are expected to increase.

Yield

The average cassava yield in ASEAN in 2011 (crop year 2010/11) was 19.00 tons per hectare, up from 18.51 tons per hectare in the previous year (Table 24, Figure20). Only Lao PDR and Myanmar that the estimated yield have decreased. The increase in yield in most cases due to the favorable weather and more improved variety was used.

The average yield in 2012 (Crop year 2011/12) is forecast to be 19.87 tons per hectare, an increase about 5 percent from the previous year.

Damaged Area

The total damaged area of cassava in ASEAN in 2011 was reported to be about 61,974 hectares of which 39,876 hectares or 64 percent were caused by the drought which occurred only in Thailand. Another 12,582 hectares were caused by the flood and the rest were mostly caused by the pests (Table 25).

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	61,884.81	67,228.56	5,343.75	8.63	71,634.77	4,406.21	6.55
Brunei	-	-	-	-	-	-	-
Cambodia	4,248.94	8,213.93	3,964.99	93.32	8,300.00	86.07	1.05
Indonesia	23,918.12	24,009.62	91.51	0.38	25,449.54	1,439.92	6.00
Lao PDR	500.09	361.80	-138.29	-27.65	493.50	131.70	36.40
Malaysia	37.19	39.05	1.86	5.00	41.00	1.95	5.00
Myanmar	477.68	607.10	129.42	27.09	716.32	109.23	17.99
Philippines	2,101.45	2,209.45	107.99	5.14	2,279.60	70.15	3.18
Singapore	-	-	-	-	-	-	-
Thailand	22,005.74	21,912.42	-93.32	-0.42	24,847.81	2,935.39	13.40
Vietnam	8,595.60	9,875.20	1,279.60	14.89	9,507.00	-368.20	-3.73

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	3,395.57	3,600.80	205.22	6.04	3,709.59	108.80	3.02
Brunei	-	-	-	-	-	-	-
Cambodia	206.23	387.95	181.73	88.12	390.00	2.05	0.53
Indonesia	1,183.05	1,182.64	-0.41	-0.03	1,230.57	47.93	4.05
Lao PDR	19.94	18.00	-1.94	-9.73	21.00	3.00	16.67
Malaysia	2.77	2.91	0.14	4.98	3.05	0.15	5.02
Myanmar	40.98	44.99	4.00	9.76	56.54	11.55	25.68
Philippines	217.62	220.49	2.87	1.32	224.20	3.71	1.68
Singapore	-	-	-	-	-	-	-
Thailand	1,226.99	1,184.02	-42.96	-3.50	1,249.23	65.21	5.51
Vietnam	498.00	559.80	61.80	12.41	535.00	-24.80	-4.43

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	3,342.60	3,538.82	196.22	5.87	3,605.33	66.51	1.88
Brunei	-	-	-	-	-	-	-
Cambodia	202.49	375.37	172.88	85.38	377.00	1.63	0.43
Indonesia	1,183.05	1,182.64	-0.41	-0.03	1,230.57	47.93	4.05
Lao PDR	19.94	18.00	-1.94	-9.73	21.00	3.00	16.67
Malaysia	2.05	2.15	0.10	4.88	2.26	0.11	5.02
Myanmar	34.63	44.99	10.36	29.92	56.54	11.55	25.68
Philippines	217.62	220.49	2.87	1.32	224.20	3.71	1.68
Singapore	-	-	-	-	-	-	-
Thailand	1,184.83	1,135.39	-49.44	-4.17	1,158.77	23.38	2.06
Vietnam	498.00	559.80	61.80	12.41	535.00	-24.80	-4.43

Note: Vietnam reported only planted area.**Table 24 Cassava yield in ASEAN countries, 2010-2012**

