



# SPECIAL RELEASE

Issue No. 5, Series of 2017

February 2017

## REGION I'S PALAY AND CORN PRODUCTION DROP IN 4<sup>th</sup> QUARTER 2016

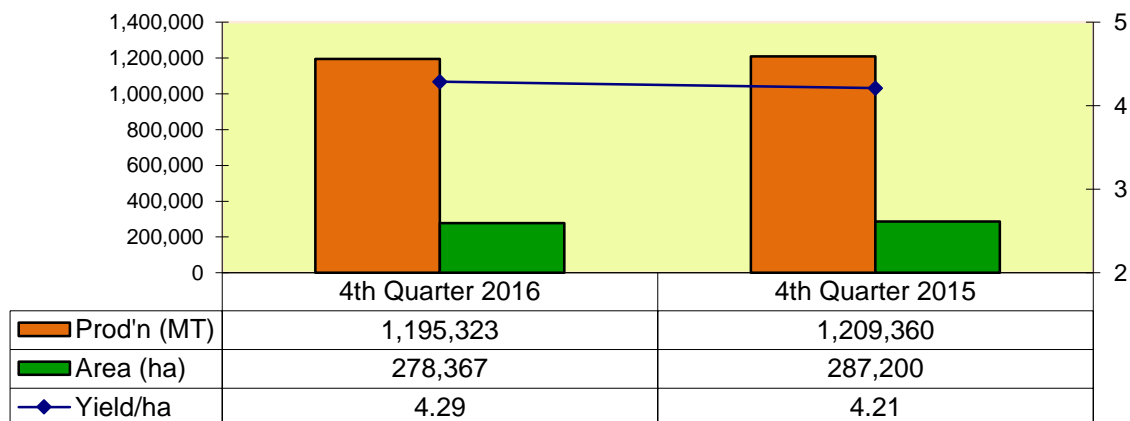
(Results from the Palay and Corn Production Survey, January 2017 Round)

Palay and corn production in Region I posted lower output in 4<sup>th</sup> quarter 2016 as compared to its respective levels in 4<sup>th</sup> quarter 2015.

### Palay

The overall palay production of Region I in 4<sup>th</sup> quarter 2016 decreased by 1.2 percent. From 1,209,360 metric tons production in the same period of 2015, it went down to 1,195,323 metric tons in 4<sup>th</sup> quarter 2016. All provinces, except La Union, posted lower production. Lesser harvest area of palay in the region was noted during the said period.

Figure 1. Palay Production Estimates: 4<sup>th</sup> Quarter 2016 and 4<sup>th</sup> Quarter 2015, Region I



Source: Palay and Corn Production Survey, January 2017 Round, PSA

Table 1. Palay Production Estimates by Province, Region I, 4<sup>th</sup> Quarter 2016 and 4<sup>th</sup> Quarter 2015

ITEM	4th Quarter		% Change
	2016	2015	
<b>PRODUCTION (MT)</b>			
<b>Region I</b>	<b>1,195,323</b>	<b>1,209,360</b>	<b>(1.2)</b>
Ilocos Norte	205,438	209,071	(1.7)
Ilocos Sur	162,346	172,578	(5.9)
La Union	129,544	127,003	2.0
Pangasinan	697,995	700,708	(0.4)
<b>AREA HRVSTD (Ha)</b>			
<b>Region I</b>	<b>278,367</b>	<b>287,200</b>	<b>(3.1)</b>
Ilocos Norte	44,209	44,160	0.1
Ilocos Sur	37,598	39,551	(4.9)
La Union	28,243	28,098	0.5
Pangasinan	168,317	175,391	(4.0)
<b>YIELD/HECTARE</b>			
<b>Region I</b>	<b>4.29</b>	<b>4.21</b>	<b>2.0</b>
Ilocos Norte	4.65	4.73	(1.8)
Ilocos Sur	4.32	4.36	(1.0)
La Union	4.59	4.52	1.5
Pangasinan	4.15	4.00	3.8

