



REPUBLIC OF THE PHILIPPINES

PHILIPPINE STATISTICS AUTHORITY

DAVAO DE ORO (FORMERLY COMPOSTELA VALLEY)

SPECIAL RELEASE

PALAY AND CORN SITUATION IN DAVAO DE ORO

October-December 2019-2020

Date of Release: May 27, 2021

Reference No.: SR-211182-001

Palay: Volume of production increased by 7.43 percent in the 4th quarter of 2020 as compared to the 4th quarter of 2019.

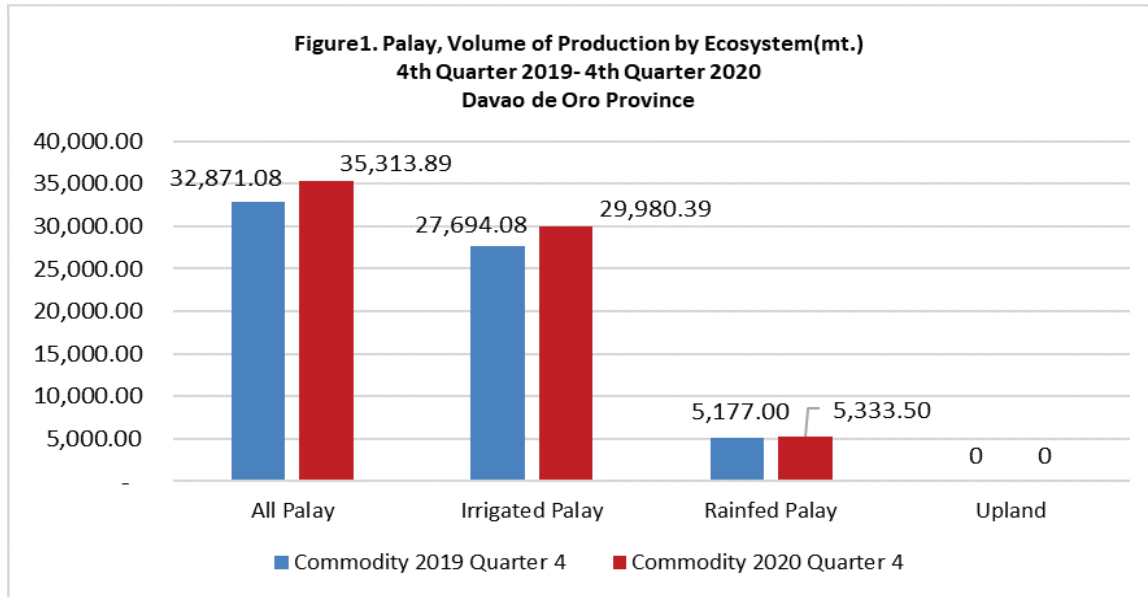
Palay production in Davao de Oro for the 4th quarter of 2020 estimated at 35,313.89 metric tons as compared to 32,871.08 mt last 2019. The improvement is attributed to the increase in area harvested (movement of cropping pattern from 4rd quarter 2019 to 4th quarter 2020) high yielding seed assistance from DA/LGU.

By type of ecosystem, production of irrigated palay posted 29,980.39 mt, an increase of 8.26% as compared to last year's production of 27,694.08 mt. Rainfed palay production posted around 5,333.50 mt, an increase of 3.02% compared to last year estimated production of around 5,177.00 mt. No monitored production for upland area for the fourth quarter of 2019 and 2020.

Table A. Palay, Volume of Production by Ecosystem (in metric tons)
4th Quarter 2019 – 4th Quarter 2020
Davao de Oro Province

Commodity	2019	2020
	October-December	October-December
All Palay	32,871.08	35,313.89
Irrigated Palay	27,694.08	29,980.39
Rainfed Palay	5,177.00	5,333.50
Upland	0.00	0.00