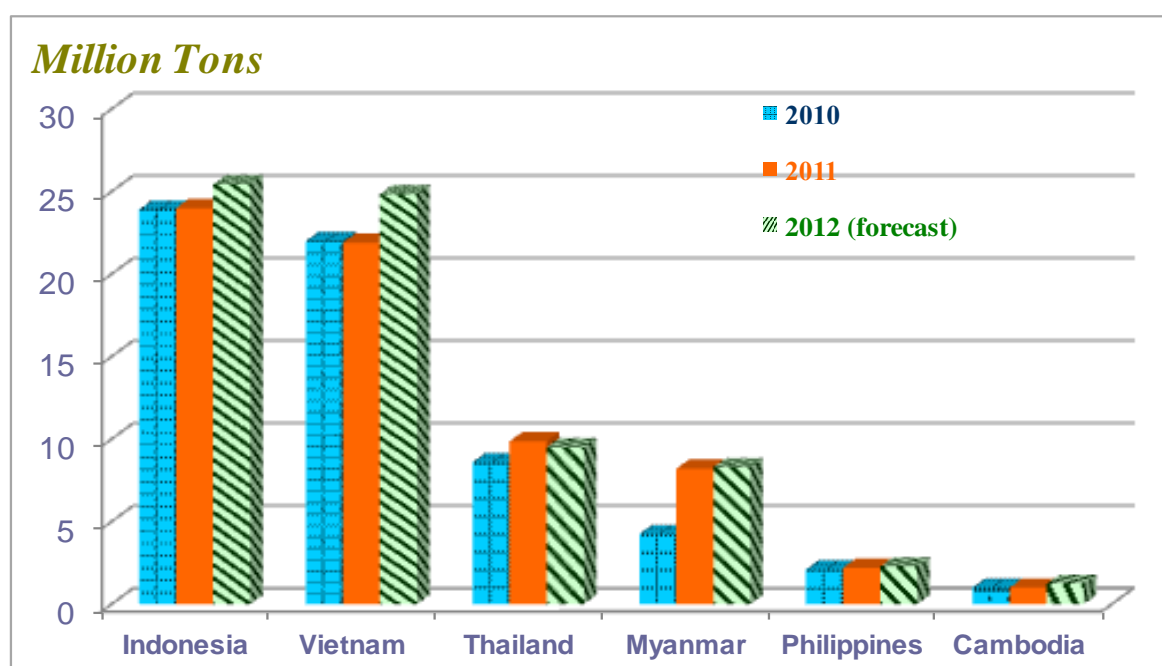
Unit: Ton/Hectare

Country	2010 (2009/10)	2011 (2010/11)	change 2011 over 2010		2012 (2011/12)	change 2012 over 2011	
			Quantities	(%)		Quantities	(%)
ASEAN	18.51	19.00	0.49	2.65	19.87	0.87	4.58
Brunei	-	-	-	-	-	-	-
Cambodia	20.98	21.88	0.90	4.29	22.02	0.14	0.64
Indonesia	20.22	20.30	0.08	0.40	20.68	0.38	1.87
Lao PDR	25.08	20.10	-4.98	-19.86	23.50	3.40	16.92
Malaysia	18.13	18.15	0.02	0.11	18.15	0.00	0.00
Myanmar	13.80	13.50	-0.30	-2.17	12.67	-0.83	-6.15
Philippines	9.66	10.02	0.36	3.73	10.17	0.15	1.50
Singapore	-	-	-	-	-	-	-
Thailand	18.57	19.30	0.73	3.93	21.44	2.14	11.09
Vietnam	17.26	17.64	0.38	2.20	17.77	0.13	0.74

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

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

Country	Cause of Damage (Hectares)						Total
	Flood	Drought	Pests	Diseases	Others	Unspecitfy	
ASEAN	12,582	39,876	8,760	0	0	756	61,974
Brunei	-	-	-	-	-	-	-
Cambodia	12,582	-	-	-	-	-	12,582
Indonesia	-	-	-	-	-	-	0
Lao PDR	-	-	-	-	-	-	0
Malaysia	-	-	-	-	-	756	756
Myanmar	-	-	-	-	-	-	0
Philippines	-	-	-	-	-	-	0
Singapore	-	-	-	-	-	-	0
Thailand	-	39,876	8,760	-	-	-	48,636
Vietnam	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

