

SPECIAL RELEASE

Updates on October-December 2021 Palay and Corn Estimates, 01 November 2021

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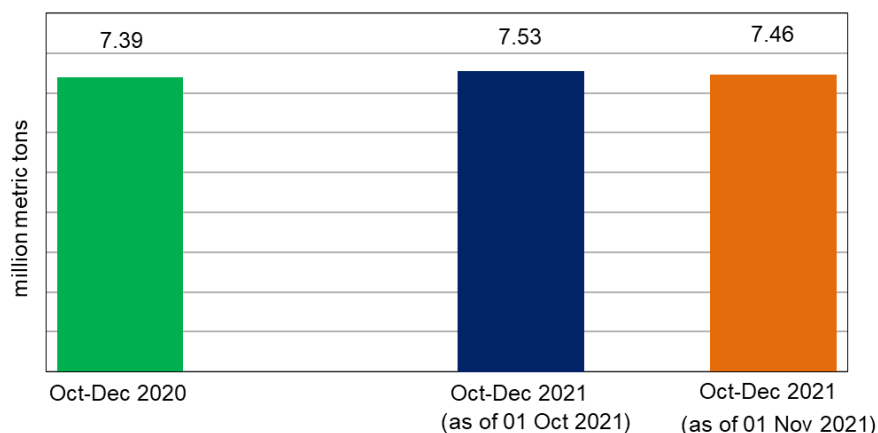
HIGHLIGHTS

Palay and corn production from October to December 2021 may increase based on data on standing crop as 01 November 2021, from the estimated production of palay and corn in the period of October to December 2020.

PALAY

1. The estimated palay production for October to December 2021 may increase to 7.46 million metric tons or by 1.0 percent based on standing crop as of 01 November 2021, from its estimate of 7.39 million metric tons in the period of October to December 2020. The updated estimate of palay production for the period of October to December 2021 as of 01 November 2021 was lower by -0.9 percent from its estimate of 7.53 million metric tons as of 01 October 2021. (Table 1 and Figure 1)

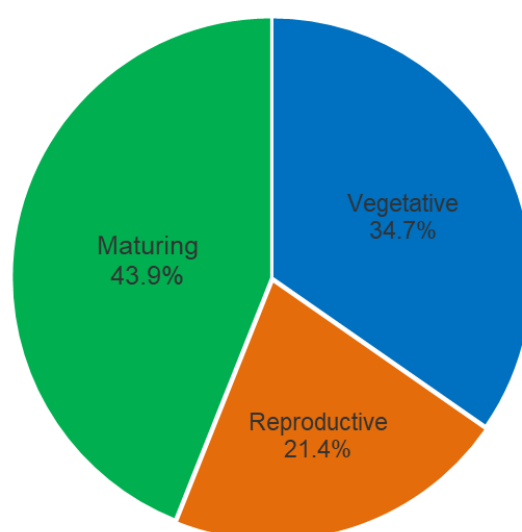
Figure 1. Palay: October-December Crop Production Estimates, 2020-2021



Source: Philippine Statistics Authority, Palay Production Survey (PPS), Monthly Palay and Corn Situation Reporting System (MPCSRs)

2. The estimated harvest area for the period of October to December 2021 may decrease to 1,796.77 thousand hectares or by -0.9 percent, from 1,812.73 thousand hectares in the same period of 2020. Yield per hectare may increase to 4.15 metric tons, from 4.08 metric tons in the same period of the previous year. (Table 1)
3. About 1,028.21 thousand hectares or 57.2 percent of the updated standing crop have been harvested. (Tables 1 and 2)
4. As for the farmer's planting intentions for October to December 2021, 377.48 thousand hectares or 32.1 percent of the perceived area have been actually planted. (Table 3)
5. Of the total area of 1,140.55 thousand hectares of standing crop for January to March 2022 harvest, 34.7 percent were at the vegetative stage, 21.4 percent at the reproductive stage, and 43.9 percent at the maturing stage. (Table 4 and Figure 2)