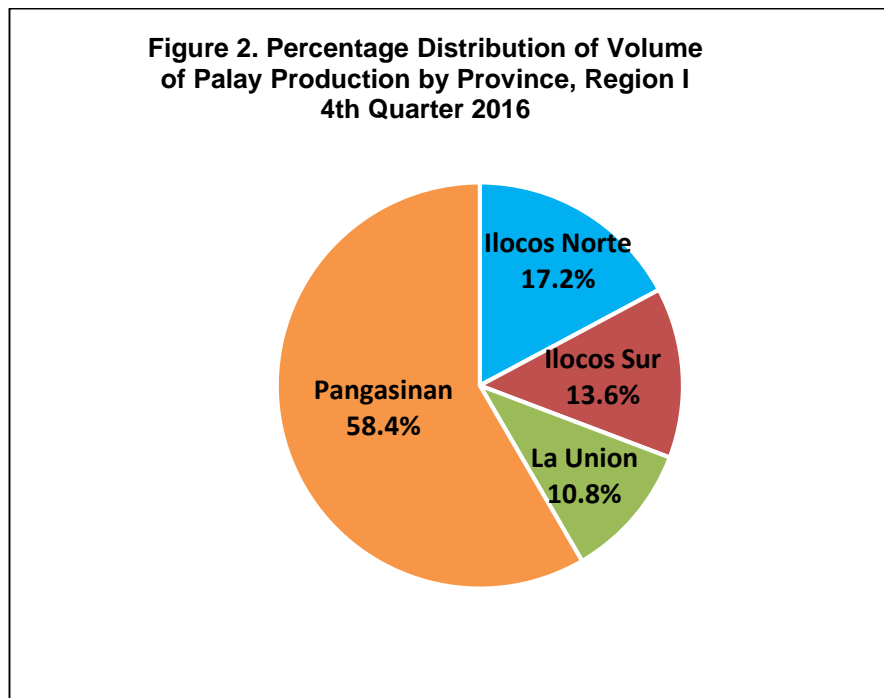
Source: Palay and Corn Production Survey, January 2017 Round, PSA

The province of Pangasinan shared 58.4 percent to the total palay production in Region I in 4<sup>th</sup> quarter 2016. Its production went down from 700,708 metric tons in 4<sup>th</sup> quarter 2015 to 697,995 in 4<sup>th</sup> quarter 2016. Some plantings in irrigated areas were already harvested in the 3<sup>rd</sup> quarter of 2016. Also, higher water level in low lying areas along the Agno River did not allow plantings. Thus, total harvest of the province decreased by 4.0 percent from 175,391 hectares to 168,317 hectares. Meanwhile, the overall yield per hectare improved from 4.00 metric tons in 4<sup>th</sup> quarter 2015 to 4.15 metric tons in 4<sup>th</sup> quarter 2016.

The province of Ilocos Norte, which ranked second in terms of volume of production in 4<sup>th</sup> quarter 2016, also registered decline in output from 209,071 metric tons in 4<sup>th</sup> quarter 2015 to 205,438 metric tons in 4<sup>th</sup> quarter 2016. Although its harvest area expanded by 0.1 percent, overall yield per hectare went down from 4.73 metric tons to 4.65 metric tons which was due to the effect of Typhoon Lawin in October 2016.