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

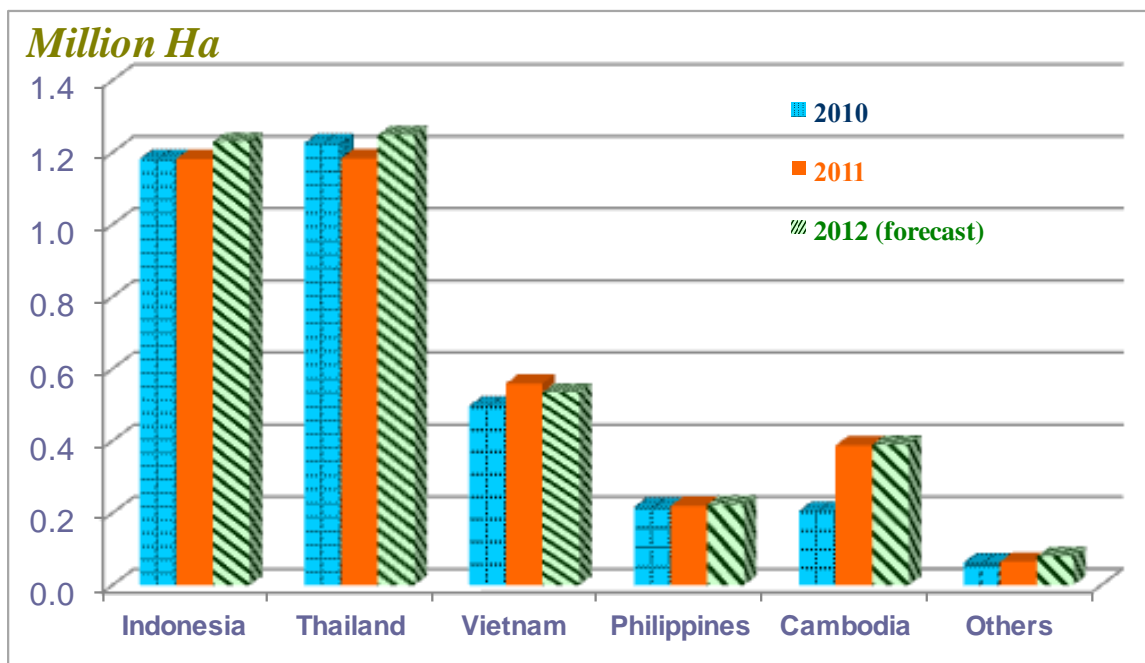


Figure 18 Cassava planted area of selected countries in ASEAN, 2010-2012

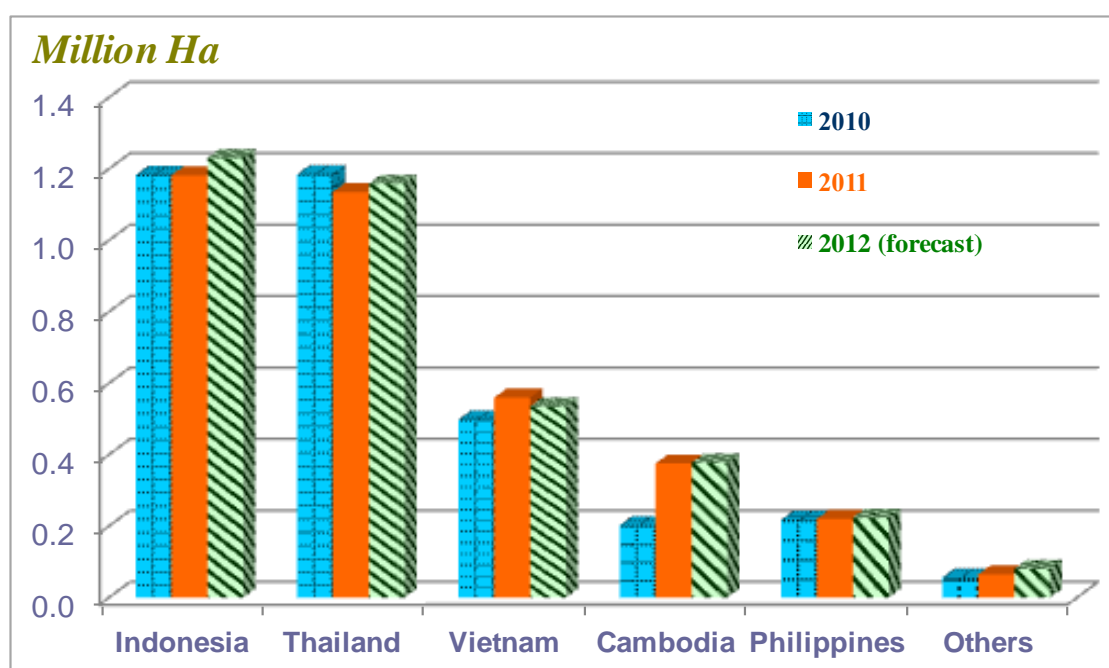


