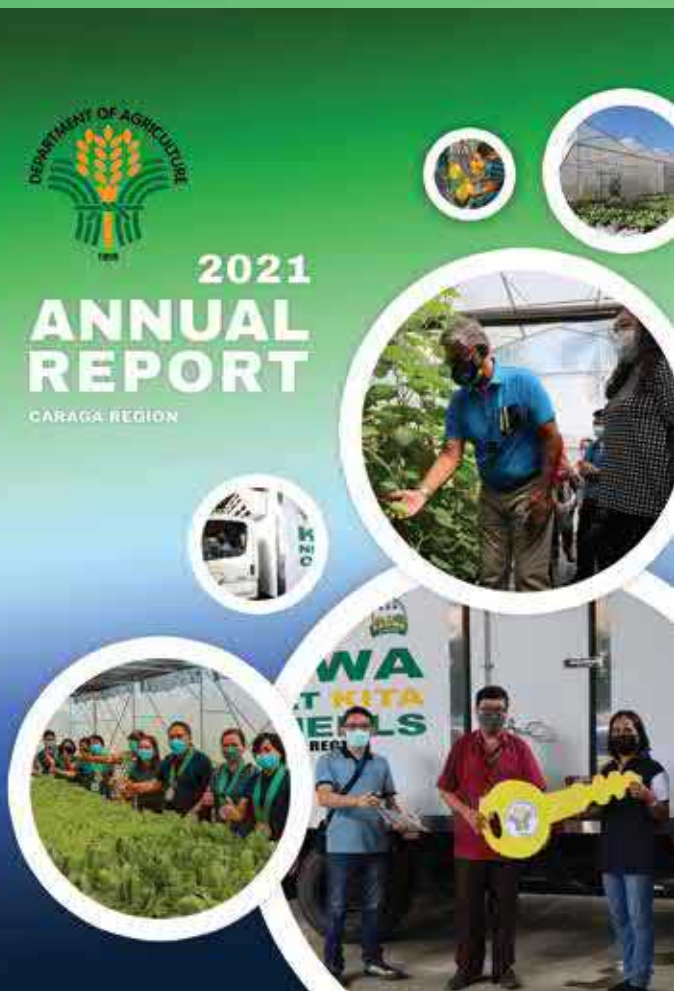




2021 ANNUAL REPORT

CARAGA REGION





The cover illustrates the innovations done by the Department of Agriculture - Caraga Region to counter the impact of the COVID-19 pandemic and the devastating effect of Typhoon Odette that caused a significant increase in demand of the major food commodities and financial pressures in food supply chain across the region.

KADIWA on wheels is one of the department's way to facilitate the movement of agri-food products and to reach those municipalities and cities with travel restrictions. Likewise Plant Plant Plant Program to increase the country's food adequacy during the emergency situation. Quick Reponse Fund provided production intervention for our farmers to recover more quickly from disasters and to alleviate their lives.

DA-Caraga is in the forefront in pursuing a food secure and resilient region with prosperous farmers and fisherfolk.

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MESSAGE OF THE DIRECTOR

Years come by with its own unique roll of experiences, hitches and game-changing lessons, and 2021 was an exceptionally remarkable year for the Department of Agriculture – Caraga Region.

This was a year where our frontline agency continued its fight against COVID-19, African Swine Fever (ASF) and adverse calamities, notably the Typhoon Odette to have *Caraga a food secure and resilient region with prosperous and empowered farmers and fisherfolk*, and we can humbly say that we are consistently won the battle.

We have started the year in good momentum and on a positive outlook, however, ***just like life – agriculture would not be agriculture without challenges.*** These hurdles molded and honed us, to be more proactive and ardent in the implementation of our programs and projects, and so, at the end of the year, we persevered and steadily shaped the region's agriculture to a more resilient and adaptive sector.

This year, we have fortified the efficient completion of our existing projects and launched new programs to augment the crashing effects of various agricultural confrontations. From continuous distribution of seeds and planting materials; provision of farm inputs and machineries; reduction of postharvest losses through concreting more farm-to-market roads and suitable facilities, and support to value chain by linking our farmers to appropriate markets.

While physical distancing due to COVID-19 still partially limited accommodations, agricultural advancements were continuously and conveniently relayed through apt information technologies that reached wider coverage and a bigger audience.

Encouragement to the Caraganon youths to engage in the agri-sector was further expanded as well as the recognition on the importance of women participation in the agricultural development.





All these interventions were effectively and timely delivered as a result of efficient planning and consultations, tight partnership and strong collaboration between attached agencies, SUCs, the local government units, private sector, and of course, our mandated clientele – the farmers and fisherfolks.

With all these, I can humbly say that we are consistently fulfilling our mandate and loudly answer to our DA Secretary, Dr. William Dar’s call for a “Masaganang Ani at Mataas na Kita.”

Let me take this opportunity to express my appreciation and commend everyone at DA RFO XIII for your constant support and unyielding effort for the betterment of the Caraga agricultural development.

Together as OneDA family, let us continue to grow and bring more solutions to our clientele. Let us be more vigilant and stand firm in all challenges. Let us encourage more youth and women in agriculture. Let us maintain strong collaboration between various stakeholders. Most importantly, let us be resilient – for behind a prosperous country resides empowered farmers and fisherfolks, and behind them are the dedicated and compassionately committed agricultural technicians, shortly defining us, at the Department of Agriculture.

And so, another fruitful year had passed and agriculture from the start of civilization up to the present has always been:

Brought down, yet stood back, and thriving.

This phrase befittingly delineates the situation of the Philippine Agriculture amid the trials for the year 2021. With the sagging effect of various challenges, the country, especially its agricultural sector, still endures the momentary setbacks yet continues to bounce back and provide sufficient food for all Filipinos.

We have endured and persevered this year, and surely, we will continue and ceaselessly do so, for “agriculture is more than a job; it is a way of life.”

LARGA CARGA, LARGA!

PALAY

Caraga's palay production in 2021 tallied to 467,743.50 metric tons for both rainfed and irrigated ecosystems. This is composed of 63.50 percent or 297,026.14 metric tons irrigated and 36.50 percent or 170,717.36 metric tons rainfed palay as shown in Table 1. Area harvested in 2021 totaled to 147,878 hectares for both ecosystems with 59.80 percent or 88,424 hectares irrigated and 40.20 percent or 59,454 hectares rainfed palay. Average yield per hectare of palay accounts to 3.16 metric tons per for both ecosystems this year composing the 3.36 and 2.87 metric tons per hectare of irrigated and rainfed, respectively.

Table 1. Palay Production Performance by Ecosystem, 2020-2021. PSA

Year / Production Performance Indicator	Ecosystem		
	Irrigated	Rainfed	Total
2020			
Volume of Production (mt)	334,642.00	168,688.88	503,330.88
Area Harvested (ha)	97,246.81	58,826.24	156,073.05
Yield (mt/ha)	3.44	2.87	3.22
2021			
Volume of Production (mt)	297,026.14	170,717.36	467,743.50
Area Harvested (ha)	88,424.00	59,454.00	147,878.00
Yield (mt/ha)	3.36	2.87	3.16
Growth Rates (%)			
Volume of Production (mt)	-11.24	1.20	-7.07
Area Harvested (ha)	-9.07	1.07	-5.25
Yield (mt/ha)	-2.38	0.13	-1.92

This year's production performance is generally lower than the previous year, 7.07 percent lower in volume of production, 5.25 percent in area harvested and 1.92 percent in average yield. The performance decline was due to the typhoon experienced that damaged 15,025.10 hectares of rice fields. Rainfed palay showed increase in all production indicators with 1.20 percent in volume of production, 1.07 percent in area harvested and 0.13 percent in average yield.

Agusan del Sur posted the highest share in volume of production and area harvested of palay with 257,215 metric tons or about 55 percent of the total regional production and 80,622 hectares or 55 percent of the total area harvested. Surigao del Sur preceded with



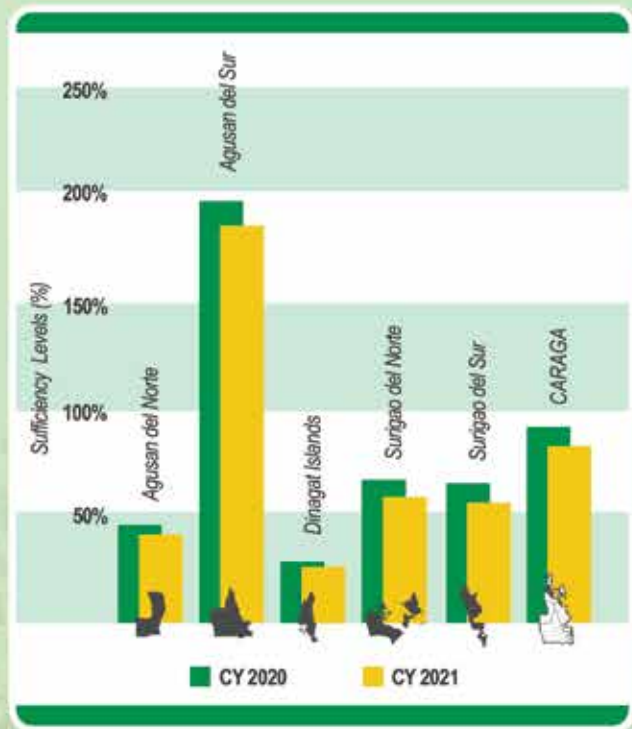
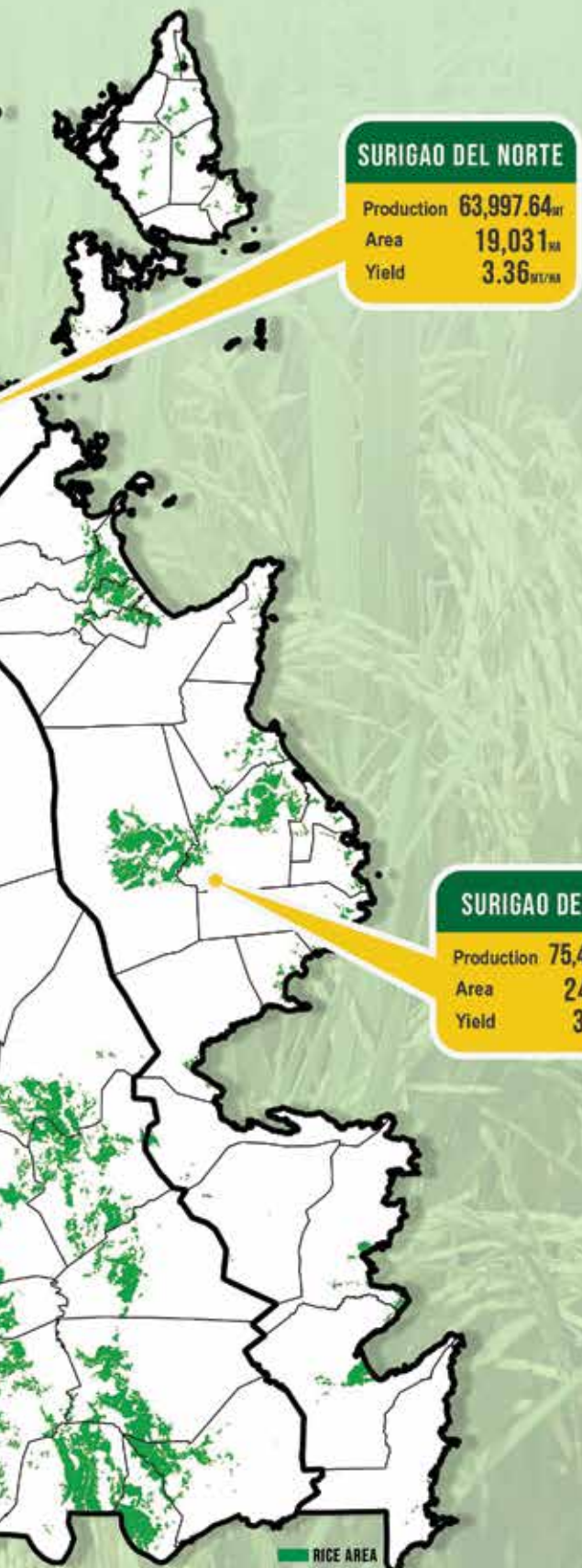


Figure 1. Rice Production Sufficiency Levels, 2020-2021. DA-Caraga

16 percent contribution of the region’s total volume of production and area harvested with 75,468.74 metric tons and 24,975 hectares respectively. Agusan del Norte comes next with 14 percent contribution for 64,699 metric tons and 20,368 hectares. Surigao del Norte followed with 13.81 and 13.94 percent or 63,997 metric tons and 19,031 hectares contribution to regional volume of production and area harvested of palay. Dinagat Islands contributed 1.37 percent or 6,393.12 metric tons of the volume of production and 1.85 percent or 2,882 hectares of area harvested.

This year, Surigao del Norte attained the highest average yield per hectare of 3.36 preceded by Agusan del Sur, Agusan del Norte, Surigao del Sur and Dinagat Islands with 3.19, 3.18, 3.02 and 2.22 metric tons per hectares respectively.

Production Sufficiency Levels for Rice in 2021 of Caraga tallied to 84.23 percent with Agusan del Sur as the only province that produces rice more than the consumption of its population with 186.86 percent. Rice production sufficiency level of Caraga is 8.46 percent lower than the 92.01 percent of the previous year due to the growth in population and lower palay production for the year.

CORN

This year's corn production recorded a total volume of 141,648.84 metric tons composed of 40.23 percent or 56,992.19 metric tons of white and 59.77 percent or 84,656.65 metric tons yellow types as shown in Table 2. Area Harvested for both types tallied to 40,993 hectares for both types with 56.09 percent or 22,958 hectares harvested with white and 43.91 percent or 17,975 hectares harvested with yellow corn. Average yield per hectare of corn accounts to 3.46 metric tons per hectare for both types this year composing the 2.48 and 4.71 metric tons per hectare of white and yellow, respectively.

Table 2. Corn Production Performance by Type, 2020-2021. PSA

Year / Production Performance Indicator	Type			
	White Corn	Yellow Corn	Total	
2020	Volume of Production (mt)	63,993.62	93,645.49	157,639.11
	Area Harvested (ha)	25,234.00	19,316.00	44,550.00
	Yield (mt/ha)	2.54	4.85	3.54
2021	Volume of Production (mt)	56,992.19	84,656.65	141,648.84
	Area Harvested (ha)	22,958.00	17,975.00	40,933.00
	Yield (mt/ha)	2.48	4.71	3.46
Growth Rates (%)	Volume of Production (mt)	-10.94	-9.60	-10.14
	Area Harvested (ha)	-9.02	-6.94	-8.12
	Yield (mt/ha)	-10.14	-8.12	-2.20

The decline on corn production performance for the year was due to the consecutive typhoons and torrential rains which influenced the farmers to change the planting calendar for the commodity. Consequently, 11,000 hectares planted with corn were not yet harvested within the year consisting of 4,147 hectares still in reproductive stage and 6,814 hectares in maturing stage.