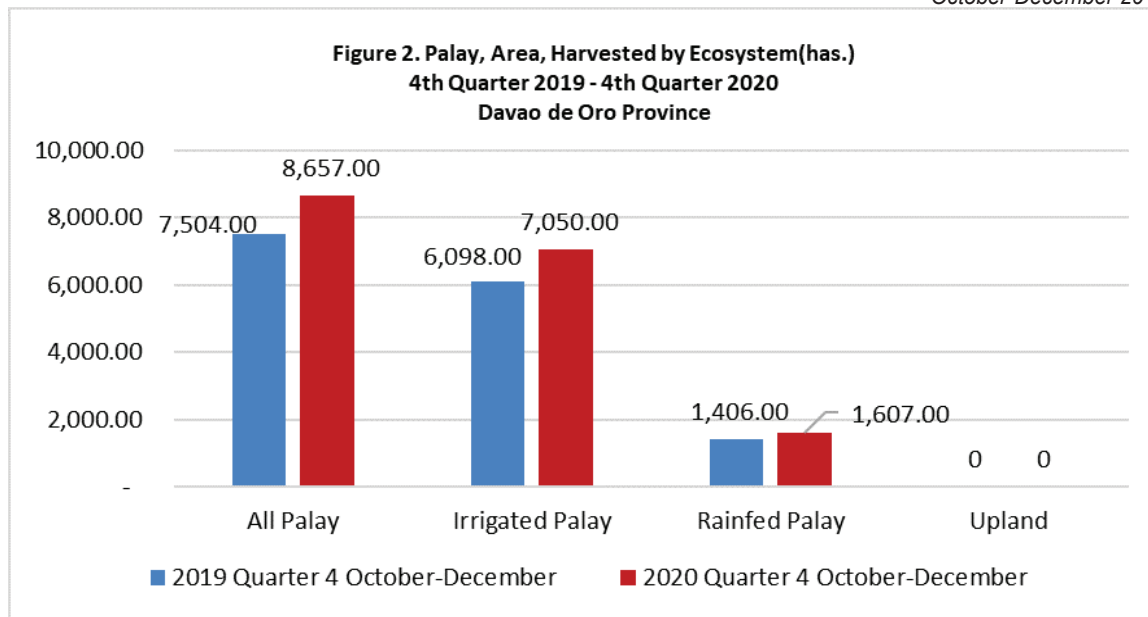
Palay: Area harvested increases by 15.37 percent in the 4th quarter of 2020 as compared to 4th quarter of 2019.

Total area harvested of palay in Davao de Oro for the 4th quarter 2019 reach up to 8,657.00 hectares, an increase of 15.37 percent as compared to 6,098.00 hectares of the same period last year. Increased in area is due to movement of harvesting from 4rd quarter 2019 to 4th quarter 2020 associated with more seed assistance and subsidy from DA/LGU.

Area of irrigated palay posted an increase of 15.61% or equivalent to 952 hectares, while rainfed palay increases by 14.30% or an additional of 201 hectares. Meanwhile, no data captured on upland palay for both 4th quarter of 2019 and 2020.

Table B. Palay, Area Harvested by Ecosystem (in hectares)
 4th Quarter 2019 – 4th Quarter 2020
 Davao de Oro Province

Commodity	2019	2020
	October-December	October-December
All Palay	7,504.00	8,657.00
Irrigated Palay	6,098.00	7,050.00
Rainfed Palay	1,406.00	1,607.00
Upland	0.00	0.00

