



# SPECIAL RELEASE

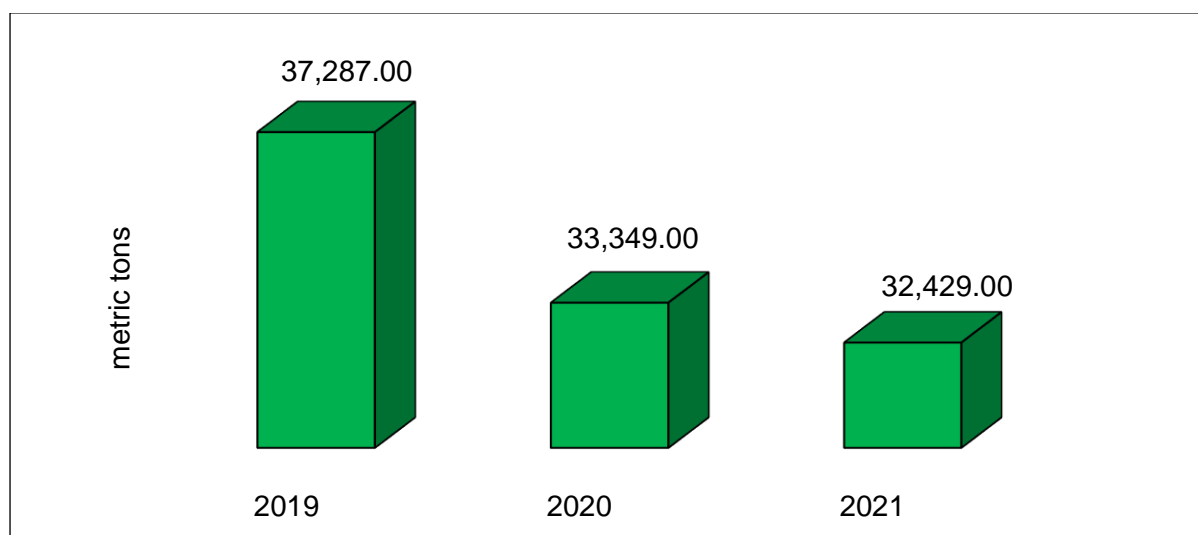
## Palay Situation of Apayao Province Cordillera Administrative Region October-December: 2019-2021

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### Production

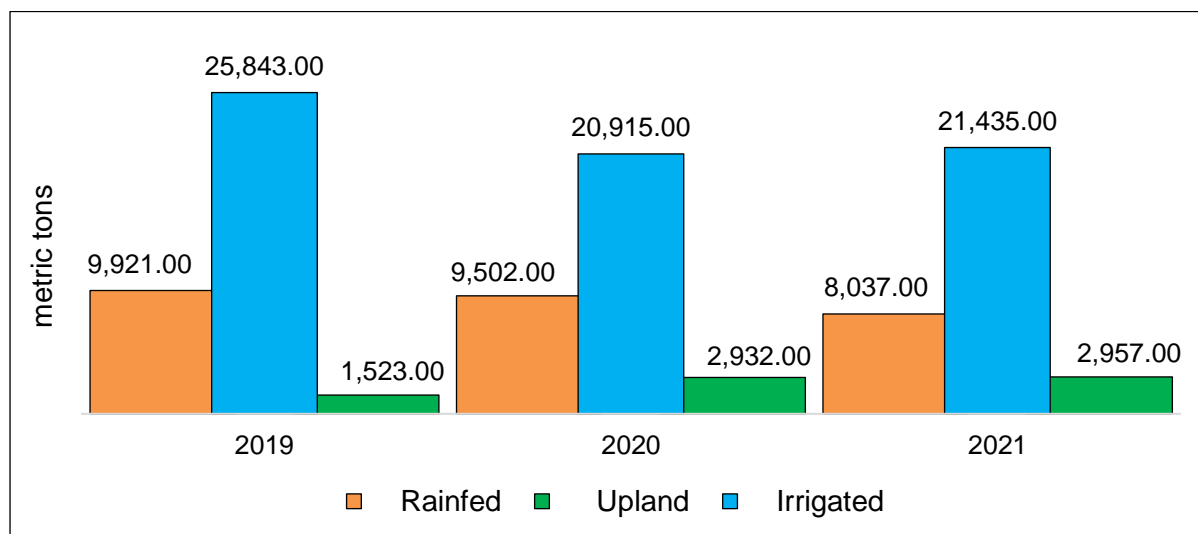
Palay production for October-December 2021 at 32,429 metric tons, decreased by 2.8 percent from the 33,349 metric tons output in the same period of 2020. It registered the lowest during the same period from 2019 to 2021. (Figure 1 and Table 1)

Figure 1. Palay Production, Apayao Province, Cordillera Administrative Region, October-December: 2019-2021



Source: Philippine Statistics Authority, Palay Production Survey (PPS)

Figure 2. Palay Production by Ecosystem, Apayao Province, Cordillera Administrative Region, October-December: 2019-2021