Agusan del Sur posted the highest share for both volume of production and area harvested in 2021 with 108,620.50 metric tons and 29,690 hectares, respectively. This accounted to 76.68 percent of the total production and 72.53 percent of total area harvested of the region. Agusan del Norte topped the corn yield

DINAGAT ISLANDS

Production **370^{MT}**
 Area **170^{HA}**
 Yield **2.18^{MT/HA}**

AGUSAN DEL NORTE

Production **19,158.30^{MT}**
 Area **5,138^{HA}**
 Yield **3.73^{MT/HA}**

AGUSAN DEL SUR

Production **108,620.50^{MT}**
 Area **29,690^{HA}**
 Yield **3.66^{MT/HA}**



performance this year with 3.73 metric tons per hectare, followed by Agusan del Sur with 3.66 metric tons per hectare.

Production Sufficiency Levels for White Corn in 2021 tallied to 100.36 percent with Surigao del Norte and Agusan del Sur as the provinces that produces more than the consumption

requirement of its population with 279.04 and 139.92 percent respectively. This year's White Corn production sufficiency level of the region is 12.12 percent lower than the 114.21 percent of the previous year due to the growth in population and lower production for the year. Caraga's Yellow Corn is mainly utilized as ingredient for feed formulation. For 2021, the region incurred 40.92 percent production sufficiency for yellow corn with Agusan del Sur as the only province being sufficient. This is 49.71 percent lower than the previous year which was due to the decrease in volume of production and the notable increase in the number of heads of animals for the year consuming yellow corn as feed ingredient.

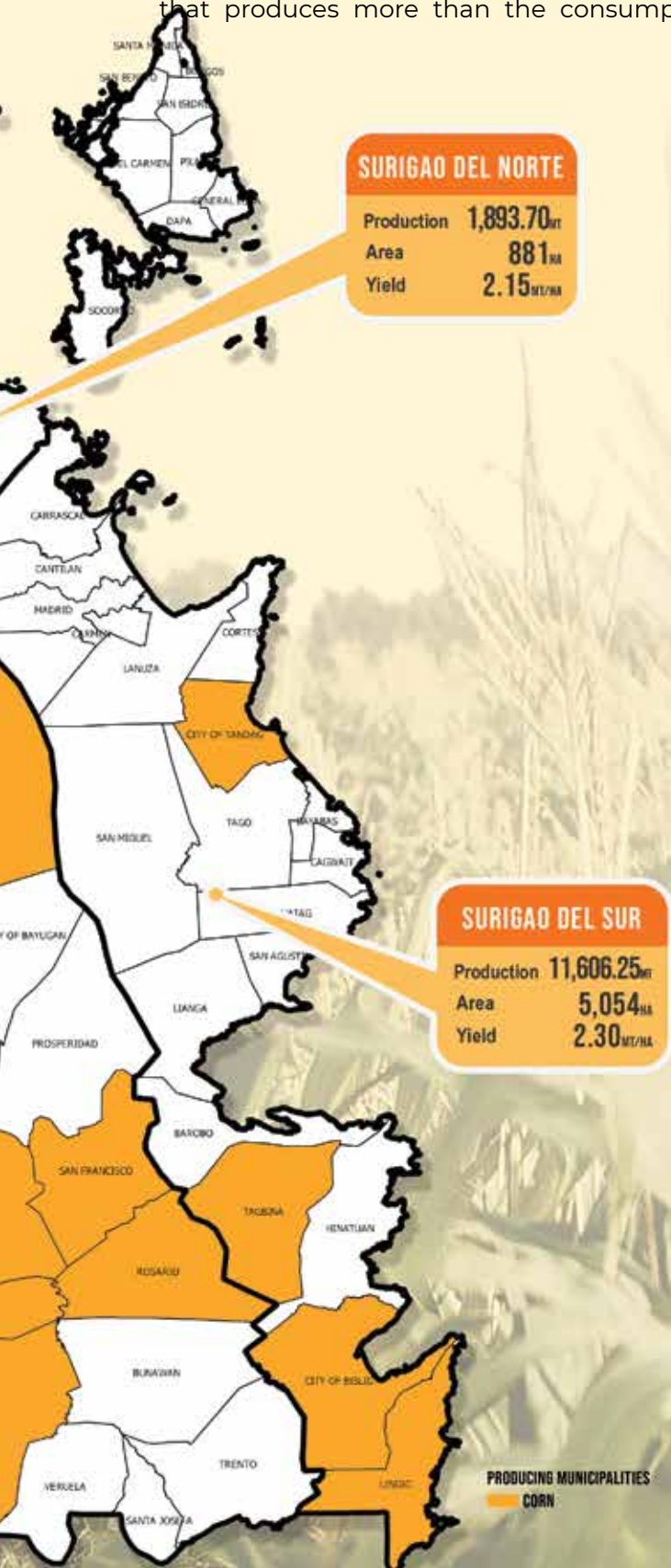
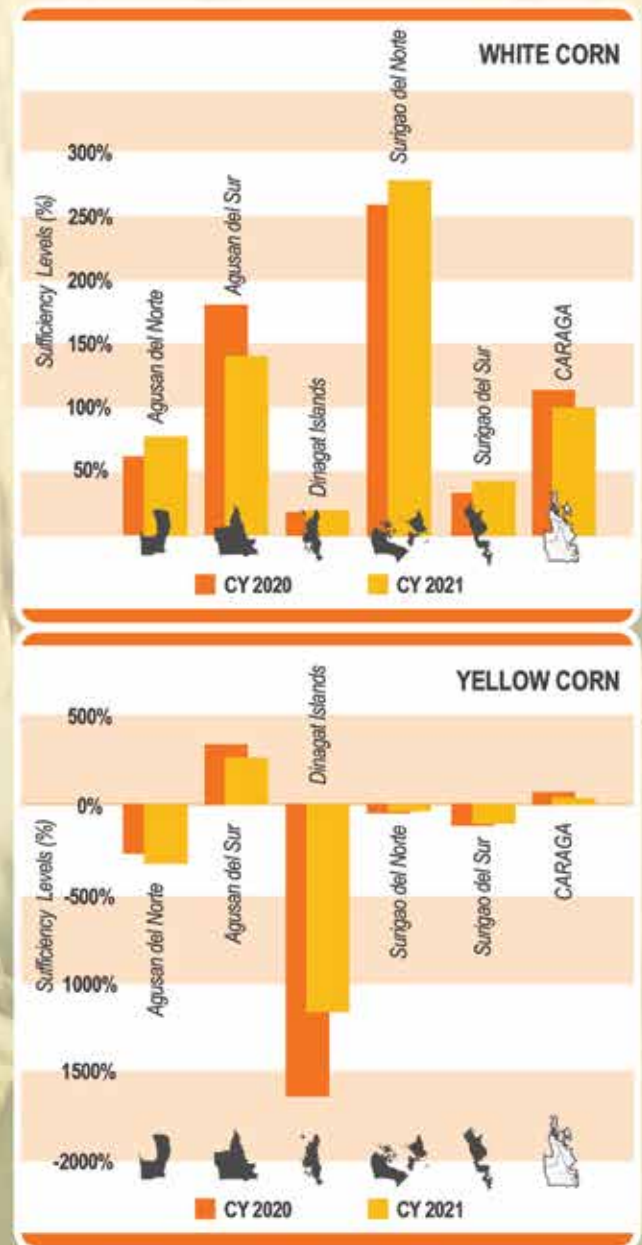


Figure 2. Corn Production Sufficiency Levels, by Type, 2020-2021. DA Caraga



PRODUCTION PERFORMANCE OTHER CROPS

COFFEE

The region posted an increase of coffee area by 4.22 percent or 204.60 hectares in 2021 from the previous year as shown in Table 3. It registered a cumulative area of 5,048.08 hectares with 3,532,674 bearing trees on the same year. Biggest contribution comes from Surigao del Sur with 49 percent followed by Agusan del Sur and Agusan del Norte with 34 percent and 14 percent share, respectively.

Coffee produced in the region for 2021 reached to 1,581.08 metric tons. This is 2.54 percent lower than the 4,844.00 metric tons in 2020. Surigao del Sur contributed 84 percent of the total volume produced. This was followed by the provinces of Agusan del Norte and Agusan del Sur with 9.1 percent and 7.2 percent. Caraga's average yield for cacao is 0.31 metric tons per hectare.

Coffee farmers opted to cease harvesting their produce since they cannot transport and/or no buyers can pick-up their beans and processed coffee due to travel restrictions implemented within the region.

Table 3. Coffee Production Performance by Type, 2020-2021. PSA

Production Performance Indicator	2020	2021	Growth Rates (%)
Area Harvested (ha)	4,844.00	5,048.60	4.22
Volume of Production (mt)	1,622.24	1,581.07	(2.54)
Yield (mt/ha)	0.33	0.31	(6.49)

DINAGAT ISLANDS

COFFEE
Production: 0.24^{MT}
Area: 188.60^{HA}
Yield: 0.0013^{MT/HA}

CACAO
Production: 7.18^{MT}
Area: 150^{HA}
Yield: 0.05^{MT/HA}

AGUSAN DEL NORTE

COFFEE
Production: 144.59^{MT}
Area: 700^{HA}
Yield: 0.21^{MT/HA}

CACAO
Production: 21.40^{MT}
Area: 75^{HA}
Yield: 0.29^{MT/HA}

AGUSAN DEL SUR

COFFEE
Production: 113.88^{MT}
Area: 1,698^{HA}
Yield: 0.07^{MT/HA}

CACAO
Production: 101.41^{MT}
Area: 2,289.04^{HA}
Yield: 0.04^{MT/HA}



CACAO

Shown in the Table 4, the region posted an increase in area harvested with cacao of 1.37 percent in 2021 against the previous year. It registered a cumulative area of 2,673.54 hectares with 442,385 bearing trees for the year. Biggest contribution comes from Agusan del Sur with 85.62 percent followed by Surigao del Sur and Agusan del Norte with 22.55 percent and 12.53 percent share, respectively. This positive result is due to the interventions provided by the department and other national line agencies.

Volume of production of cacao increased by 3.53 percent from 164.94 metric tons in 2020 to 170.77 metric tons in 2021. Agusan del Sur obtained the highest production of 101.41 metric tons for the year contributions 59.38 percent of the total regional production. This was followed by Surigao del Sur and Agusan del Norte with 22.55 and 12.53 percent share, respectively.

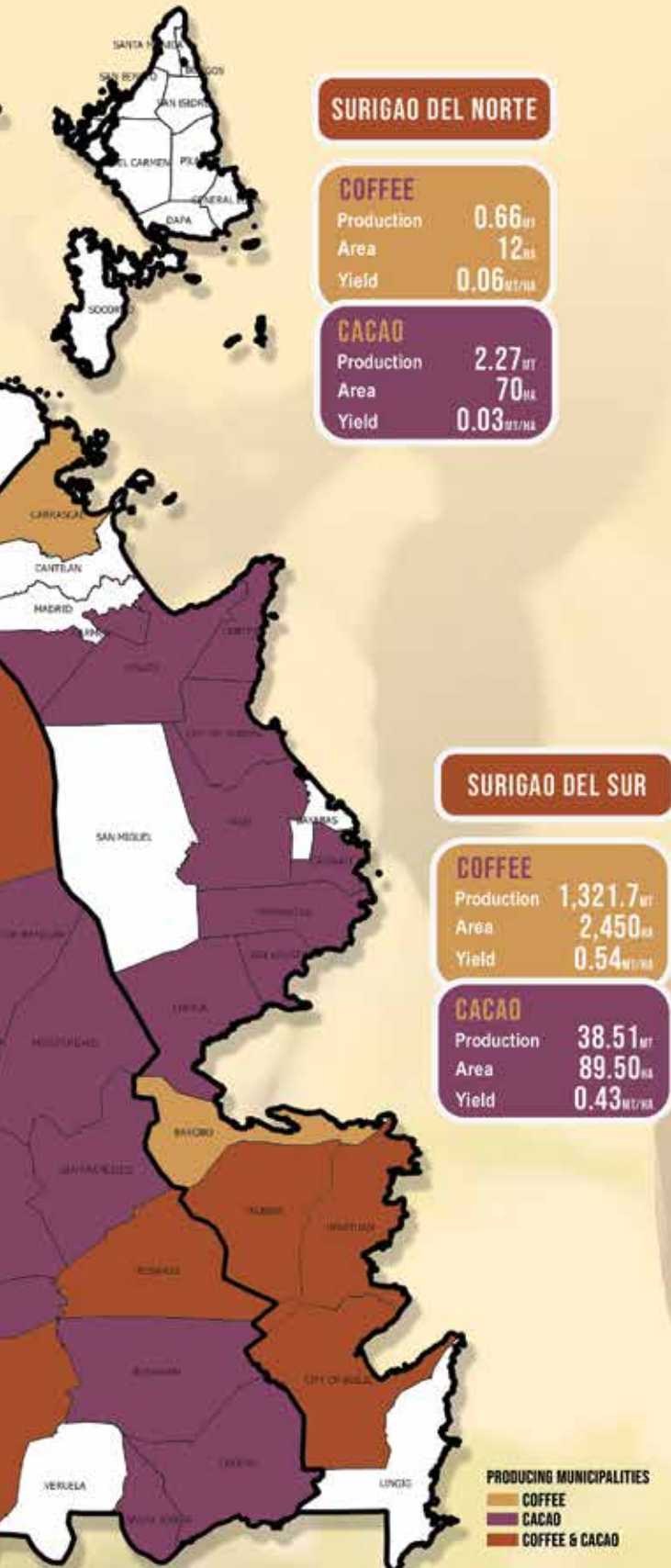


Table 4. Cacao Production Performance by Type, 2020-2021. PSA

Production Performance Indicator	2020	2021	Growth Rates (%)
Area Harvested (ha)	2,637.50	2,673.54	1.37
Volume of Production (mt)	164.94	170.77	3.53
Yield (mt/ha)	0.06	0.06	2.14

PRODUCTION PERFORMANCE OTHER CROPS

BANANA

In 2021, banana accounted its production to a total of 279,608.58 metric tons from the 24,605.50 hectares of area harvested with 12.06 metric tons per hectare yield for all of its varieties.