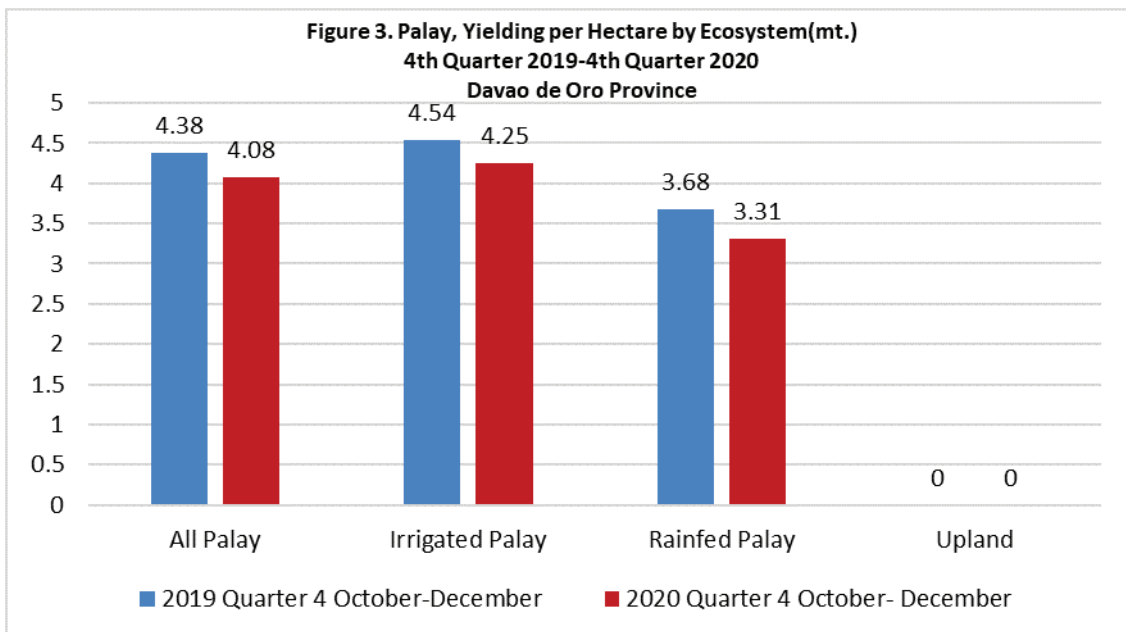


Palay: Yield per hectare decreased by 6.85 percent in the 4th quarter of 2020 as compared to 4th quarter of 2019.

Yield of palay per hectare in Davao de Oro decreases by 6.85 percent in the 4th quarter 2020 as compared to same period last year. From 4th quarter 2019 record of 4.38 mt to 4.08 mt for 2020. The decreased in yield is attributed to the presence of neck rot, stemborers and rice birds.

Table C. Palay, Yield per Hectare by Ecosystem (in metric tons)
 4th Quarter 2019 – 4th Quarter 2020
 Davao de Oro Province

Commodity	2019	2020
	October-December	October- December
All Palay	4.38	4.08
Irrigated Palay	4.54	4.25
Rainfed Palay	3.68	3.31
Upland	0.00	0.00



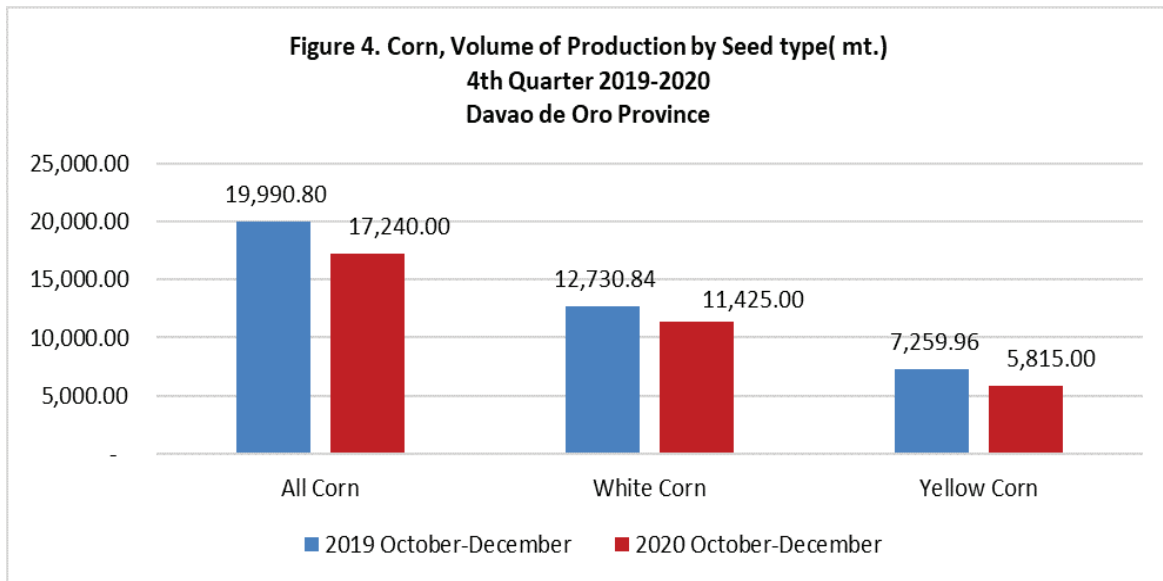
Corn: Volume of production decreased by 13.76 percent in the 4th quarter of 2020 as compared to 4th quarter of 2019.