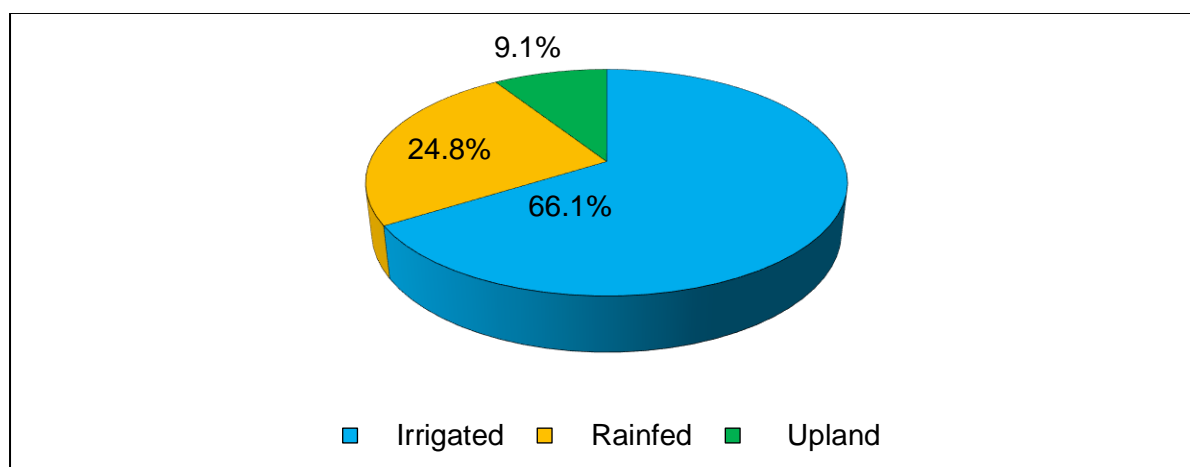


Source: Philippine Statistics Authority, Palay Production Survey (PPS)

The bulk of palay production consistently came from irrigated areas for the fourth quarter from 2019-2021. An increase of 520 metric tons or 2.5 percent was registered from the 20,915 metric tons level in 2020. Likewise, upland palay production increased to 2,957 metric tons or 0.9 percent. Conversely, production from rainfed declined by 1,465 metric tons or 15.4 percent from previous year's record of 9,502 metric tons. (Figure 2 and Table 1)

About two-third of the production was produced from irrigated areas, while the remaining one-third came from both rainfed and upland areas. (Figure 3 and Table 2)

Figure 3. Percent Distribution of Palay Production by Ecosystem Apayao Province, Cordillera Administrative Region, July to September 2021

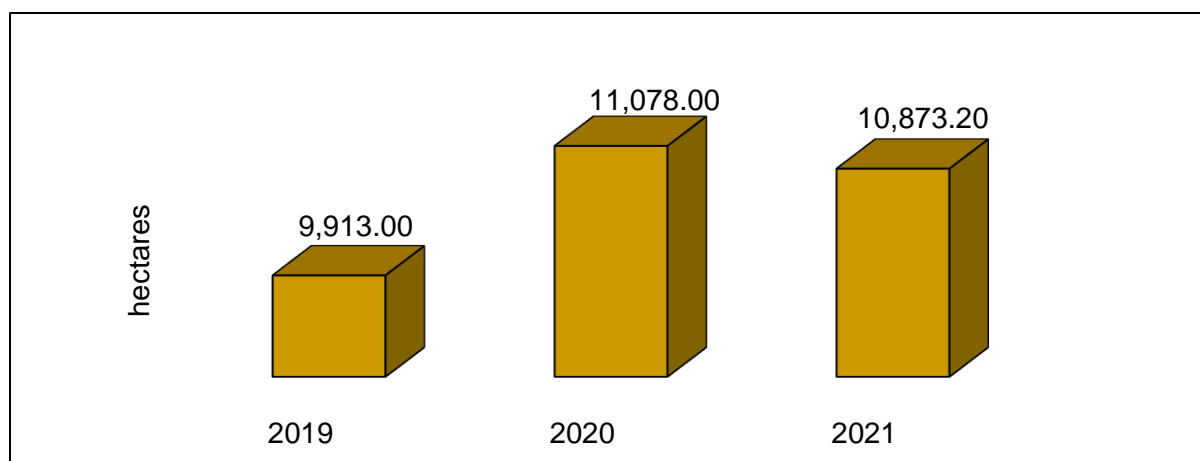


Source: Philippine Statistics Authority, Palay Production Survey (PPS)

## Harvest Area

During the 2021 fourth quarter, harvest area contracted to 10,873.20 hectares or by 7.4 percent from the 2020 level of 11,078.00 hectares. (Figure 4 and Table 1)

Figure 4. Palay Area, Apayao Province, Cordillera Administrative Region, October-December: 2019-2021