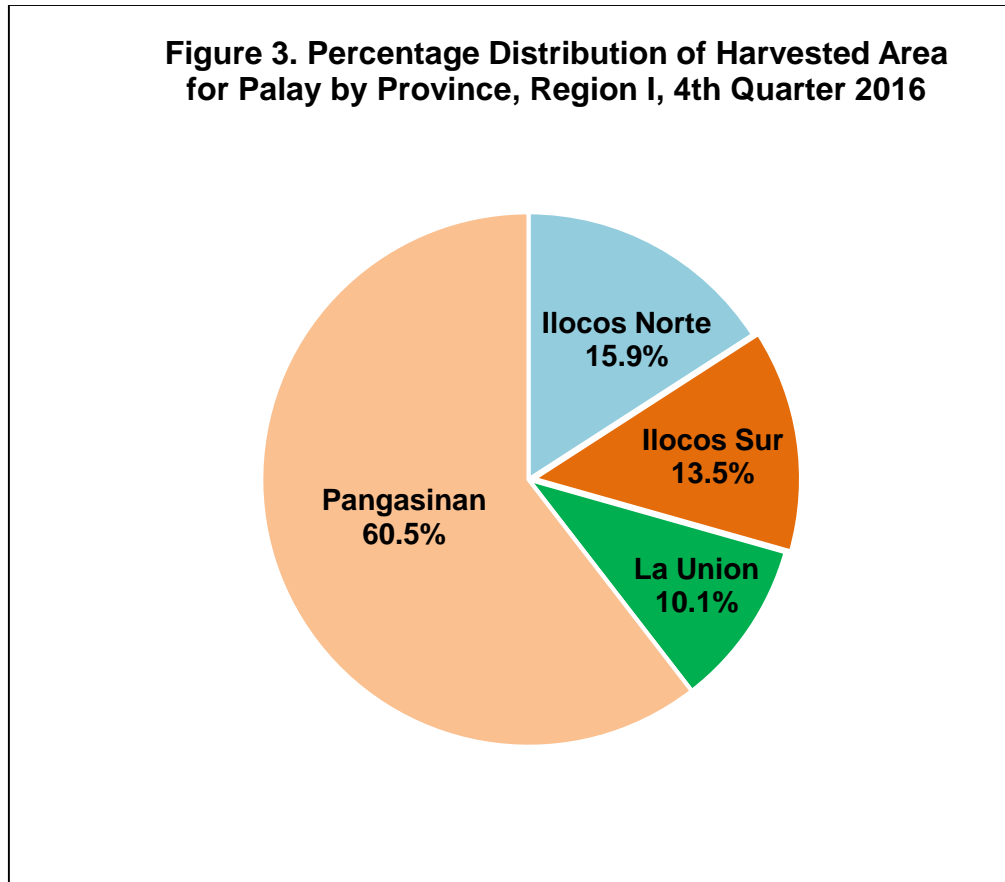
Palay production in the province of Ilocos Sur also declined by 5.9 percent in 4<sup>th</sup> quarter 2016. From its level of production of 172,578 metric tons in 4<sup>th</sup> quarter 2015, it went down to 162,346 metric tons in 4<sup>th</sup> quarter 2016. Some plantings in irrigated and rainfed areas were totally damaged during the occurrence of Typhoon Lawin in October 2016. The overall yield per hectare of the province also decreased from 4.36 metric tons to 4.32 metric tons.

Among the provinces of Region I, only La Union posted positive palay production in 4<sup>th</sup> quarter 2016. From 127,003 metric tons production in the same period of 2015, it grew to 129,544 metric tons in 4<sup>th</sup> quarter 2016. Total harvest area of the province expanded from 28,098 hectares in 4<sup>th</sup> quarter 2015 to 28,243 hectares in 4<sup>th</sup> quarter 2016 due to the rehabilitation of irrigation systems, and more plantings from land in fallow. Overall yield per hectare also improved from 4.52 metric tons to 4.59 metric tons.



Source: Palay and Corn Production Survey, January 2017 Round, PSA

In terms of area harvested, the province of Pangasinan has the largest, with 60.5 percent share. It was followed by Ilocos Norte with 15.9 percent, Ilocos Sur with 13.5 percent, and La Union with 10.14 percent.