Corn production in Davao de Oro for the 4th quarter of 2020 was 17,240 metric tons as compared to 19,990.80 metric tons of the same quarter of 2019, decreased by 2,750.8 metric tons.

The decrease in production is attributed to some areas that are affected during rains. By corn type, white corn posted a decrease of 10.26 percent compared to 2019 production and yellow corn with 19.90 percent decrease compared to 4th quarter 2019 production.

Table D. Corn, Volume of Production by Seed type (in metric tons)
 4th Quarter 2018 – 4th Quarter 2019
 Davao de Oro Province

Commodity	2019	2020
	October-December	October-December
All Corn	19,990.80	17,240.00
White Corn	12,730.84	11,425.00
Yellow Corn	7,259.96	5,815.00



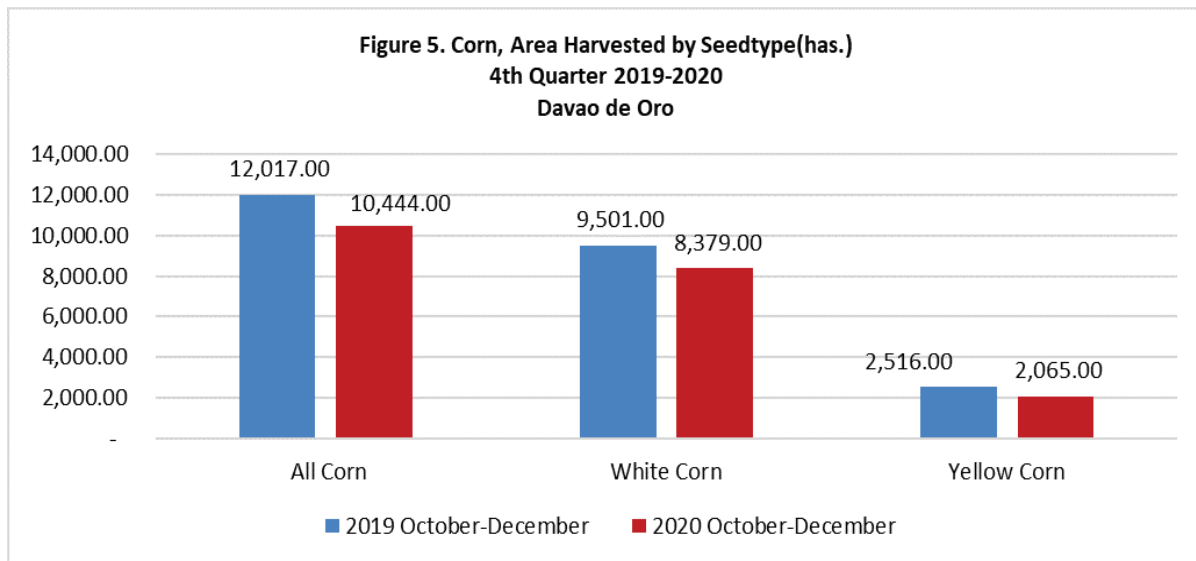
Corn: Area harvested decreases by 13.09 percent in the 4th quarter of 2020 as compared to 4th quarter of 2019.

Corn harvest area in Davao de Oro decreased by 13.09 percent or equivalent to 1,573 hectares in the 4th quarter of 2020 as compared to the same period of 2019. The decrease in area is attributed to the movement of planting/harvesting pattern from 4th quarter 2019 to 4th quarter 2020.

Area of white corn posted a decrease of 1,122 hectares or 11.81 percent decrease compare to 4th quarter 2019. Yellow corn on the other hand, decreased by 451 hectares or equivalent of 17.93 percent decrease.