Figure 19 Cassava harvested area of selected countries in ASEAN, 2010-2012

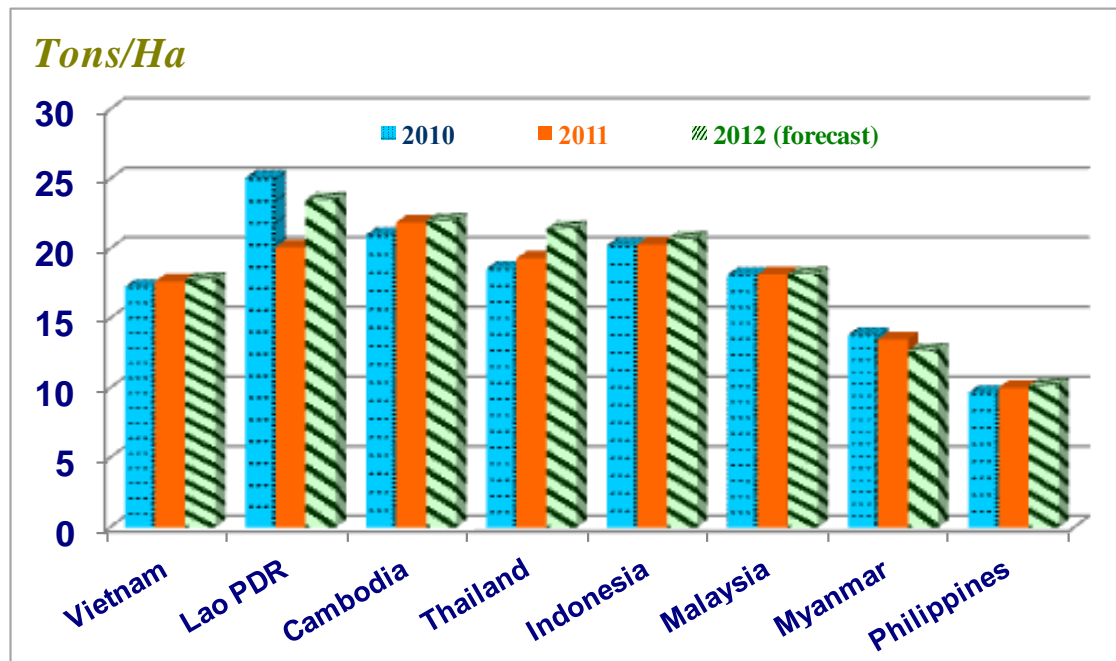


Figure 20 Cassava yield of countries in ASEAN, 2010-2012