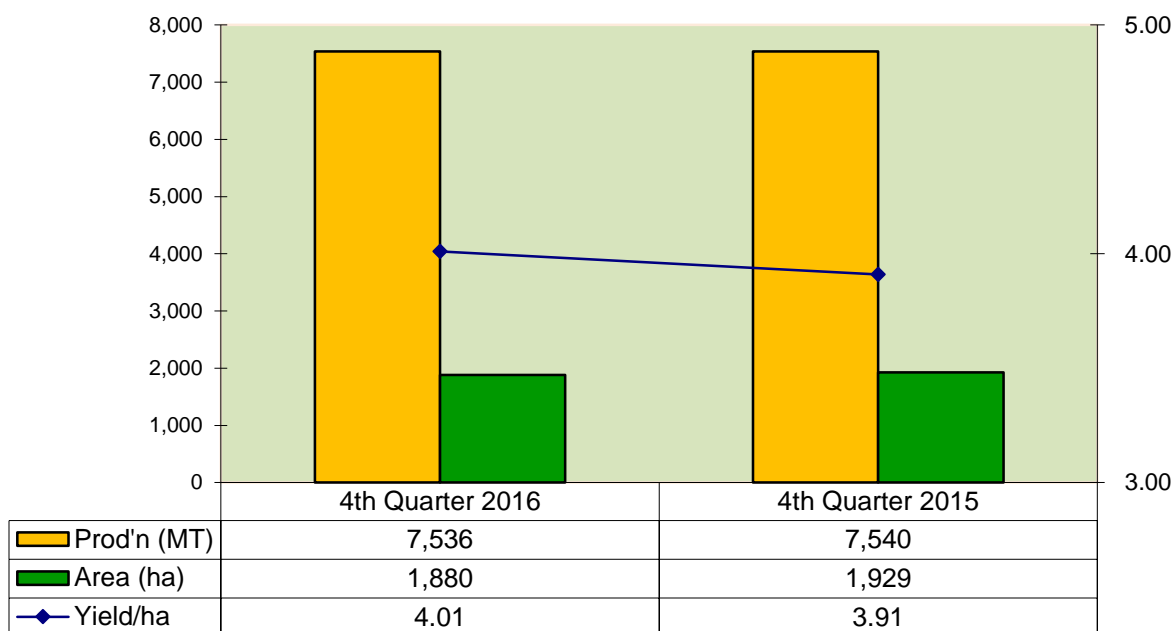


Source: Palay and Corn Production Survey, January 2017 Round, PSA

### **Corn**

Corn production in Region I in 4<sup>th</sup> quarter 2016 was posted at 7,536 metric tons. This is 0.1 percent lower than its output in 4<sup>th</sup> quarter 2015. The overall harvest area decreased by 2.5 percent from 1,929 hectares to 1,880 hectares contributed by Ilocos Sur, La Union, and Pangasinan. However, the yield, in metric ton per hectare, improved from 3.91 to 4.01.

**Figure 4. Corn Production Estimates: 4<sup>th</sup> Quarter 2016 and 4<sup>th</sup> Quarter 2015, Region I**



Source: Source: Palay and Corn Production Survey, January 2017 Round, PSA

In 4<sup>th</sup> quarter 2016, the province of Ilocos Norte shared the bulk of corn harvest, with a share of 33.5 percent to the total corn production in Region I. Only Ilocos Norte posted positive growth in production among the provinces in the region. Its production was registered at 2,526 metric tons, 41.7 percent higher than its output in 4<sup>th</sup> quarter 2015. The overall harvest area of the province expanded from 422 hectares to 576 hectares due to the movement of harvest from 3<sup>rd</sup> quarter 2016 and increased demand. The overall yield per hectare also improved from 4.23 metric tons to 4.39 metric tons due to favourable rains, and higher utilization of high yielding varieties.

The province of Ilocos Sur, which ranked second in terms of volume of production, posted lower output of 2,421 metric tons in 4<sup>th</sup> quarter 2016 as compared to 2,615 metric tons registered in 4<sup>th</sup> quarter 2015. Lesser plantings of white corn was observed due to shifting to vegetables like eggplant, mongo and peanut. Some areas planted with yellow corn were damaged during the occurrence of Typhoon Lawin. The overall yield of the province also declined from 3.85 metric tons per hectare to 3.68 metric tons per hectare.