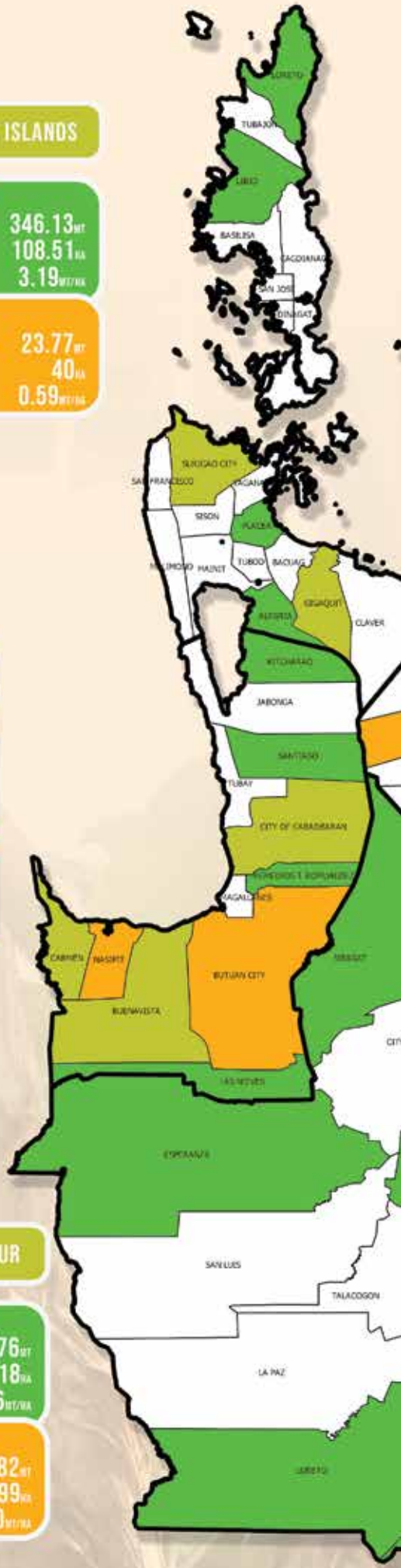
Surigao del Sur led the production of banana in the region as it contributed 38.79 percent of the regions total volume of production for the year. This is due to its yield performance of 19.1 mt/ha. This was followed by the 32.75 percent share of Agusan del Sur and 26.48 percent of Agusan del Norte.

For the year, Agusan del Sur obtained the highest share of production area for banana, followed by Surigao del Sur, Agusan del Norte with 49.25,23.09 and 21.44 percent, respectively.

Decrease in production of banana is attributed to the travel restrictions implemented in the country and the importing countries of banana. Also, regional exports of other varieties of banana were restricted during the period of pandemic.

Table 5. Banana Production Performance by Type, 2020-2021. PSA

Production Performance Indicator	2020	2021	Growth Rates (%)
Area Harvested (ha)	24,601.45	24,605.50	0.04
Volume of Production (mt)	318,919.73	279,608.58	(9.75)
Yield (mt/ha)	13.25	12.06	(9.79)



MANGO

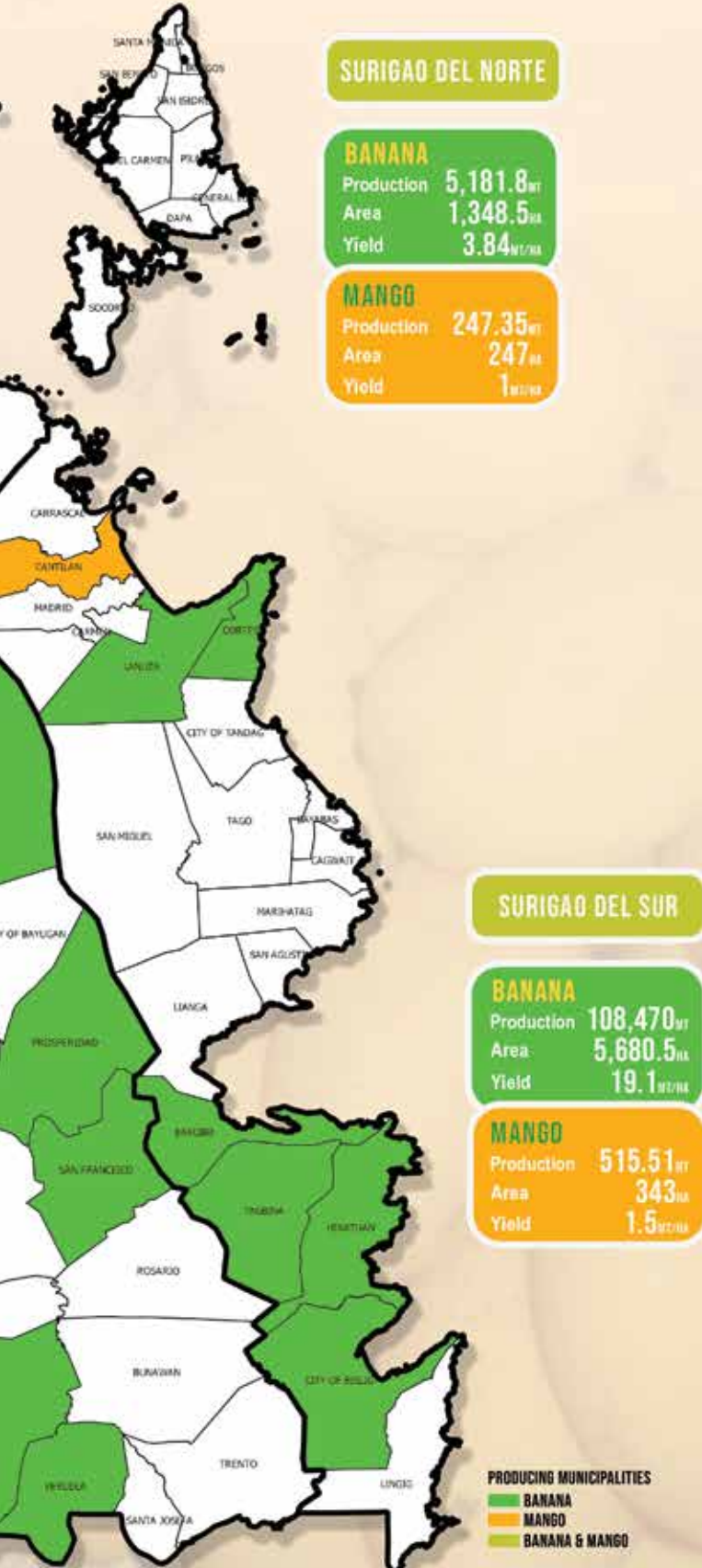
Mango production of the region increased by 1.96 percent from 19,806 metric tons in 2020 to 20,193.24 metric tons in the current year. Also, area harvested with mango increased by 0.19 percent and 1.76 percent increase in the average yield per hectare as shown in Table 6.

The performance of the commodity heavily relies on its production of fresh mangoes and the growers adoption of the off-season mango production to address seasonality demand and reduction of postharvest losses during the peak season.

Agusan del Norte contributed the bulk of the production accounting to 95.20 percent and 64.69 percent area harvested.

Table 6. Mango Production Performance by Type, 2020-2021. PSA

Production Performance Indicator	2020	2021	Growth Rates (%)
Area Harvested (ha)	2,626.00	2,631.00	0.19
Volume of Production (mt)	19,806.00	20,193.24	1.96
Yield (mt/ha)	7.54	7.68	1.76



PRODUCTION PERFORMANCE OTHER CROPS

RUBBER

Rubber production performance showed increase as shown in Table 7. In 2021, the region posted 18,078.23 metric tons rubber cup lump from 13,186.00 hectares area harvested, and 1.37 metric tons per hectare yield for the commodity. The increase is attributed to the improved tapping management of farmers and the premium price set by one of the leading cooperatives in rubber with encouraged growers to produce quality cup lumps. Agusan del Sur is the major rubber producer in the region which accounted to 93.25 percent of the total production in the region or 16,857.89 metric tons. Notably, Agusan del Sur attained the highest yield of 1.47 metric tons per hectare.

Agusan del Sur has the largest production area of rubber which accounted to 87.21 percent share of the regions total area. This is a result of the complementing effort of the Department of Agriculture and Province of Agusan del Sur through the Upland Sustainable Agri-Forestry Development (USAD) Program in the province.

Table 7. Rubber Production Performance by Type, 2020-2021. PSA

Production Performance Indicator	2020	2021	Growth Rates (%)
Area Harvested (ha)	13,111.00	13,186.00	0.57
Volume of Production (mt)	17,628.43	18,078.23	2.55
Yield (mt/ha)	1.34	1.37	1.97

DINAGAT ISLANDS

CASSAVA

Production 1,270.6^{MT}
Area 178.64^{HA}
Yield 7.11^{MT/HA}

AGUSAN DEL NORTE

RUBBER

Production 1,105.9^{MT}
Area 850^{HA}
Yield 1.30^{MT/HA}

CASSAVA

Production 3,926.8^{MT}
Area 441^{HA}
Yield 8.9^{MT/HA}

AGUSAN DEL SUR

RUBBER

Production 16,858^{MT}
Area 11,500^{HA}
Yield 1.47^{MT/HA}

CASSAVA

Production 5,318.6^{MT}
Area 471.34^{HA}
Yield 11.28^{MT/HA}



CASSAVA

Cassava performed better this year than in 2020 with its production indicators. In terms of the volume of production, area harvested and average yield, respectively as shown in Table 8.

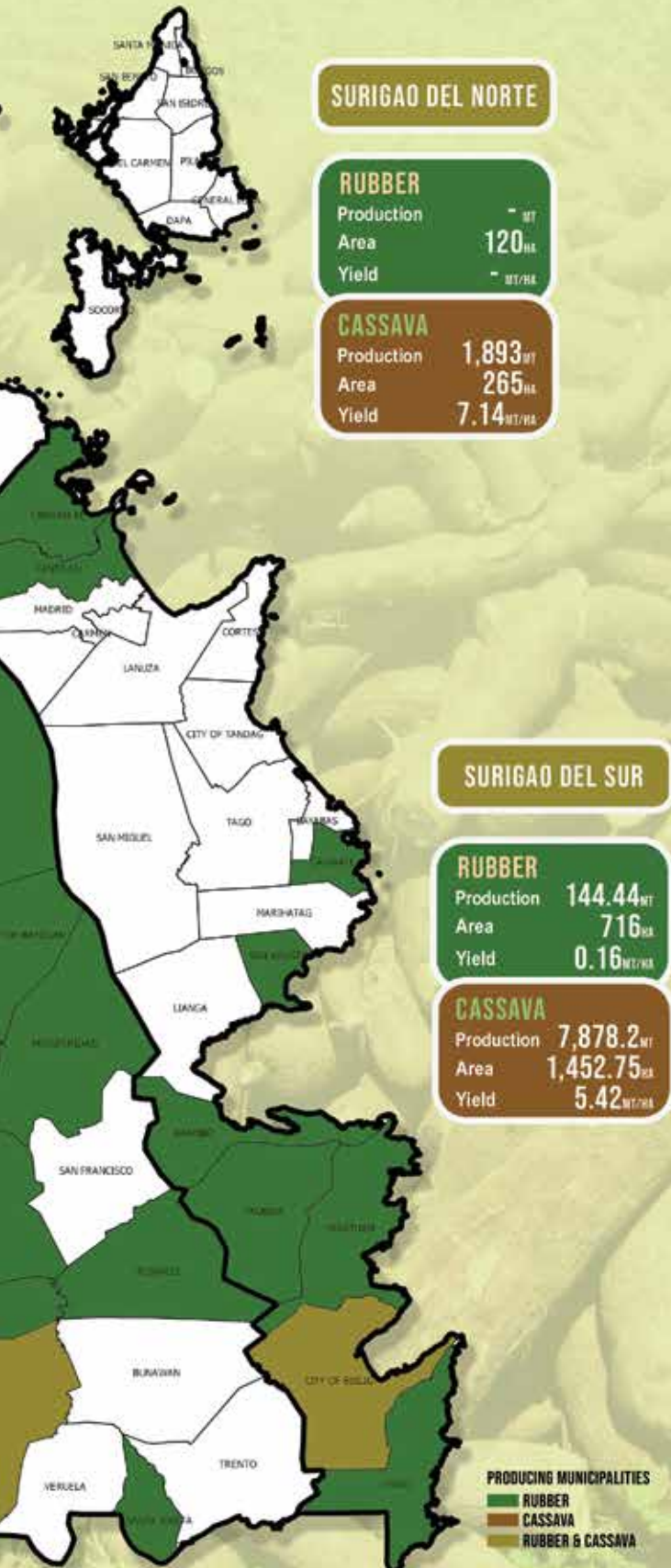
This year a total of 20,287.30 metric tons of cassava were produced in the region from 2,808.73 hectares area harvested yielding 7.22 metric tons per hectare.

Surigao del Sur contributed 38.83 percent share of the region's total production of cassava followed by of Agusan del Sur with 26.22, Agusan del Norte with 19.36, Surigao del Norte with 9.33 and Dinagat Islands with 6.26. At the same trend, Surigao del Sur obtained the highest contribution for the area harvested with cassava of 51.72 percent followed by Agusan del Sur, Agusan del Norte, Surigao del Norte and Dinagat Islands with 16.78, 15.70, 9.43 and 6.36 percent share of the total areas, respectively.

Dinagat Island took a leap with its production performance indicators for cassava attaining 176, 54 and 79 percent growth rates for volume of production, area harvested and average yield from the previous year.

Table 8. Cassava Production Performance by Type, 2020-2021. PSA

Production Performance Indicator	2020	2021	Growth Rates (%)
Area Harvested (ha)	2,741.00	2,808.73	2.47
Volume of Production (mt)	19,293.87	20,287.30	5.15
Yield (mt/ha)	7.04	7.22	2.61



PRODUCTION PERFORMANCE
OTHER CROPS

SOY BEAN

Since 2015, Caraga is consistently the 1st in soybean production among the regions. In 2021, soybean volume of production of the region posted 248.34 metric tons from the 174.40 hectares harvested. This accounts to 1.42 metric tons per hectare average yield as shown in Table 9.

Surigao del Sur remained the largest producer of soybeans in the region with 97.62 percent share in volume of production and 96.90 percent in area harvested.