Figure 2. Palay: Area of Standing Crop by Stage of Development as of 01 November 2021

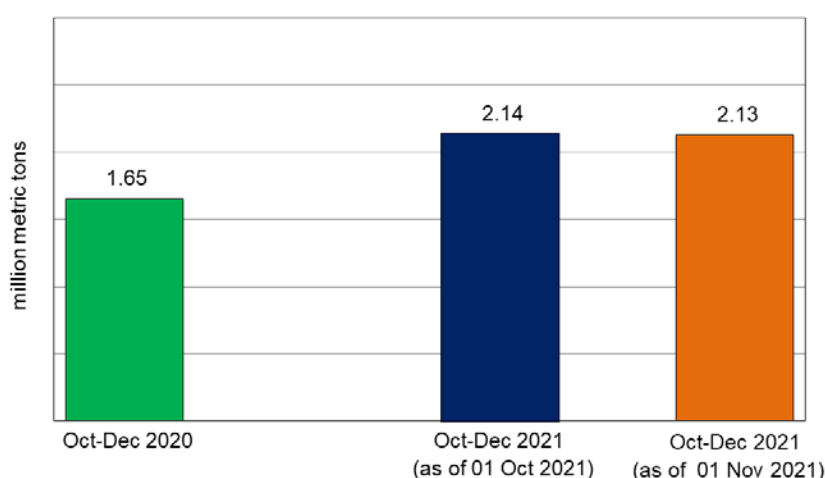


Source: Philippine Statistics Authority, Monthly Palay and Corn Situation Reporting System (MPCSRs)

CORN

1. Based on standing crop as of 01 November 2021, the updated corn production for the period of October to December 2021 may increase to 2.13 million metric tons or by 28.8 percent, from its estimate of 1.65 million metric tons in the same period of 2020. The updated estimate of corn production for the period of October to December 2021 as of 01 November 2021 is lower by -0.5 percent from its estimate of 2.14 million metric tons as of 01 October 2021. (Table 5 and Figure 3)

Figure 3. Corn: October-December Crop Production Estimates, 2020-2021

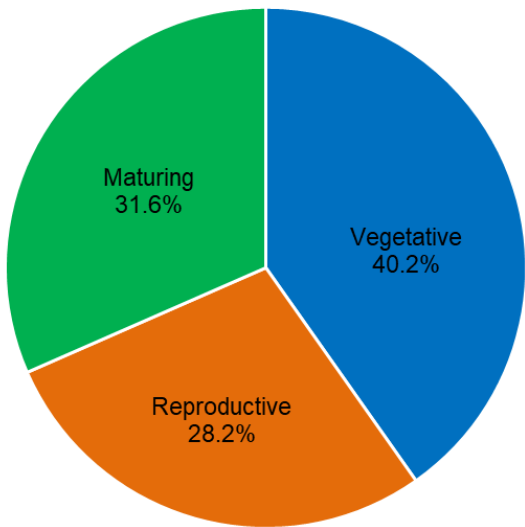


Source: Philippine Statistics Authority, Corn Production Survey (CPS), Monthly Palay and Corn Situation Reporting System (MPCSRS)

2. Harvest area for the period of October to December 2021 may increase to 664.30 thousand hectares, from 561.83 thousand hectares in the same period of 2020. Yield per hectare may increase to 3.20 metric tons from the 2.94 metric tons in the same period of the previous year. (Table 5)
3. About 276.52 thousand hectares or 41.6 percent of the updated standing crop have been harvested. (Tables 5 and 6)
4. Around 227.57 thousand hectares or 33.4 percent of the planting intentions for October to December 2021 have been realized. (Table 7)
5. Of the total area for standing corn, which is to be harvested on January to March 2022, 40.2 percent were at the vegetative stage,

28.2 percent at the reproductive stage, and 31.6 percent at the maturing stage. (Table 8 and Figure 4)

Figure 4. Corn: Area of Standing Crop by Stage of Development as of 01 November 2021



Source: Philippine Statistics Authority, Monthly Palay and Corn Situation Reporting System (MPCSR)

DENNIS S. MAPA, Ph.D.
Undersecretary
National Statistician and Civil Registrar General

Technical Notes

Production refers to the quantity produced and actual harvested/to be harvested palay and corn during the reference period. Harvest area refers to the actual area harvested/to be harvested during the reference period.