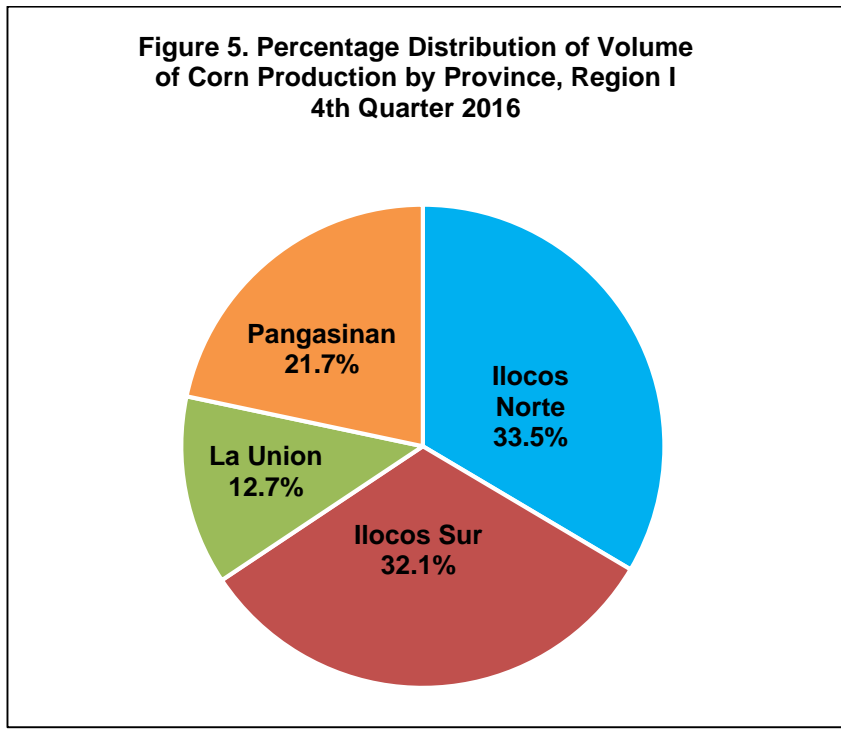
**Table 2. Corn Production Estimates by Province, Region I, 4<sup>th</sup> Quarter 2016 and 4<sup>th</sup> Quarter 2015**

ITEM	4th Quarter		% Change
	2016	2015	
<b>PRODUCTION (MT)</b>			
<b>Region I</b>	<b>7,536</b>	<b>7,540</b>	<b>(0.1)</b>
Ilocos Norte	2,526	1,783	41.7
Ilocos Sur	2,421	2,615	(7.4)
La Union	955	1,308	(27.0)
Pangasinan	1,634	1,834	(10.9)
<b>AREA HRVSTD (Ha)</b>			
<b>Region I</b>	<b>1,880</b>	<b>1,929</b>	<b>(2.5)</b>
Ilocos Norte	576	422	36.5
Ilocos Sur	658	679	(3.1)
La Union	276	378	(27.0)
Pangasinan	370	450	(17.8)
<b>YIELD/HECTARE</b>			
<b>Region I</b>	<b>4.01</b>	<b>3.91</b>	<b>2.6</b>
Ilocos Norte	4.39	4.23	3.8
Ilocos Sur	3.68	3.85	(4.5)
La Union	3.46	3.46	(0.0)
Pangasinan	4.42	4.08	8.4

Source: Palay and Corn Production Survey, January 2017 Round, PSA

Corn production of Pangasinan went down from 1,834 metric tons in 4<sup>th</sup> quarter 2015 to 1,634 metric tons in 4<sup>th</sup> quarter 2016. Total corn area harvested during the period decreased by 17.8 percent as some areas were not planted due to high water level during the planting schedule. On the other hand, overall yield per hectare of the province improved from 4.08 metric tons to 4.42 metric tons due to higher utilization of hybrid varieties.

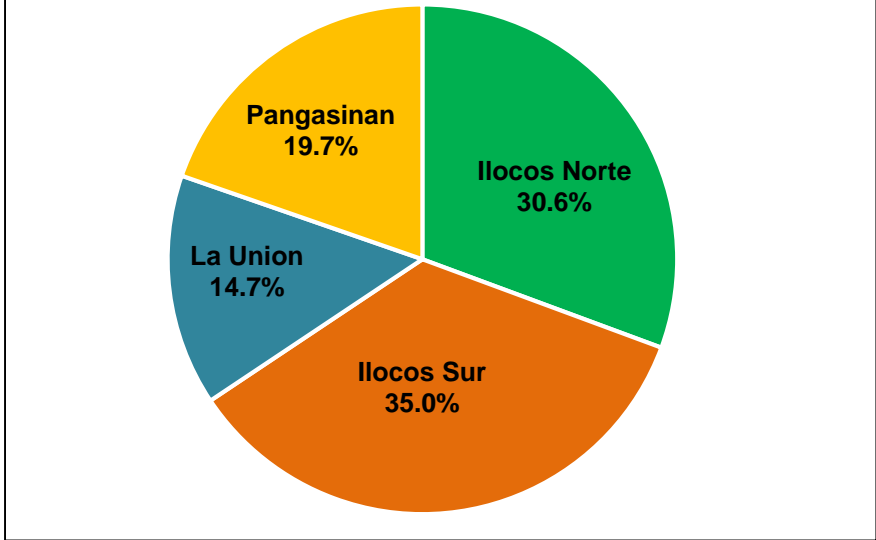
The province of La Union also registered negative growth in output in 4<sup>th</sup> quarter 2016. From 1,308 metric tons volume of production in 4<sup>th</sup> quarter 2015, it went down to 955 metric tons in 4<sup>th</sup> quarter 2016. The harvest area of the province, planted only with white corn, decreased from 378 hectares to 276 hectares due to late plantings as a result of prolonged monsoon rains.