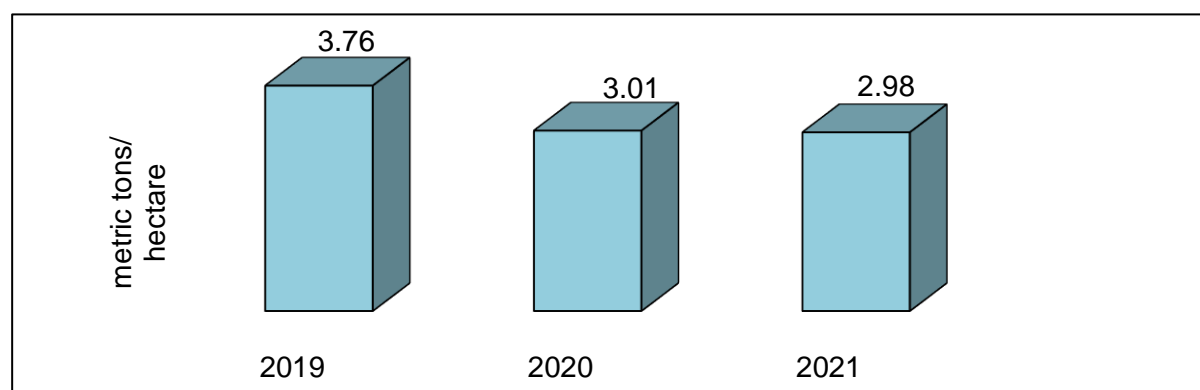
Source: Philippine Statistics Authority, Palay Production Survey (PPS)

## Yield per Hectare

Yield per hectare of palay registered a decline from 3.01 metric tons in 2020 to 2.98 metric tons in 2021. It was the lowest recorded in the same quarter of 2019 to 2021. (Figure 5 and Table 1)

Among all ecosystem, the yield per hectare of irrigated palay was consistently the highest during the fourth quarter of the three-year period, closely followed by rainfed, and far followed by upland. (Table 1)

Figure 5. Palay Yield, Apayao Province, Cordillera Administrative Region, October-December: 2019-2021



Source: Philippine Statistics Authority, Palay Production Survey (PPS)

Table 1. Palay Production, Apayao Province, Cordillera Administrative Region, October-December: 2019-2021

ITEM	October-December			Change			
	2019	2020	2021	2020/2019		2021/2020	
				Level	Percent	Level	Percent
PRODUCTION (MT)	37,287.00	33,349.00	32,429.00	-3,938.00	-10.6	-920.00	-2.8
Irrigated	25,843.00	20,915.00	21,435.00	-4,928.00	-19.1	520.00	2.5
Rainfed	9,921.00	9,502.00	8,037.00	-419.00	-4.2	-1,465.00	-15.4
Upland	1,523.00	2,932.00	2,957.00	1,409.00	92.5	25.00	0.9
AREA HRVSTD (Ha)	9,913.00	11,078.00	10,873.20	1,165.00	11.8	204.80	-1.8
Irrigated	6,243.00	5,903.00	5,858.00	-340.00	-5.4	45.00	-0.8
Rainfed	2,641.00	2,791.00	2,538.00		0.0	253.00	-9.1
Upland	1,029.00	2,384.00	2,477.20	1,355.00	131.7	93.20	3.9
YIELD/HECTARE	3.76	3.01	2.98	-0.75	-20.0	0.03	-0.9
Irrigated	4.14	3.54	3.66	-0.60	-14.4	0.12	3.3
Rainfed	3.76	3.40	3.17	-0.35	-9.4	0.24	-7.0
Upland	1.48	1.23	1.19	-0.25	-16.9	0.04	-2.9

Source: Philippine Statistics Authority, Palay Production Survey (PPS)

Table 2. Percent Share of Irrigated, Rainfed and Upland to Total Production, Apayao Province, Cordillera Administrative Region, October-December: 2019-2021

ITEM	October-December			Percent Share to Total Production		
	2019	2020	2021	2019	2020	2021
PRODUCTION (MT)	37,287.00	33,349.00	32,429.00	100.0	100.0	100.0
Irrigated	25,843.00	20,915.00	21,435.00	69.3	62.7	66.1
Rainfed	9,921.00	9,502.00	8,037.00	26.6	28.5	24.8
Upland	1,523.00	2,932.00	2,957.00	4.1	8.8	9.1

Source: Philippine Statistics Authority, Palay Production Survey (PPS)

## CONCEPTS AND DEFINITIONS

Crop Production - refers to the quantity produced and actually harvested during the reference period. It includes those harvested but damaged, stolen, given away consumed, given as harvester's and thresher's shares, reserved, etc. However, it excludes those produced but not harvested due to low price, lack of demand and force majeure or fortuitous events, etc.

Harvest Area - refers to the actual area from which harvests were realized. This excludes crop area that was totally damaged. It may be smaller than the area planted.

Types of Ecosystem - refers to the type of environment where the palay was planted.

- Irrigated - area with irrigation facilities supplying water through artificial means like gravity, force/power, pump, etc. Irrigated area becomes rainfed only when irrigation system is no longer operational for the past two (2) years and beyond repair and there is no plan of irrigating the farm.
- Rainfed - palay grown on this ecosystem has dikes that retain water and is solely dependent upon rainfall for its water supply. Rainfed can be converted to irrigated only if area is laid with permanent irrigation facility.

Metric ton - refers to a unit that is being used which is equal to 1,000 kilograms.

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