Updates on production and harvest area estimates of palay and corn are generated from the Monthly Palay and Corn Situation Reporting System (MPCRSRS). It is a monitoring activity conducted monthly in-between Palay Production Survey (PPS) and Corn Production Survey (CPS) rounds. Monitoring is conducted in February, March, May, June, August, September, and November. MPCRSRS updates the quarterly estimates on production and area for the current quarter based on the PPS and CPS results of the previous survey round.

The data generated from MPCRSRS are as follows:

- 1) Updates on current quarter's production and area estimates based on the standing crop with indications on crop situation; and
- 2) Updates on current quarter's estimates on planting intentions based on actual plantings.

Table 1. Palay: October-December Crop Estimates as of 01 November 2021

ITEM	OCTOBER-DECEMBER				
	2020 Final Estimate	2021 FORECAST		Percent Change	
		Oct 2021 Standing Crop	Updated Standing Crop	Updated/ 2020	Updated/ Oct 2021
PRODUCTION (MT)	7,391,833	7,529,364	7,464,931	1.0	-0.9
Irrigated	5,213,695	5,350,936	5,300,694	1.7	-0.9
Rainfed	2,109,222	2,108,048	2,094,180	-0.7	-0.7
Upland	68,916	70,380	70,057	1.7	-0.5
HARVEST AREA	1,812,732	1,798,582	1,796,774	-0.9	-0.1
Irrigated	1,178,371	1,182,333	1,180,830	0.2	-0.1
Rainfed	601,639	583,377	583,086	-3.1	-0.1
Upland	32,722	32,872	32,858	0.4	b/
YIELD PER HA (MT)	4.08	4.19	4.15	1.7	-1.0
Irrigated	4.42	4.53	4.49	1.6	-0.9
Rainfed	3.51	3.61	3.59	2.3	-0.6
Upland	2.11	2.14	2.13	1.0	-0.5

Note: b/ - less than -0.05 percent decrease

Details may not add up to total due to rounding

Source: Philippines Statistics Authority (PSA), Palay Production Survey (PPS), Monthly Palay and Corn Situation Reporting System (MPCSRs)

Table 2. Palay: Actual Harvested as of 01 November 2021

ITEM	PRODUCTION (MT)	AREA HARVESTED (HA)	YIELD PER HECTARE (MT/HA)
PALAY HARVESTED			
TOTAL	4,377,967	1,028,213	4.26
Irrigated	3,268,125	714,709	4.57
Rainfed	1,077,694	299,589	3.60
Upland	32,148	13,915	2.31

Note: Details may not add up to total due to rounding

Source: Philippines Statistics Authority (PSA), Monthly Palay and Corn Situation Reporting System (MPCSRs)

Table 3. Palay: October-December Plantings (January-March 2022 Harvests) as of 01 November 2021

ITEM	OCT 2021 PLANTING INTENTION	ACTUAL PLANTINGS	PERCENT OF PLANTING INTENTION
PLANTINGS (Ha)			
TOTAL	1,176,321	377,476	32.1
Irrigated	809,494	245,750	30.4
Rainfed	345,672	123,894	35.8
Upland	21,155	7,832	37.0

Note: Details may not add up to total due to rounding

Source: Philippines Statistics Authority (PSA), Palay Production Survey (PPS), Monthly Palay and Corn Situation Reporting System (MPCSRs)

Table 4. Palay: Area of Standing Crop by Stage of Development
(January-March 2022 Harvests) as of 01 November 2021