Table 9. Soybean Production Performance by Type, 2020-2021. PSA

Production Performance Indicator	2020	2021	Growth Rates (%)
Area Harvested (ha)	255.50	174.40	(31.74)
Volume of Production (mt)	367.89	248.34	(32.50)
Yield (mt/ha)	1.44	1.42	(1.11)

DINAGAT ISLANDS

VEGETABLES
 Production 181.02^{MT}
 Area 39.40^{HA}
 Yield 40.94^{MT/HA}

AGUSAN DEL NORTE

VEGETABLES
 Production 4,267^{MT}
 Area 391.27^{HA}
 Yield 77.39^{MT/HA}

AGUSAN DEL SUR

SOYBEAN
 Production 5.9^{MT}
 Area 4.9^{HA}
 Yield 1.2^{MT/HA}

VEGETABLES
 Production 14,658.6^{MT}
 Area 1,630^{HA}
 Yield 87.98^{MT/HA}



VEGETABLES

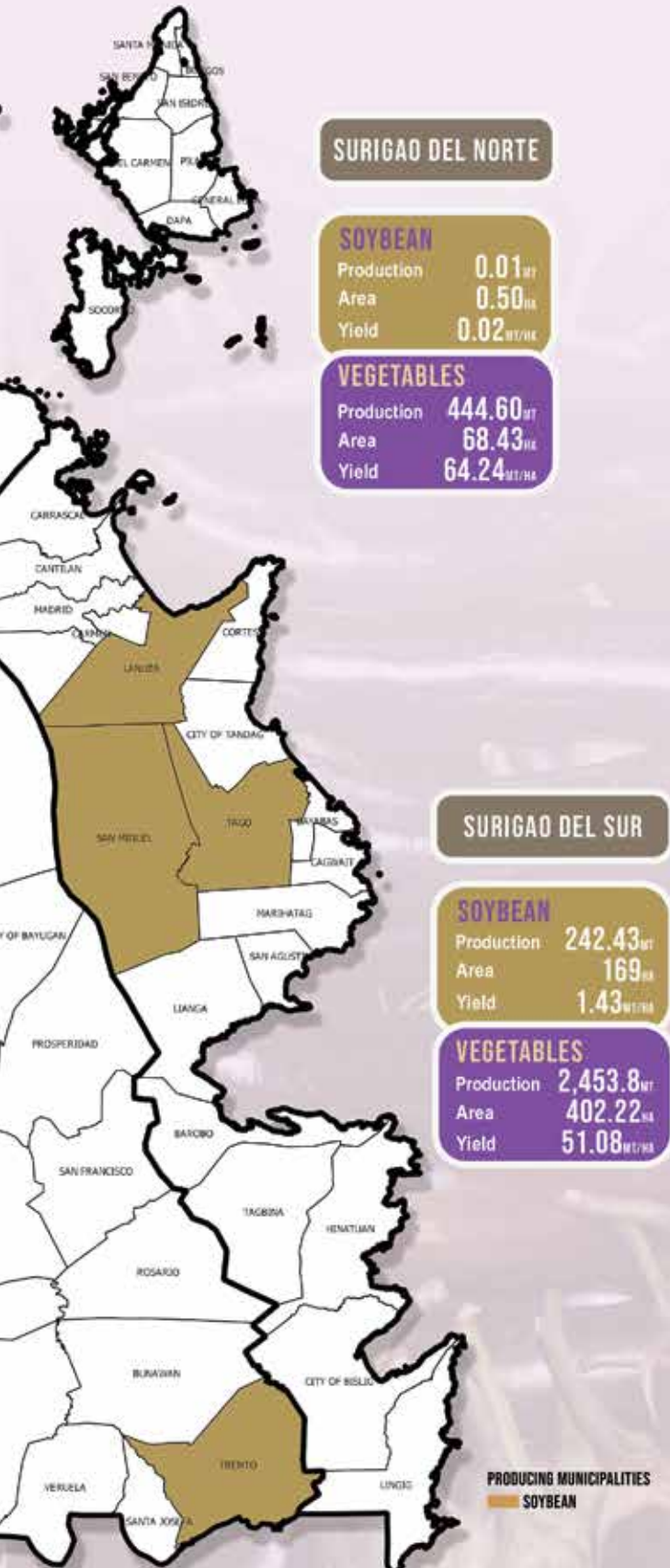
Lowland vegetables production of the region accounted to a total of 21,704.46 metric tons from the 2,515.72 hectares area harvested with an average yield of 7.40 metric tons per hectare. This is composed of Bitter gourd, Eggplant, Bottle gourd, Okra, Pechay, Squash, String beans, Tomato, Sweet pepper and Patola as classified and aggregated lowland vegetables.

Agusan del Sur is the main producer of lowland vegetables of the region with 67.74 percent of the total production and 63.74 hectares of total area harvested for the year.

The decrease in production volume of 3.81 percent is brought about by the damages incurred during the consecutive typhoon and torrential rains which affected the region.

Table 10. Lowland Vegetables Production Performance by Type, 2020-2021. PSA

Production Performance Indicator	2020	2021	Growth Rates (%)
Area Harvested (ha)	2,430.11	2,515.72	1.10
Volume of Production (mt)	22,593.30	21,704.46	(3.81)
Yield (mt/ha)	7.73	7.40	(4.75)



PRODUCTION PERFORMANCE LIVESTOCK

Caraga attained a total of 374,588 heads of livestock animals' inventory in 2021 comprising the Carabao, Cattle, Goat and Swine. This is 2.32 percent lower than the previous year's inventory of 383,286 heads. Total volume of meat production totaled to 34,900.22 metric tons that is 23.26 percent lower than in 2020. The decrease in animal inventory and volume in production was pinned to the impacts of COVID-19 pandemic and African Swine Fever (ASF). The limited conduct of festivities and social gatherings during the pandemic made the growers hesitate raising livestock for meat production to avoid losses. Also, the implemented moratorium of regional exports and imports of pork and pork meat products as control measure for the spread of ASF caused the decline of both inventory and volume of production for swine.

Table 11. Livestock Production Performance by Type, 2020-2021. PSA

Production Performance Indicator		Inventory		Growth Rate
		2020	2021	
Carabao	Inventory of Animals (head)	80,749.00	80,332.00	-0.52
	Volume of Production (mt)	2,309.96	1,893.58	-26.54
Cattle	Inventory of Animals (head)	20,702.00	20,795.00	0.45
	Volume of Production (mt)	1,488.58	1,321.71	-11.21
Goat	Inventory of Animals (head)	50,150.00	50,136.00	-0.03
	Volume of Production (mt)	668.22	598.59	-10.42
Swine	Inventory of Animals (head)	231,685.00	223,325.00	-3.61
	Volume of Production (mt)	38,481.75	31,286.34	-18.72
TOTAL	Inventory of Animals (head)	383,286.00	374,588.00	-2.27
	Volume of Production (mt)	43,018.51	34,900.22	-18.87

CARABAO

Caraga posted a total carabao inventory of 80,332 heads in 2021. This is 0.52 percent lower than the 2020 inventory. Surigao del Sur got the highest growth rate with 1.46 percent followed by Agusan del Norte and Dinagat Islands with 1.05 percent and 0.07 percent, respectively. Backyard production posted a total of 80,285 heads in 2021 which is 0.50 percent lower than the previous year. Commercial production

DINAGAT ISLANDS

CARABAO

Production 9.90^{MT}
Inventory 1,534^{HD}

CATTLE

Production 6.60^{MT}
Inventory 3,186^{HD}

AGUSAN DEL NORTE

CARABAO

Production 541.94^{MT}
Inventory 14,971^{HD}

CATTLE

Production 506.50^{MT}
Inventory 10,762^{HD}

AGUSAN DEL SUR

CARABAO

Production 734.35^{MT}
Inventory 29,863^{HD}

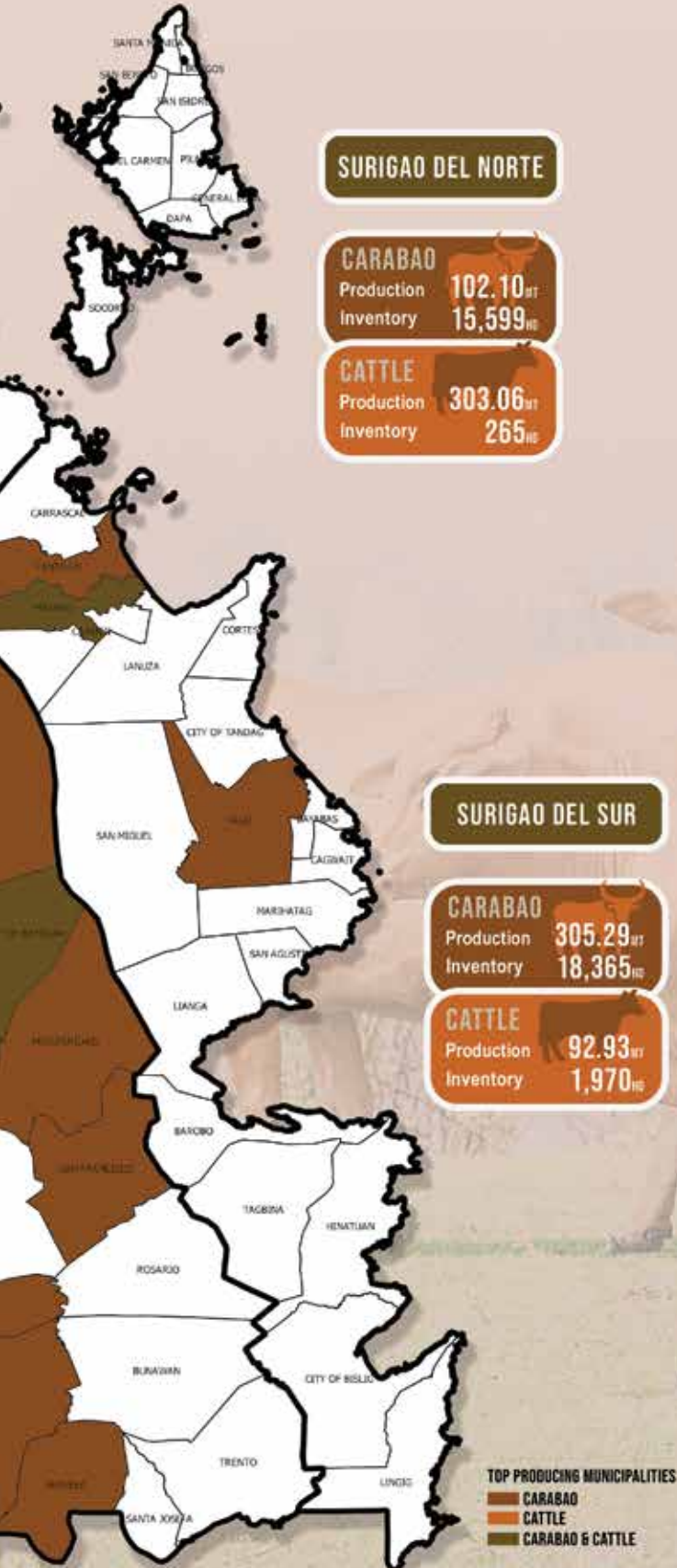
CATTLE

Production 412.62^{MT}
Inventory 4,612^{HD}



Table 12. Carabao and Cattle Production Performance by Type, 2020 - 2021, PSA.

Year / Production Performance Indicator	Type		
	Carabao/ Carabeef	Cattle/ Beef	
2020	Inventory of Animals (head)	80,749	20,702
	Volume of Production (mt)	2,370	1,489
2021	Inventory of Animals (head)	80,332	20,795
	Volume of Production (mt)	1,694	1,322
Growth Rates (%)	Inventory of Animals (head)	-0.52	0.45
	Volume of Production (mt)	-28.52	-9.02



attributed 47 heads which was 20.34 lower than in 2020.

Caraga posted a total production of 1,694 metric tons of carabeef. This is 28.54 percent lower than the previous year. Agusan del Sur contributed the highest share by 734.35 metric tons which accounted 43.36 percent of the total production of the region.

The decrease in the carabeef production performance was due to the decline in demand because of the minimal conduct of festivities and social gatherings, as restrictions were implemented during the COVID-19 pandemic.

CATTLE

A total inventory of 20,795 heads of cattle was recorded in 2021. This is 0.45 percent higher than the 2020 cattle inventory. Agusan del Norte and Agusan del Sur contributed the highest share with 51.75 percent and 22.18 percent respectively.

Backyard production in 2021 posted 20,470 heads which was 0.45 percent higher than the 2020 cattle inventory. While, commercial production posted 325 heads which was 0.62 percent higher than the previous year.

In 2021, Caraga's total beef production, was 1,322 metric tons. This was 11.21 percent lower than the previous year. Agusan del Norte posted the highest volume of production with 506.50 metric tons which contributed 38.32 percent of the total production.

PRODUCTION PERFORMANCE LIVESTOCK

Table 13. Goat and Swine Production Performance by Type, 2020-2021. PSA

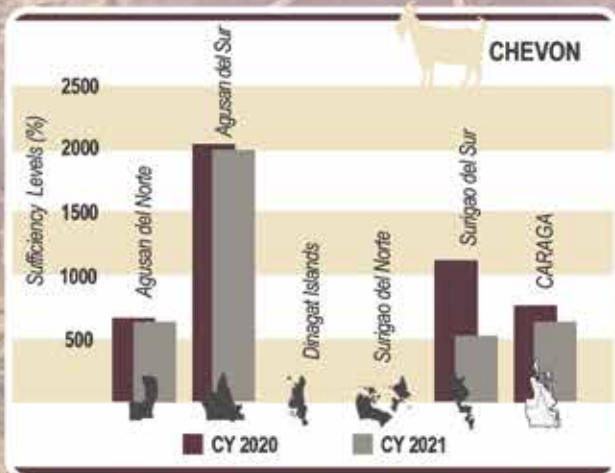
Year / Production Performance Indicator	Type	
	Goat/ Chevon	Swine/ Pork
2020		
Inventory of Animals (head)	50,150	231,685
Volume of Production (mt)	668	38,492
2021		
Inventory of Animals (head)	50,136	223,325
Volume of Production (mt)	599	31,286
Growth Rates (%)		
Inventory of Animals (head)	-0.03	-3.61
Volume of Production (mt)	-10.33	-18.72

GOAT

A total inventory of 50,136.00 heads of goat was recorded in 2021. This was 0.03 percent lower than the goat performance in 2020. The inventory was composed by 12.75 percent from Agusan del Norte, 28.50 percent from Agusan del Sur, 13.81 percent from Surigao del Sur, 4.51 percent from Surigao del Norte, and 2.85 percent from Dinagat Islands.

Backyard production accounted 49,749 heads which is 0.07 percent lower than the previous year. Commercial production got 387 heads which is 5.45 percent higher than the 2020 production. This year, Caraga's chevon production declined by 10.42 percent with a current production of 598.59 metric tons. However, it is noted that Dinagat Islands is the only province incurring an increase of Chevon production at 55.62 percent.