Source: Palay and Corn Production Survey, January 2017 Round, PSA

In terms of harvest area of corn, the province of Ilocos Sur has the largest in 4<sup>th</sup> quarter 2016. It shared 35.0 percent to the total harvest area of Region I. It was followed by Ilocos Norte with 30.6 percent, Pangasinan with 19.7 percent, and La Union with 14.7 percent.

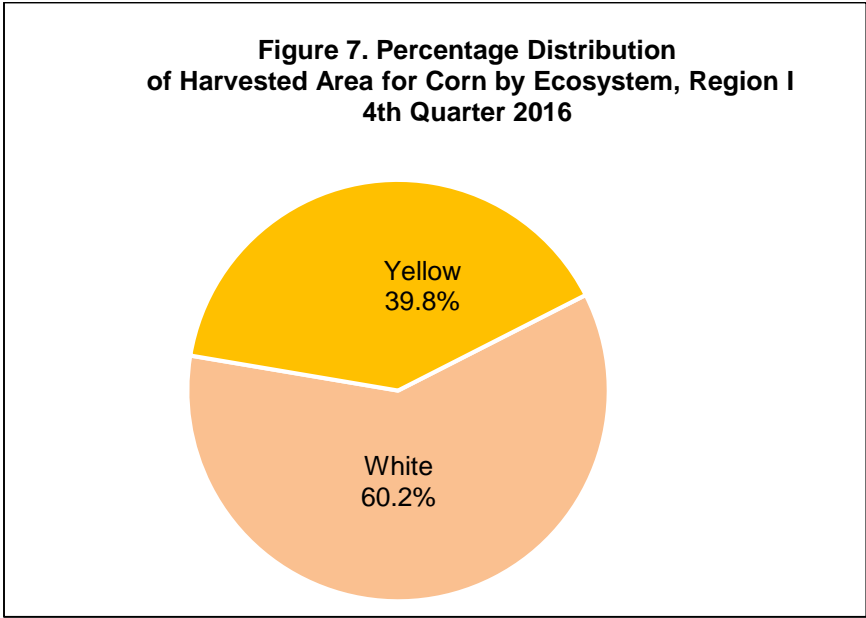
**Figure 6. Corn: Percentage Distribution of Harvested Area for Corn by Province, Region I 4th Quarter 2016**



Source: Palay and Corn Production Survey, January 2017 Round, PSA

Meanwhile, corn areas of the region were planted with 60.2 percent of white corn, while the rest were planted with yellow corn in 4<sup>th</sup> quarter 2016.

**Figure 7. Percentage Distribution of Harvested Area for Corn by Ecosystem, Region I 4th Quarter 2016**



Source: Palay and Corn Production Survey, January 2017 Round, PSA



## TECHNICAL NOTES

- The Palay and Corn Production Survey (PCPS) covers sample farming households in sample barangays in all provinces. Starting this 2016, Negros Occidental and Negros Oriental are included in Negros Island Region (NIR). The PCPS is conducted quarterly with the quarters as the reference periods, as follows:

April Round Survey - January to March

July Round Survey - April to June

October Round Survey - July to September

January Round Survey - October to December

- The objective of the survey is to generate estimates and forecasts on palay/corn area, production and yield.
- The purpose of this survey is to provide data inputs for policies and programs on rice and corn.

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