ITEM	ALL STAGES	VEGETATIVE		REPRODUCTIVE		MATURING	
		Hectare	Percent Share	Hectare	Percent Share	Hectare	Percent Share
AREA OF STANDING CROP							
TOTAL	1,140,554	395,374	34.7	243,837	21.4	501,343	43.9
Irrigated	706,387	257,813	36.5	133,949	19.0	314,625	44.5
Rainfed	407,392	129,696	31.8	103,551	25.4	174,145	42.8
Upland	26,775	7,865	29.4	6,337	23.7	12,573	46.9

Note: Area of Standing Crops includes Standing Crop not harvested in July-September 2021 and Actual Plantings for October-December 2021 Harvests
Details may not add up to total due to rounding

Source: Philippines Statistics Authority (PSA), Monthly Palay and Corn Situation Reporting System (MPCSRs)

Table 5. Corn: October-December Crop Estimates as of 01 November 2021

ITEM	OCTOBER-DECEMBER				
	2020 Final Estimate	2021 FORECAST		Percent Change	
		Oct 2021 Standing Crop	Updated Standing Crop	Updated/ 2020	Updated/ Oct 2021
PRODUCTION (MT)	1,652,567	2,138,304	2,128,193	28.8	-0.5
White	490,390	572,271	571,371	16.5	-0.2
Yellow	1,162,177	1,566,033	1,556,822	34.0	-0.6
HARVEST AREA (Ha)	561,825	664,332	664,297	18.2	b/
White	269,553	285,685	285,649	6.0	b/
Yellow	292,272	378,648	378,648	29.6	a/
YIELD PER HA (MT)	2.94	3.22	3.20	8.8	-0.6
White	1.82	2.00	2.00	9.9	a/
Yellow	3.98	4.14	4.11	3.3	-0.7

Note: a/ - less than 0.05 percent increase

b/ - less than -0.05 percent decrease

Details may not add up to total due to rounding

Source: Philippines Statistics Authority (PSA), Corn Production Survey (CPS), Monthly Palay and Corn Situation Reporting System (MPCSRs)

Table 6. Corn: Actual Harvested as of 01 November 2021

ITEM	PRODUCTION (MT)	AREA HARVESTED (HA)	YIELD PER HECTARE (MT/HA)
CORN HARVESTED			
TOTAL	915,592	276,516	3.31
White	203,665	99,385	2.05
Yellow	711,927	177,131	4.02

Note: Details may not add up to total due to rounding

Source: Philippines Statistics Authority (PSA), Monthly Palay and Corn Situation Reporting System (MPCSRs)

Table 7. Corn: October-December Plantings (January-March 2022 Harvests)
as of 01 November 2021

ITEM	OCT 2021 PLANTING INTENTION	ACTUAL PLANTINGS	PERCENT OF PLANTING INTENTION
PLANTINGS (Ha)			
TOTAL	681,185	227,569	33.4
White	248,271	113,911	45.9
Yellow	432,914	113,658	26.3

Note: Details may not add up to total due to rounding

Source: Philippines Statistics Authority (PSA), Corn Production Survey (CPS), Monthly Palay and Corn Situation Reporting System (MPCSRs)

Table 8. Corn: Area of Standing Crop by Stage of Development
(January-March 2022 Harvests) as of 01 November 2021

ITEM	ALL STAGES	VEGETATIVE		REPRODUCTIVE		MATURING	
		Hectare	Percent Share	Hectare	Percent Share	Hectare	Percent Share
AREA OF STANDING CROP							
TOTAL	608,003	244,591	40.2	171,440	28.2	191,972	31.6
White	292,678	113,901	38.9	78,748	26.9	100,029	34.2
Yellow	315,325	130,690	41.4	92,692	29.4	91,943	29.2

Note: Area of Standing Crops includes Standing Crop not harvested in July-September 2021 and Actual Plantings for October-December 2021 Harvests

Details may not add up to total due to rounding off

Source: Philippines Statistics Authority (PSA), Monthly Palay and Corn Situation Reporting System (MPCSRs)