Figure 4. Chevon Production Sufficiency Levels, by Type, 2020-2021. DA Caraga



DINAGAT ISLANDS

GOAT
Production 17.04^{MT}
Inventory 2,289^{HD}

SWINE
Production 802^{MT}
Inventory 6,516^{HD}

AGUSAN DEL NORTE

GOAT
Production 177^{MT}
Inventory 10,240^{HD}

SWINE
Production 8,725^{MT}
Inventory 56,925^{HD}

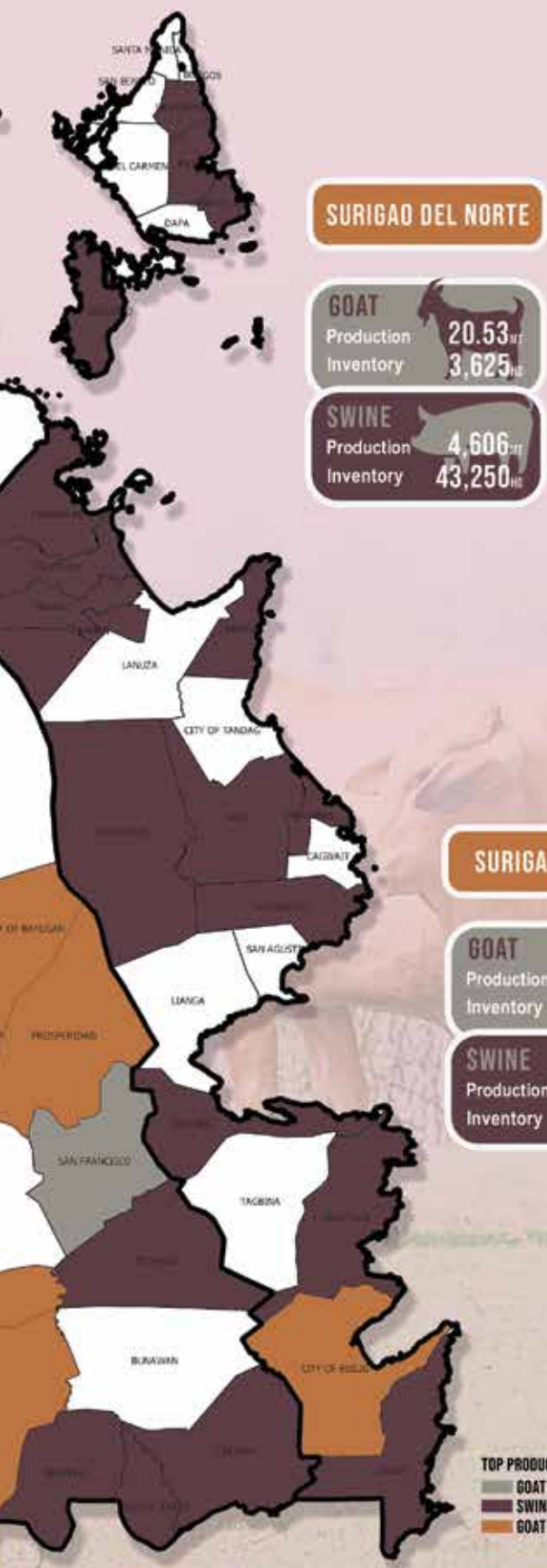
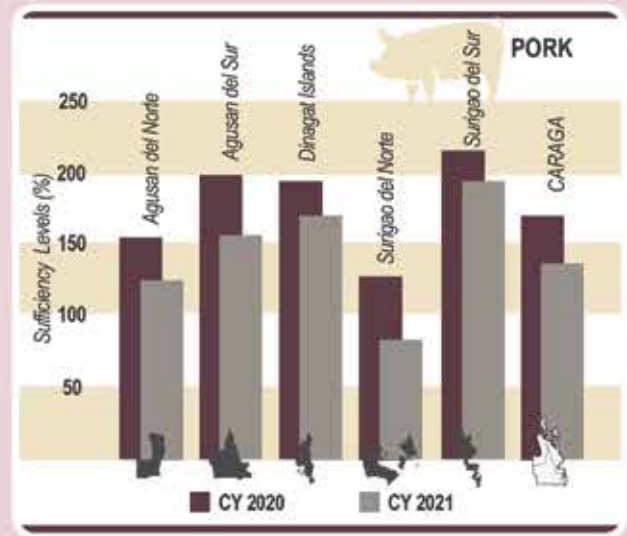
AGUSAN DEL SUR

GOAT
Production 329^{MT}
Inventory 22,892^{HD}

SWINE
Production 8,777^{MT}
Inventory 56,028^{HD}



Figure 5. Pork Production Sufficiency Levels, by Type, 2020-2021, DA Caraga



SWINE

Caraga's Swine inventory posted a total of 223,325 heads in 2021. This is 3.61 percent lower than the 2020 swine inventory. Backyard swine production accounted 209,237 heads in 2021. This is 3.21 lower than the previous year. While the commercial swine production got 14,088 heads which was 9.12 percent lower in 2020 swine inventory.

Surigao del Sur shared the highest number of swine owning 27.14 percent of the total swine inventory of the region followed by Agusan del Norte and Agusan del Sur with 25.49 and 25.09 percent, respectively.

Caraga's pork production declined by 18.72 percent from 2020. The decline was attributed by the negative production performance in the provinces of Agusan del Norte by 17.77 percent, Agusan del Sur by 19.70 percent, Surigao del Norte by 32.68, Surigao del Sur by 8.86 and Dinagat Islands by 12.68. This was due to the African Swine Fever (ASF) incidence in the region which led to the mandatory depopulation of affected and potentially affected swine. Also, swine raisers opted not to raise swine during the height of the epidemic to cut their losses and avoid failure of investments.

PRODUCTION PERFORMANCE POULTRY

In 2021, Inventory of Chicken and Duck posted increasing growth rates from the previous year. Chicken Inventory increased by 17.79 percent from 2,340,996 heads in 2020 to 2,757,537 heads this year. In the same manner, Duck Inventory increased by 7.50 percent with 119,516 heads in 2021 from the 111,182 heads in 2020. However, volume of Production of Chicken meat and Duck meat showed decline for the year with 5.47 percent and 6.13 percent, respectively. Chicken eggs production increased by 3.27 percent from 8,490 metric tons in 2020 to 8,768 metric tons in 2021. Duck eggs however declined by 12.82 percent from 605 metric tons in 2020 to 527 metric tons this year.

Table 14. Chicken and Duck Production Performance by Type, 2020-2021. PSA

Year / Production Performance Indicator	Type	
	Chicken	Duck
Inventory of Animals (head)	2,340,996	111,182
2020 Meat, Volume of Production (mt)	15,412	153
Eggs, Volume of Production (mt)	8,490	605
Inventory of Animals (head)	2,757,537	119,516
2021 Meat, Volume of Production (mt)	14,568	143.3
Eggs, Volume of Production (mt)	8,768	527
Inventory of Animals (head)	17.79	7.50
Growth Rates (%) Meat, Volume of Production (mt)	-5.47	-6.13
Eggs, Volume of Production (mt)	3.27	-12.82

During the year, impacts of COVID19 pandemic were greatly felt by the region. Travel restrictions as well as the restrictions on social gatherings both for the public and private sectors and closure of non-essential establishments were strictly implemented. This resulted to decrease in demand for poultry meat and duck eggs since selling, manufacturing and peddling were minimized by the growers/ suppliers avowing further losses. Hence, inventory of animals greatly increased as slaughtering was minimized due to minimal demand brought about by the implemented restrictions during the pandemic.

DINAGAT ISLANDS

CHICKEN

Meat 162.21_{MT}
Eggs 118.40_{MT}

DUCK

Meat 6.55_{MT}
Eggs 6.78_{MT}

AGUSAN DEL NORTE

CHICKEN

Meat 9,159.79_{MT}
Eggs 5,882.05_{MT}

DUCK

Meat 25.86_{MT}
Eggs 153.80_{MT}

AGUSAN DEL SUR

CHICKEN

Meat 3,279.15_{MT}
Eggs 1,720.69_{MT}

DUCK

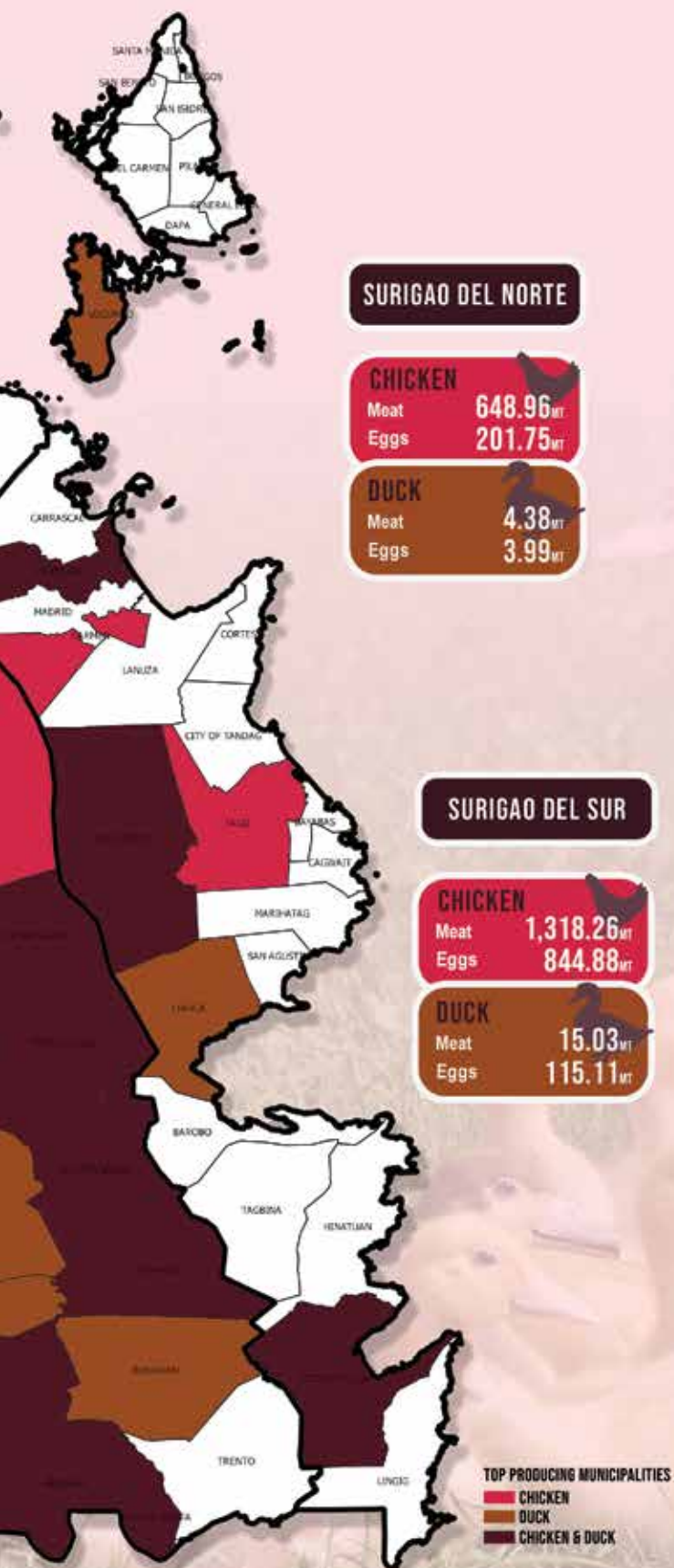
Meat 91.48_{MT}
Eggs 247.43_{MT}



CHICKEN

Caraga posted a total of 14,568.38 metric tons of chicken in 2021. Which is 5.47 percent lower than the 2020 chicken production performance. Surigao del Sur posted the highest increment by 9.75 percent followed by Dinagat Islands by 1.30 percent of the total annual chicken production in the region.

A total of 8,768 metric tons of chicken eggs were produced by the region in 2021. This is 3.27 higher than the 2020 chicken egg production. The increase was attributed by the notable performance of the province of Agusan del Norte by 13.36 percent due to the Ready to Lay (RTL) interventions given by the Department of Agriculture to farmer beneficiaries in the province. Through the said intervention, most beneficiaries have seen a new business venture encouraging expansion of their egg production. The good performance was also attributed to the establishment of the CABCOR Egg Farm in Taguibo Butuan City.



DUCK

Duck egg production of the region tallied to 527 metric tons reach this year showing a 12.82 percent decline from the previous year. Agusan del Sur, Agusan del Norte and Surigao del Sur were the top producers with 46.94 percent, 29.18 percent and 21.84 percent, respectively.

Duck meat production posted 143.31 metric tons in 2021. This was 6.12 percent lower than in 2020. Among the provinces, Agusan del Norte was the top producer which contributed 63.83 percent of the total duck meat production in the region.

DA'S STRATEGY TO EASE COVID-19's EFFECTS

Republic Act 11494 also known as Bayanihan to Recover as One Act was implemented to provide government funds to stimulate the economy while strengthening the health sector and the government's pandemic responses. Under the Bayanihan II Program, 165.5 billion were allocated for Pandemic Response of which the 24 billion were allocated for direct cash or loan interest rate subsidies and to finance the DA's Plant, Plant, Plant Program. With this, the Department of Agriculture - Caraga were given a total of Php 425.6M for the implementation of 16 projects.

Rice Resiliency Project for Dry Season (RRP II) provided a total of 139,000 bags fertilizers, 3,968 bags of hybrid rice seeds and 24,750 bags inbred rice seeds amounting to Php 299,050,000 to 90,586 farmer beneficiaries across the region.



To manage and eradicate the presence of Fall Armyworm (FAW) in the region, a total of 2,660 liters of pesticides, 2,000 Pheromone Lures, 4,903 pieces and 2,705 cards of Biological Control Agents (BCAs) and 2 units Power Sprayer amounting 6,343,000.00 were distributed to 38 beneficiaries. These interventions contributed to the 100% treatment of 17.5 hectares FAW affected areas in Caraga region.

Five (5) sites of Greenhouse Nursery with Hydroponics System and season-long training amounting Php 15,000,000.00 were established in Bislig City, Surigao del Sur, Butuan City, Agusan del Norte, Bayugan City, Agusan del Sur, Province of Agriculture Office Agusan del Sur and Suriga City, Surigao del Norte. This project aimed to boost food production in the urban areas.



In support to the Banana Industry Development Program of the Caraga Region, one (1) Nursery, one (1) Tissue Culture Laboratory and one (1) site of Techno demonstration amounting Php 4,750,000.00 were constructed/established at Del Monte Lowland Rainfed Research Station. The station is ongoing with the inoculation of around 1,162 banana suckers and maintaining 250 cardava plants at the demo site. These facilities ensures the production and distribution of quality planting materials to the farmers in the region.

Under the Plant, Plant, Plant Program, distribution of ready-to-plant seedlings through the intensive growing of vegetable seeds at the front yard of DA- Caraga Regional Office were conducted to amplify the promotion of the importance of growing safe and healthy food especially during this time of pandemic. This year, the Bureau of Jail Management and Penology (BJMP), Technical Education and Skills Development Authority (TESDA) and National Housing Authority (NHA) received more than 1,000 seedlings each to facilitate the establishment of Gulayan sa Pamahalaan. Barangay Fort Poyohon also received a total of 5,000 seedlings in support to the Gulayan sa Barangay Program. Moreover, A total of 10,000 pieces pineapple suckers were also distributed to the Milagros USAD Farmers Association at Milagros, Esperanza, Agusan del Sur.