Table E. Corn, Area Harvested by Seed type (in hectares)
 4th Quarter 2019 – 4th Quarter 2020
 Davao de Oro Province

Commodity	2019	2020
	October-December	October-December
All Corn	12,017.00	10,444.00
White Corn	9,501.00	8,379.00
Yellow Corn	2,516.00	2,065.00

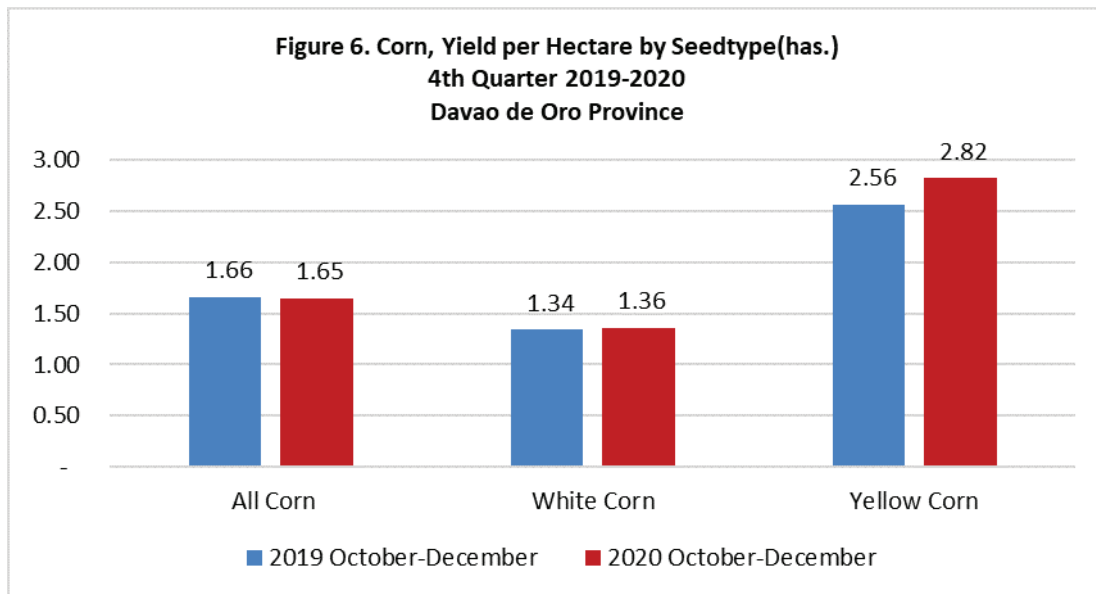


Corn: Yield per hectare decreased by 11.70 percent in the 4th quarter of 2020 as compared to 4th quarter of 2019.

Corn yield per hectare in Davao de Oro decreases by 0.60 percent in 4th quarter 2020 as compared to same period last year. The decreased in yield is attributed to the presence of rats, corn borers and affected by rain during vegetative stage.

Table F. Corn, Yield per Hectare by Seed type (in metric tons)
4th Quarter 2018 – 4th Quarter 2019
Davao de Oro Province

Commodity	2019	2020
	October-December	October-December
All Corn	1.66	1.65
White Corn	1.34	1.36
Yellow Corn	2.56	2.82



Technical Notes:

Palay Production Survey and Corn Production Survey (PPS and CPS) are some of the major agricultural surveys conducted by the Philippine Statistics Authority (PSA). These generates, estimates, and forecast on palay and corn production area and yield and other production-related data that serve as inputs for policy making and programs on palay/rice.

These are quarterly surveys which cover sample (of) farming households in sample barangays in all provinces except Batanes and includes Zamboanga and Davao City. Data item gathered on this survey includes (covers the) production, area planted/harvested and yield by ecosystem and seed type; usage of seeds, fertilizer and pesticides, source of irrigation water and adequacy, monthly distribution of production and area harvested, farm household disposition of production, area with standing crops, farmers planting intention for the quarter, awareness, availment of palay and corn program interventions.

Production refers to the quantity produced and actually harvested for the particular crop during the reference period. For palay and corn, harvest area refers to the actual area harvested during the reference quarter.

Area harvested refers to actual area from which harvest are realized.

Yield is an indicator of productivity derived by dividing total production by the area harvested.

Approved for Release:

ABRAHAM ENRICO E. GULAY, JR.
Chief Statistical Specialist