One (1) Chicken Multiplier Farm with 10 Egg Incubators, 500 heads of Free-Range Chicken, 62,800 kilograms of starter and layer feeds and drugs and biologics amounting to Php 8,449,482.22 were provided to upgrade the Poultry production of Tagbina Research and Experiment Station. A total of 19,263 eggs were produced from which 8,090 30-day old chicks were distributed to the beneficiaries.

Province of Dinagat Islands was provided with a total of Php 5,000,000.00 for the establishment of Chicken Multiplier Farm with the inclusion of 500 heads of breeder stocks, two (2) breeder house, four (4) brooder house, one (1) egg room/hatchery and storage, perimeter fence, four (4) grower house with nets and four (4) incubator with hatcher.



Caraga State University (CSU) was also provided with interventions for the establishment of the Dairy Goat Multiplier Breeder Farm with 43 heads of goat to support the region's Milk Feeding Program.

A total of Php 25,540,000.00 worth of projects were given to Trento Research Experiment Station on Sustainable farming through the enhancement of technology transfer on Green Renewable Energy and Promotion and production of edible mushroom in Caraga Region. These were done through Public Engagements and Product Exhibitions. Also, strengthening of Farmers Technology, Support, and Services Hub through the improvement/ upgrading/ repair/ rehabilitation of the following facilities:

- ▶ Research building;
- ▶ One-Stop-Shop for Knowledge and Product Display Center/FITS Center and Processing Area;
- ▶ Poultry Houses;
- ▶ Poultry and Livestock Research Facility,
- ▶ Greenhouse;
- ▶ Nursery;
- ▶ Water system; and
- ▶ Multi-purpose Post-harvest facility.

Strengthening of Technology, Support, and Services Hub for the farmers was also given priority through the upgrading/improvement of DMLRRS Research and Development Building and provision of various essential equipment including Automated Weather Station, processing and communication systems of the Del Monte Lowland Rainfed Research Station (DMLRRS).



Del Monte Lowland Rainfed Research Station (DMLRRS) was also provided with Php 11,960,000.00 for the Enhancement of Technology Transfer on Green Renewable Energy for Sustainable Farming composed of installation/establishment of the following:

- ▶ Ballon-type Biogas System;
- ▶ Solar Powered Street Lights;
- ▶ Solar Powered Irrigation System (SPIS);
- ▶ SPIS Irrigation Pipes for rice and vegetables areas.



Enhanced Kadiwa Inclusive Food Supply Chain Program, granted four (4) Refrigerated Vans amounting Php 10,960,000.00. to Bayugan Achievers Multi - Purpose Cooperative (BAMPCO), Sumilihon - Taguibo Farmers Association, Incorporated (SUTAF), CarCanMadCarLan Agri-based Multi-Purpose Cooperative; and Local Government Unit of Cabadbaran City, Agusan del Norte.



To reduce the post-harvest losses, 14 units of Recirculating Dryers amounting Php 36,932,000.00 were granted to 14 Local Government Units (LGUs) across the region specifically in the cities and municipalities of San Agustin, Marihatag, Lanuza, Madrid, Hinatuan, Bislig City, San Miguel, and Tago, Surigao del Sur, Prosperidad, Bunawan, Rosario, Talacogon, and San Francisco, Agusan del Sur and Cabadbaran City, Agusan del Norte.

Further, a total of Php 6,100,000.00 were granted to 10 Farmers Cooperatives and Associations specifically the Km 7 Farmers Producers Cooperative (KFPC), Cebu Peoples Multi-Purpose Cooperative, Sto. Niño Multi-Purpose Cooperative (SNMPC), Butuan-Agusan Farmers Multi-Purpose Cooperative (BAFMPC), De Oro Agrarian Beneficiary Cooperative (DARBECO), Avanceña Beneficiaries and Farmers Multi-Purpose Cooperative, Sto. Niño Community Multi-Purpose Cooperative (SNMPC), Salvacion Vegetable Growers Association (SALVEGA), Mangagoy-Farmers Fisherfolks and Community Multi-purpose cooperativew (MAFFISCO-MPC), and Tubajon Community Multi-Purpose Cooperative (TCMPC) as Market Outlet Grants .

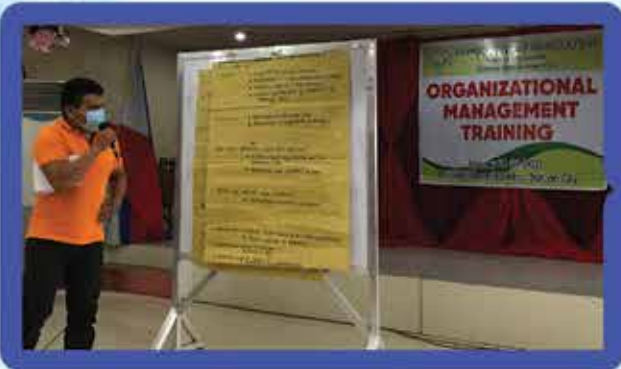


Mentoring and Attracting Youth in Agribusiness (MAYA) Program. A total of 16 interns were exposed to the following Learning Sites to encourage the youth in engaging in agriculture activities and develop their skills and knowledge to become competent, highly-skilled, and employment-ready agribusiness professionals:

- ▶ KM7 Farmers Producers Cooperative, Tungao, Butuan City;
- ▶ San Isidro Upland Farmers MPC (SIUFMULCO), Santiago, Agusan del Norte;
- ▶ Tagbina RES, Tagbina, Surigao del Sur;
- ▶ Trento RES, Trento, Agusan del Sur; and
- ▶ DMLRRS, Talacogon, Agusan del Sur.



Registry System for Basic Sector in Agriculture (RSBSA) had, a total of 5,000 individuals enrolled in it's system for this semester. This will be one of the basis for government interventions.



Farm Fisheries Clustering and Consolidation (F2C2) Program conducted 17 batches of trainings on Financial Management, Organizational Management, Business Proposal Writing and Farm Cluster Development Plan preparation.

The Cash and Food Subsidy for Marginal Farmers (CSMF) distributed a total amount of Php 140,000,000.00 to 2,800 corn Farmers in the region as Cash and Food Subsidy.



Eight (8) FMR Projects were completed amounting Php 80,000,000.00 in Butuan City, Sibagat and San Francisco, Agusan del Sur, San Isidro, Pilar and Tubod, Surigao del Norte, Lingig, Surigao del Sur and Cagdianao, Dinagat Island.

Production Support Services

COVID-19 has disrupted most of the industries in the world especially the Agriculture Industry yet, the second year of the pandemic was a little bit easier than the previous year. Many have adjusted and live with the new normal condition. Agricultural activities continued and many farmers have cultivated their land noting that they were able to overcome the devastating effects brought by the pandemic. With the desire of the Department to continuously serve the farmers, below are the highlights of accomplishment done by the program and operating units.

Seeds and Planting Materials



264,696

kilograms of rice, corn, assorted vegetables seeds

602,226

pieces of various planting materials such as pineapple and banana suckers, coffee, cacao, rubber and sweet potatoes

Php 39,492,829.68

8,200 Individuals and 303 Group Beneficiaries



Organic and Inorganic Agriculture

2,697,530

kilograms/liters of organic and inorganic fertilizer

Other farm inputs such as molasses and flower inducer

Php 508,371,451.00

8,617 Individuals and 13 Group Beneficiaries





Farm Animals and Other Inputs

26,258

heads of various farm animals such as cattle, swine, goat, ducks and chickens

8,254

pieces of semen straws, 638 bags of swine and chicken feeds with 4 rolls of net inclusion were also distributed to 7 group beneficiaries

24,200

vial/bottles/cannister/sachet/ampules of various drugs and biologics such as antibiotics, dewormer, vitamins and anesthetics amounting Php 3,973,398.00 to the provinces of the region

500

kilograms of disinfectants

Php 10,852,623.00

129 Individuals and 21 Group Beneficiaries

From the insemination activities conducted in 2020, 344 heads of cattle, carabao and goat were produced. Also, 2,718 heads of carabao, cattle and goat were inseminated in 2021



Agricultural Chemicals and Biological Control Agent



5,480

liters/kilograms/pieces of agricultural chemicals composed of insecticide, rodenticides and pheromones

55,015

cards/pieces/packs of Biological Control Agents such as Trichoderma, Earwigs and Metharizium

Php 1,624,104.20

***Ready for distribution to LGUs and walk-in clients once there are pest and disease infestations;*



Disaster Risk Reduction and Management (DRRM)

173,056.25

kilograms of rice, corn and vegetable seeds

8,300

liters kilograms/liters of farm chemicals such as pesticide and bactericide

Php 22,729,765.00

*** Procured as buffer stocks for those areas that might be affected with calamities, pest and diseases across the region*



ESETS

Extension Support, Education and Training Services

To influence the farmers' outlook toward their difficulties specially this Covid-19 pandemic, develop their abilities to direct their own future development and improve agricultural productivity, DA Banner Programs and Operating Units conducted various trainings and training-related activities and information dissemination through Quad Media.

Technology Demonstrations

Corn Established

Eight (8) sites of White and Yellow Corn and Sorghum Technology Demonstrations at Sibagat, Agusan del Sur, Gigaquit, Surigao del Norte, and Tagbina, Surigao del Sur.

High Value Crops and Development Program Established

- 27 hectares Technology Demonstrations for vegetables, coffee, cacao, mango and rubber
- Seven (7) sites of Mango Technology Demonstrations on rehabilitation were established with 4,000 mango trees fertilized.

Model Farms

Established 30-hectare cassava Model Farm in Cagdianao, Dinagat Islands which will also serve as the source of quality planting materials for 150 hectares production area.

Established three (3) sites with-105 hectares Model Farms of White and Yellow Corn, and Sorghum at the municipalities of Tubay Agusan del Norte and Tago Surigao del Sur.

Information, Education and Communication (IEC)

Printed and Distributed 16,927 IEC materials including brochures, posters, info kits, newsletters, calendars, sintra boards and tarpaulins

Launched

DA-Caraga Broadcast Studio last May 10, 2021, aimed to inform, educate and entertain listeners specially farmers relative to new agricultural techniques and farming strategies specifically those who are in the remote areas.

Aired the Unified School-on-the-Air on Smart Rice Agriculture also called as Radyo Eskwela: "Mga Bag-ong Teknolohiya sa Paghumayan" Program every 5:00AM to 6:30AM was conducted. This was also aired on 93.5 FM Hope Radio and livestreamed in DA - Caraga, Agricultural Training Institute (ATI) - Caraga, and Philippine Rice Research Institute (PhilRice) - Agusan Facebook Pages. A total of 3,000 of the School-on-the-Air (SOA) on smart agriculture students graduated in 2021.

Radio/Social Media Programs

Seven (7) stations were sustained for the department's radio programs in partnership with the Farmcasters.

Aired 35 kinds of radio plugs with various messages about One DA reform Agenda, RSBSA, Agricultural and Policy Council (ACPC) Credit Facilities and African Swine Fever (ASF).

DA-Caraga Facebook page reached a total of 38,000 followers.

- *The Page content includes Agricultural updates such as news, activities, and advisories, agribalita, agri-minute, AgReal Stories, testimonials, Agri Ka webinars and agrikultura of Caraga Online livestreaming.*

Others Activities Conducted

Information Caravans and Virtual Forum for ASF, Agricultural Credit and Policy Council (ACPC) Credit Facilities, and Philippine Crop Insurance Council (PCIC) Insurance covers

Urban Gardening contest with youth in partnership with the Sangguniang Kabataan (SK) Federations

Agri-Galing Year-3 Competition

Vlogging, Radio Drama and Spoken Word Poetry Contests

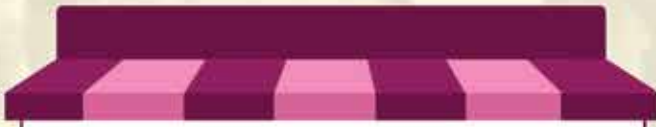
Capability building on Rural Radio Broadcasting and Events management



MDS

Market Development Services

In response to challenges and in ensuring the food availability and security during COVID-19 Pandemic, Agribusiness and Marketing Assistance Division (AMAD) conducted various services such as market linkage/matching, Kadiwa activities among others.



AMAD was able to market matched five (5) Farmers Associations and Cooperatives generating Php 2,076,729.00 sales.

- Km7 Farmers Producer Cooperative, Sto. Nino Multi-Purpose Cooperative and Sumilihon - Taguibo Farmers Association, Incorporated to 22 Propack Asia for the Assorted Vegetables and rice generating a total of Php 156,729.00;
- Km7 Farmers Producers Cooperative was also linked to DepEd as supplier for fruits in support to their School-Base Feeding Program generating Php 1,900,000.00;
- Gigaquit Vegetable Association to BXU Trading/Ms. Imee Morales for Squash (Suprema Variety) generating a total of Php 12,000.00;
- Julian Berito to BXU Trading/Ms. Imee Morales for pepper generating a total of Php 8,000.00.



Enhanced KADIWA ni Ani at Kita

Granted a total of Php 2,998,600.00 to six (6) Farmers Cooperatives and Association in the provinces of Agusan del Norte and Agusan del Sur, as follows:

- Piglawigan ISAPA Multi-Purpose Cooperative (Php 650,000.00);
- Sitio Antipolo Farmers Association of Buenavista Agusan del Norte (Php 402,600.00);
- Simbalan Integrated Farmers Association (Php 398,000.00);
- Kapunongan Sa Mga Mag-Uuma sa Simbalan, Incorporated. (Php 398,000.00); and
- Rizal Multi-Purpose Cooperative (Php 500,000.00)



KADIWA on Wheels

Conducted retail selling to four (4) barangays and 15 government offices and malls

Beneficiary: 122 farmers
Generated: Php 1,834,700.00



KADIWA Suppliers

19 Recognized Kadiwa suppliers of rice, dressed chicken and eggs. Which consummated total sale of Php 17,247,493.00 from the 228,580 kilograms of rice and chicken and 19,476 trays of eggs during the distribution of food subsidy to 18,307 farmers.



Farmers and Fisherfolk Enterprise Development Information System (FFEDIS)

101 Enterprise applicants were registered to FFEDIS consisting 38 cooperative, 14 associations, three (3) corporations, 45 single proprietorship and one (1) Non-Government Organization (NGO). 83 Farmers and Fisherfolk Enterprises were approved, 9 are for approval, 5 are flagged and 4 are still for encoding to the system.

Other Activities/Trainings Conducted

The Cooking Contest during the Celebration of Filipino Food Month Celebration participated with three (3) Cooperatives from barangay Bobon, Taligaman and Tiniwisan, Butuan City.

Provincial and Regional Young Farmers Challenge: Search for Outstanding Kabataang Agribiz Business Models granted 75 Individuals with Php 50,000.00 each and three (3) Enterprises received Php150,000.00 each as financial grant assistance being winners of the challenge.

Enterprise Assessment participated by three (3) FCAs namely Salvacion Vegetable Growers Association, Kooperative sa Katawhan sa Mahaba para sa Kalambuan and Sto. Niño Consumers Multi-Purpose Cooperative.

Training on Organizational Development and Capability Building participated with two (2) FCAs namely Sumilihon Taguibo Farmers Association Incorporated. and Sto. Niño Multi-Purpose Cooperative.

Conducted the following information-related and coordination activities:

- Regional Information Caravan on Agricultural Credit Programs via Virtual platform;
- Regional Loan Facilitation Team Meeting;
- Orientation on FFEDIS and Enterprise Special Registration;
- Orientation and Harmonization of Price Monitoring Template and Data Gathering Procedure (Provincial Level) thru virtual platform; and
- Capability Development Training for Market Related Infrastructure.



Research and Development Services

The CoVid19 pandemic remains the greatest challenge in the Implementation of research and development-related undertakings thus affecting the attainment of the Research Division's overall goals and objectives for the year.



For the year, there are 18 research projects implemented comprising 17 continuing researches and one new research project funded under different programs. The Division's core projects are mainly focused on supporting the development of rice industry comprising more than 26% of the Division's total budget for the year. Banner programs of the department as well as the regular R&D program, the Bureau of Agricultural Research (DA-BAR), and the Department of Science and Technology - Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (DOST - PCCAARRD) are the major funding sources of the region's R&D undertakings.

This year, the Division achieved notable accomplishments which include research recognitions, successful product development and certifications/accreditations from different product and services standards. Five researches from the Division were recognized as Best Papers both for the research and development category during the 2021 Caraga Consortium for Agriculture, Aquatic, Forestry, and Natural Resources Research and Development (CCAARRD) Consortium. Fourteen agri-based products developed as of November wherein eight of those already passed the microbial with nutritional analysis while the remaining six were already submitted for microbial and nutritional analysis but no results yet.

It is also noteworthy that the stations are committed to uphold quality and standards for every products and services they offered. As to date, the stations are already accredited and certified of the following: Agri-tourism accreditation, Good Agricultural Practices (GAP) certification, Bureau of Plan Industry (BPI) certification for foundation trees (lanzones, rubber, durian, and inbred rice seed production), nursery accreditation from BPI, as well as learning site certification from Agricultural Training Institute (ATI).

These accomplishments are testament to the improvement of DA's R&D brought about by the strengthened collaboration and partnership with Research and Development Extension (RDE) network members as well as the region's continued effort on providing quality R&D programs and interventions of the Department.

There are 18 total research projects implemented for the year comprising 17 continuing researches and 1 new research project funded under different programs.

10 Rice Researches

Rice being the staple food rice remains as the major component of R&D in the region. Specifically, DA-IRRI collaborative project occupies the largest share of the aggregate budget for rice R&D program while the rest are implemented by the research stations.



3 Corn-Cassava Researches

This year's R&D for corn-cassava program is focused on the improvement of cassava production as well as the establishment of simulation values for corn. Allotment for R&D under this program is quite limited due to meager R&D fund allotted by the national program.



3 DA-BAR Researches

The DA-BAR has been among our strongest partners in pushing our research initiatives to exciting and fulfilling directions. There are three on-going researches implemented under this program for the year.



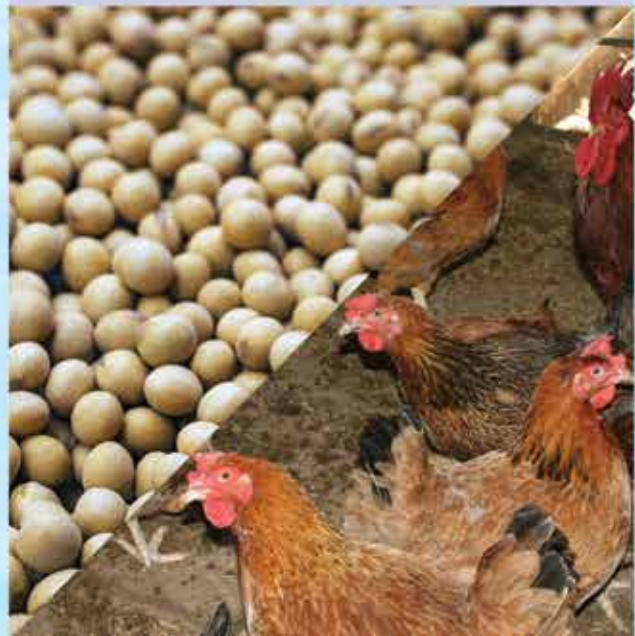
1 ORDA Research

Regular research program through the Other Research and Development Activities (ORDA) focuses in conducting market research with specific attention to product-development. this program generally aims to promote the development of locally - available products from the research stations.



2 DOST-PCAARRD Researches

The region has partnered the DOST - PCAARRD in implementing researches that are of significant importance in the improvement of overall agricultural performance of the region. For the year, research on the improvement of soybean as well as native chicken industry were the main projects implemented under this program.



Irrigation Network Services

To develop and maintain irrigation systems in support to the agricultural programs the Department distributed the following irrigation support interventions amounting to **Php5,926,293.44**

Five (5) units of open source pumping set and drip irrigation

30 units with 26,278 meters of HDPE pipe

278 pieces of water plastic drums

66 group beneficiaries across the region.



Agriculture Machineries, Equipment, Facilities Support Services

To increase the production and productivity of different crops and profitability of farmers, decrease labor cost and promote the efficient use of energy and natural resources, the Department was able to distribute a total of 4,278 unit of various Pre and Post-Harvest Machineries, Equipment and Facilities amounting Php 642,152,537.28 to 123 groups and 2,149 farmer beneficiaries with the following details:



Farm Production Machineries and Equipment

93 units amounting Php 622,048,033.00
were given to **84 group beneficiaries**

Rice Program

- 2 units 4WD Tractors (35-45 hp)
- 2 units Hand Tractors with accessories
- 2 units Transplanter (walk behind)
- 4 units Mechanical Weeder
- 1 unit Palay Shed
- 1 unit Multi-Purpose Drying Pavement

HVCD Program

- 15 units Multi-cultivator
- 17 units Mini-chainsaw
- 17 units Grass Cutter

National Corn Program

- 3 units Four-wheel drive tractor for Corn (90hp minimum)

Livestock Program

- 25 units Egg Incubator
- 3 units L2N Mother Tank
- 1 unit Vehicle Disinfection System





Post-Harvest Machineries and Equipment

46 units with a total cost of Php 19,162,686.28 were given to **39 group beneficiaries**

Rice Program

- 2 units Warehouse
- 3 unit Recirculating Dryer
- 7 units Grain Collector

Corn Program

- 1 unit Recirculating Dryer (Mobile)
6 tonner unit
- 3 units Corn Husker – Sheller
- 3 units Electric Generating Set
for VTDs (50-75 KVA)
- 3 units Moisture meter

HVCD Program

- 10 units Moisture Meter
- 1 unit Hauling Truck
- 1 unit Bean Thresher

Organic Agriculture Program

- 2 units Pinawa Rice Huller



Farm and Other Production Related Tools/Supplies

4,139 units with a total cost of Php 941,818.00 were given to **2,149 group beneficiaries** to support the production in the region.

Organic Agriculture Program

- 26 pieces Plastic Drums
- 553 pieces Shovel
- 572 pieces Garden Bolo
- 2,100 pieces Hand Spade
- 888 pieces Farm Boots

FMRDS

Farm to Market Road Development Services



Completed

Nine (9) Farm-To-Market Road Projects

**Actual length: 9.08 kilometers
Coverage Area: 155 hectares
Project Cost: Php 156,832,891.32**

Composed of: Four (4) subprojects funded in 2020 & five (5) subprojects funded in CY 2021.



Substantially Completed

Five (5) Farm-To-Market Road Projects

**Actual Length: 3.78 kilometers
Coverage Area: 167 hectares
Project Cost: Php 73,333,416**

Composed of: One (1) subproject funded by 2020 & four (4) subproject funded by 2021.



Above 50%

Seven (7) Farm-To-Market Road Projects

Actual Length: 6.39 kilometers
Project Cost: Php 123,640,472.11

Below 50%

Ten (10) Farm-To-Market Road Projects

Actual Length: 17.90 kilometers
Project Cost: Php 212,589,125.47

Agricultural and Fisheries Engineering Support Activities (AFESA)

RAED was able to accomplish the following activities in support to the implementation of pre and postharvest machineries, equipment and facilities projects of the region:

Site validation to 83 units of recirculating dryers, Rice Processing Centers (RPC) and various livestock facilities including feed lots and multiplier farms.

Delivery and installation of 129 units of pre and post-harvest farm equipment and facilities such as cultivator, rice transplanter (walk behind), hand tractor, grain collector, mechanical weeder to the respective beneficiaries;

Prepared and reviewed a total of 44 Detailed Engineering Design/ Program of Works of various Agri Infrastructure and prepared specifications for the pre and post-harvest machineries, equipment and facilities;

For the year, nine (9) Local Agricultural Manufacturers, Fabricators, Assemblers, Distributors, Dealers, Importers and Exporters (MFADDIEs) were already registered and are given Permit-to-Operate (PTO) as follows:

1. Gertos Mini Welding Shop
Buenavista, Agusan del Norte
2. J&J Metalcraft
Remedios T. Romualdez, Agusan del Norte
3. Palco Welding Shop
Buenavista, Agusan del Norte
4. Sanico Fabrication & Machineries
Trento, Agusan del Sur
5. Salinas Welding Shop
San Miguel, Surigao del Sur
6. Cachuela Welding Shop
San Miguel, Surigao del Sur
7. Mejorada Welding Shop
Tago, Surigao del Sur
8. Agri Component Corporation
Butuan City
9. Karaga Farmers Shop, Butuan City

REGULATORY SERVICES

The **Regulatory Division** spearheaded the conduct and facilitation of the following activities all throughout the year in support to regulatory compliances:



Quality Control and Inspection

Inspected

- 175 Animal Feeds establishment
- 40 Veterinary Drugs and Products
- 32 Animal Facilities
- 58 Animal Product Handlers
- 68 Land Transport Carrier



Monitoring and Surveillance

Conducted Monitoring and Surveillance to 615 animal diseases and plant pests infestation, feed establishments, animal facilities, animal product handlers, land transport carriers and GAP/GAHP farms across the region.



Certification / Accreditation Activities

48 Applicants for Pre-assessment

- 31 Good Agricultural Practices (GAP) Applicants
- 12 Good Animal Husbandry Practices (GAHP) Applicants
- 5 Organic Farm Applicants

16 Application Endorsed

- 15 Good Agricultural Practices (GAP) Applicants
- 1 Good Animal Husbandry Practices (GAHP) Applicants



Regulatory Documents

Endorsed 144 Animal Feed establishments and Veterinary Drugs and Products outlets for license to operate

264 Animal Facilities, Animal Product Handlers (APH) and Land Transport Carriers (LTC) for the issuance of certificated

Issued one (1) Animal Show Permits



ASF Indemnification Fund

Granted

Php 1,735,000.00 to Local Government units of Loreto, Agusan del Sur, San Miguel, Surigao del Sur and San Francisco, Agusan del Sur as compensation for the 347 culled animals during the conduct of African Swine Fever (ASF) containment operations.



Collected 705 feed and blood samples. These was used to perform a variety of laboratory tests and ensure the use of adequate and representative samples of test materials for animal diseases, hazard identification, toxicological and nutritional characterization of identified hazards, as well as for estimating quantitative and reliable exposure levels in the case feeds samples.

Conducted Internal Control System (ICS) Training for GAHP potential farms at Mabe's Savory Place, San Francisco, Agusan del Sur, participated by farm owners, managers, and caretakers/ in-charge with the aim to help, guide and aid stakeholders on the certification process and protocol.



Philippine Rural Development Project

With the ongoing threats of COVID-19, the Philippine Rural Development Project-Regional Project Coordinating Office (PRDP-RPCO) team remained resilient, finding ways to achieve its goals and still deliver services. Below are the following:

COMPONENT 1

Local and National Level Planning (I-PLAN)



Assisted all Provincial and City LGUs in the modification and updating of their respective Commodity Investment Plans (CIP).

- ▶ Updated five (5) CIPs
- ▶ Four (4) CIPs were approved by the Provincial Development Council (PDC)

Started Crafting of the Value - Chain - Analysis (VCA) on Soybean. VCA Briefing and Action Planning were conducted in Tandag City, Surigao del Sur on August 18-20, 2021 followed by the Key Informant Interviews (KII) with soybean farmers in Trento, Agusan del Sur and Tago and San Miguel, Surigao del Sur on November 18-22, 2021 and December 1-3, 2021.

Conducted a Value-Chain Experiential Learning with Site Visit: Training of Trainers on Coffee Production, Farm Management, Integrated Pest and Disease Management, Pruning and Rejuvenation for Robusta on August 4-6, 2021 attended by coffee farmers across the region.

Conducted CIPs, LGU Module Updating to five (5) Provinces and 1 City of the region. Data showed that Php 10,023,000,000.00 was from non-PRDP subprojects in Caraga amounting to Php 3,016,000,000.00 were already completed.

COMPONENT 2

Infrastructure Development (I-BUILD)



Completed 21 sub-projects amounting to Php 1,092,431.00 from 2016 -2021, serving as a link from the production areas to markets.

Constructed/concreted four (4) subprojects at Agusan del Sur providing 8,505 farming households ample water supply, and road networks from farm to market . Below are the following:

- ▶ 4.76km Main Canal with Structures of Limbatangan Communal Irrigation System (CIS) in Rosario;
- ▶ 2.711km Main Canal and Lateral and Structures of Laminga CIS in San Luis;
- ▶ Mahapag - Dona Maxima FMR in San Luis; and
- ▶ Marcelina - Mahapag FMR (Package 2) in Bayugan City and San Luis.



COMPONENT 3
Enterprise Development (I-REAP)



This year, I-REAP subprojects have a total portfolio of 14 subprojects amounting Php 13,369,000.00 of which the 13 subprojects were already approved and 1 pipelined status.

Since 2016, a total of 10 subprojects were already completed amounting Php 78,390,000.00 benefiting 3,128 farmers and fisherfolk.

This year, four (4) subprojects were already completed amounting Php 28,817,945.21 with details as follows:

- ▶ Input Provision for Cardava Production and Marketing amounting Php 3,142,800.00 in Libjo, Dinagat Islands;
- ▶ Geonet Production and Marketing amounting Php 10,501,000.00 in Claver, Surigao del Norte;
- ▶ Bangus Production and Marketing amounting Php 11,324,150.00 in Cantilan, Surigao del Norte; and
- ▶ Abaca Fiber Consolidation and Marketing amounting Php 3,849,995.21 in Lianga, Surigao del Sur.

Turned-over hauling trucks and warehouses for CLACOFARMCO and CAMPCO in Claver, Surigao del Norte and Cantilan, Surigao del Sur, and consolidation and storage building of SIFAMCO in Lianga, Surigao del Sur.



COMPONENT 4
Project Implementation Support (I-SUPPORT)



M&E spearheaded the conduct of Rapid Appraisal of Emerging Benefits (RAEB) for the completed I-REAP subproject: Integrated Abaca Enhancement Enterprises for Agusan del Norte.

Conducted final Environmental and Social Management Plan (ESMP) compliance report for completed subprojects, while the GGU prepared for the AGT certificates.

InfoACE

- ▶ Released 36 press to various media outlets such as the Philippine Information Agency, Philippine National Agency, and PRDP website
- ▶ Produced 44 audiovisual presentations and 63 talking heads
- ▶ Posted 85 updates of field activities, PG, and farmer-beneficiary's interviews on the DA-Caraga Facebook page and YouTube.
- ▶ Aired 20 radio plugs/news were via Hope radio.

Other Accomplishments, Innovations and Mainstreaming Efforts



Conducted ROMAT to members to equip them with knowledge on the use of the OMAS mobile app via virtual meetings facilitated by the NPCO. Also, to encourage possible conduct of O&M audit to the subprojects under the Regular Program of the Department.



Special Area for Agricultural Development

SAAD Caraga were assisting a total of 33 group beneficiaries with a total of 1,105 group members by providing package of interventions supporting their crop and livestock production projects since 2019.



SAAD Caraga was able to distributed a total of 6,000 kilograms of rice seeds and 700 kilograms of peanut seeds, 107,650 pieces abaca and banana planting materials, 122,970 kilograms fertilizers/ soil ameliorants, 379 kilograms fungicide and 1,608 insecticide/ herbicide, 1,244 heads various animals, 164,550 kilograms various feeds for chicken, 1,110 various drugs and biologics, 6,552 various farm supplies, 350 pieces various farm tools, 31 units machineries and equipment and established two (2) units nurseries for abaca.



Mag-uumang Manobo sa Hinapoyan (MAMASAH!), a group beneficiary of camote production project is already a step closer to their goal in enterprising their camote chips. Through the training provided by the program and with the assistance of the Department of Trade and Industry (DTI) who imparted knowledge and information to the beneficiaries of MAMASAH!, ideas for product packaging, labeling and pricing was already set and formulated.



Profiling a total of 21 possible markets: six (6) for abaca, two (2) cacao, five (5) native chicken with one (1) possible market for goat, and eight (8) for chips/raw camote with two (2) possible markets for native chicken.



Among the identified markets for abaca is the Farmers Alternative for Self-Reliance Multi-Purpose Cooperative (FASRMCO), which is also supported by the Department of Agriculture. Moreover, JB Nature Farm and Resort is one of the identified markets for raw camote and for native chicken.



A total of 13 different types of trainings were provided to SAAD beneficiaries benefitting all the 32 groups and capacitated 534 group members. Trainings provided includes:

- Good Agricultural Practices (GAP) for Abaca, Banana, and Cacao Production;
- Training on Peanut Production and Management;
- Training on Abaca Nursery Operation and Management;
- Training on Pre and Post-Harvest Handling on Abaca and Cacao;
- Training on Product Packaging, Labeling and Pricing of Camote Chips and Fries;
- Training Product Packaging, Labeling and Pricing of Ube Flour and Ube Jam;
- Good Animal Husbandry Practices (GAHP) for Native Chicken Production;
- Technology Training on Native Chicken Production; and
- Training on Product Development for Camote and Ube.



SAAD Saga (2-Provincial and 1-Regional) were conducted and participated by 32 group beneficiaries. During the conduct of the activity, beneficiaries were nominated and evaluated based on their project management, accomplishments and short-term results, innovativeness, and sustainability efforts. Thus, the activity ended by identifying the following outstanding beneficiaries in the region:

Agriculture Sector

- Grand winner:** Cancavan Corn Growers Association (21 members) – Carmen, Surigao del Sur
- 2nd Place:** Culiram SAAD Abaca Farmers' Association (66 members) – Talacogon, Agusan del Sur
- 3rd Place:** Balete Chicken Growers Association (31 members) – Bayabas, Surigao del Sur
- Finalists (non-placers):**
1. Muritula USAD Farmers' Association (80 members) – San Luis
 2. Mag-uumang Manobo saHinapoyan Association (50 members) – Carmen
 3. Cosep Peoples' Organization (54 members) – Rosario

Fishery Sector

- Grand winner:** Marjhun Samson (individual) – Esperanza, Agusan del Sur
- 2nd Place:** Doña Flavia Farmers and Fisherfolk' Association (84 members) – San Luis, Agusan del Sur.
- 3rd Place:** Soong Fisherfolk Association II (20 members) – Tago, Surigao del Sur
- Finalists (non-placers):**
1. Vosbogart Acop (individual) – Sta. Josefa, Agusan del Sur
 2. Samahan ng mgaMangingisdasa Barcelona (23 members) – Lingig, Surigao del Sur.
 3. Joel Gatillo (individual) – Bayabas, Sungao del Sur

The winners received plaques of recognition, certificates of appreciation (finalists), and additional SAAD livelihood interventions as prizes. Winning farmers associations received projects worth Php 250,000 for the grand prize, Php 150,000 for the 2nd place, and Php 120,000 for the 3rd place. The three remaining non-placers took home Php 60,000 worth of interventions as consolation prizes. Also, winners from the fishery sector received Php 40,000 for the grand prize, Php 30,000 for the 2nd place and Php 20,000 for the 3rd place.



Adaptation and Mitigation Initiative in Agriculture

This year, eight (8) AMIA Villages were established by the program in Barangays Navarro and Diaz, Tubajon, Dinagat Islands, and Jubgan, Banabon, and Diaz, San Francisco, Surigao del Norte and Magsaysay, Jabonga, Agusan del Norte.

Upon the launching of these villages, the program equipped the farmer beneficiaries with various trainings and different farm inputs as follows:

- ▶ Package of Technology Training for rice, corn, vegetable, mushroom, livestock and poultry production, attended with 158 participants from Sibahay, Lanuza and Bunga Surigao del Sur;
- ▶ 260 heads of ducks and chickens packaged with 42 bags of various feeds consist of chick booster, starter and grower, and 60 vials/box of drugs and biologics amounting Php 119,460.00; and
- ▶ 1,489 bags/ packs/ kilograms of rice, corn, assorted vegetable and organic concoctions such as ginger, onion, garlic, hot pepper and Mallorca amounting Php 92,280.00;
- ▶ 42 meters/liters of garden hose and plastic drums amounting Php 9,233.00.



Conducted:

- ▶ Season Long Training in the province of Surigao del Norte attended with 41 participants;
- ▶ Training on Building Climate Smart Agriculture in the Province of Surigao del Sur and Agusan del Sur; and
- ▶ Training workshop on Development of Farm and Fishery Advisories based on Climate Weather Outlook to capacitate the LGU's on how to craft timely, participated with 43 virtual participants.
- ▶ Conducted Project briefing, orientation and site selection of the farmer's association beneficiary of AMIA Village in San Francisco, Surigao del Norte, Tubajon, Province of Dinagat Islands, Talacogon, Agusan del Sur and Lanuza, Surigao del Sur.
- ▶ Conducted Climate-resilient Agri-fishery (CRA) and (CBA) baseline data gathering

With the collaboration of Caraga State University (CSU) in conducting Climate Resilient Vulnerability Assessment (CRVA) for the province of Surigao del Sur and Agusan del Sur, CRVA Maps were already completed which lead to find out that Lanuza, Surigao del Sur and Talacogon, Agusan del Sur were among the most vulnerable municipalities in climate variabilities. With this, series of coordination meetings were conducted in preparation for the establishment of AMIA Village. Identification of potential recipient, project site, validation and Cost-Benefit Analysis (CBA) were also conducted.

CRVA results in the Provinces of Surigao del Norte, Dinagat Islands, Agusan del Sur and Surigao del Sur were presented and posted to social media to disseminate the information on the vulnerability to climate risks based on the data gathered.

Halal Program

In 2021, Halal Program conducted the following activities for the promotion and implementation of the program:

Coordinated the Department of Trade and Industry (DTI) for the IDCP Halal Certification of 17 Islamic Dawa'h Council of the Philippines (IDCP) Halal Certified products of three (3) Micro, Small and Medium Enterprises (MSMEs) and eight (8) MSMEs Coordinated with Caraga State University for the conduct of "Halal Market Research Study" for CY 2022. Profiling of few Halal implementer Prospects (MSME, OA Farm, GAP-certified Farms and ATI-LSAs);

Facilitated the applications of 11 MSMEs for Halal Certification this year with which three (3) applicants were approved with 17 products.

▶ **Jida Aqua Resources, Butuan City Renewal:**

- 1.JIDA Bangus in Corn Oil Hot and Spicy
- 2.JIDA Bangus in Corn Oil Salted Black Beans
- 3.JIDA Bangus in Corn Oil Tomato Sauce
- 4.JIDA Bangus in Corn Oil Chunky Classic

New Products:

- 1.JIDA Sardines in Corn Oil Hot and Spicy
- 2.JIDA Sardines in Corn Oil Classic Blend

▶ **Radin Food Products, San Francisco, Agusan del Sur**

- 1.Radin Special Guinamos, Classic Flavor
- 2.Radin Special Guinamos, Hot & Spicy,
- 3.Radin Special Guinamos, Chilimansi Flavor
- 4.Radin Guinamos Paste, Classic Flavor
- 5.Radin Guinamos Paste, Hot & Spicy

▶ **Janicahh Food Products, Trento, Agusan del Sur Renewal:**

- 1.Mangosteen Tea (1L, 2L, 4L)
- 2.Mangosteen-kalamansi Concentrate (500ml, 1L)
- 3.Kalamansi Concentrated (500ml, 1L)

New Products:

- 1.Mangosteen-Kalamansi Juice
- 2.Kalamansi Juice
- 3.Ginger - Kalamansi Juice

***Based on the Mindanao Muslim Halal Certification Board, Inc. (MMHCBI), only VPO Farm situated at Rosario, Agusan del Sur were certified as Phil-GAHP Farm*

Conducted Halal product certification pre-audit to 10 MSMEs;

The following trainings and training - related activities were also conducted and/ or facilitated by the program:

- ▶ Three (3) batches of IDCP Remote Audit on September 29, October 5 and 14, 2021 attended with 24 participants;
- ▶ Halal Basic Principles and Fundamentals on November 10, 2021 attended with 30 participants;
- ▶ Hallal Assurance Management System (HAMS) on November 26, 2021 participated with 21 participants; and
- ▶ Coordinated with DTI for the conduct of Halal Basics and Fundamental Trainings and Halal Assurance Management System to 30 MSMEs, farmers 16 DA Technical and RES staff facilitated by Philippine Trade Training Center.



Kabuhayan at Kaunlaran ng Kababayang Katutubo

Before providing our IP communities with the agricultural planting materials and agricultural livestock, 4Ks Program conducted series of technical training in the provinces of Agusan del Norte, Agusan del Sur, Surigao del Norte, and Surigao del Sur to ensure that every IP communities are equipped with the needed knowledge to establish their own farm so they could be ready skill-wise to accept and utilize the aide from the DA-4Ks Program. Below are the following:



▶ Abaca and banana production training for Wawa Sectoral Tribal Council (WSTC) of CADT 093 in Sibagat, Agusan del Sur;

▶ Goat, chicken, and rice production training for Bunawan Manobo Ancestral Domain Management Council, Inc. (BMADMCI) of CADT 136 in Bunawan, Agusan del Sur;

▶ Vegetable, corn, chicken, and goat production training for Cabantao, Maligaya, Marfil, Pamintingan, Caulisihan, Maputi, Masabong (CAMMPACAMM) Ancestral Manobo Tribal Association of CADT 078 in Rosario, Agusan del Sur;

▶ Abaca and carabao production training for Kahugpungongan saTribung Mamanwa saTiltilan (KATRIMATI) of CADT 048 in Gigaquit, Surigao del Norte;

▶ Chicken and carabao production training for Manobo Tribal Council of Elders (MANTRICO) of CADT 246 in Bayugan City, Agusan del Sur;

▶ Vegetable and carabao production training for Mauswagong Mamanwa sa Payapag (MAMAPA) of CADT 048 in Bacuag, Surigao del Norte;

▶ Corn and carabao production training for San Miguel Manobo Indigenous Communities (SAMMIC) of CADT 116 in San Miguel, Surigao del Sur;

▶ Rice and carabao production training for Bayugo Manobo Tribal Council of CADT 238 in Madrid, Surigao del Sur and Manobo Tribal Council of Sote (MATRICOSO) of CADT 239 in Bislig City, Surigao del Sur;

▶ Banana and carabao production training for Mamanwa Farmers Association of CADT 134 in Kitcharao, Agusan del Norte and Puting-Bato Mamanwa Manobo Indigenous Peoples Organization of CADT 092 in Cabadbaran City, Agusan del Norte;

▶ Banana production training for Sulhayan Kumadon Lekda Association of CADT 252 in Buenavista, Agusan del Norte.

After educating and reinforcing to ICCs/IPs with essential knowledge that they need to acquire to be able to properly manage the agricultural projects, the planting materials, livestock, machinery, equipment and infrastructure projects that they identified in their project proposals with details as follows:



Delivery of 224 sacks of rice seeds, 75,500 pieces of plating materials such as abaca suckers and tissue cultured lacatan banana and 1,200 sacks of soil ameliorants amounting to Php 2,035,760.00 to the IP farmers of Bunawan Manobo Ancestral Domain Management Council, Incorporated (BMADMCI) in CADT 136, Bunawan, ADS, Wawa Sectoral Tribal Council and WSTC of CADT 093, Sibagat, Agusan del Sur, Kahugpungongan sa Tribung Mamanwa sa Tiltilan (KATRIMATI) of CADT 048 in Mahanub, Gigaquit, Surigao del Norte and Mamanwa Farmers Association of CADT 134 in Kitcharao, Agusan del Norte;



Delivery of 764 heads of goats and chickens, and turn-over of goat and chicken houses amounting Php 5,134,500.00 to the IP Farmers of BMADMCI of CADT 136 in Bunawan, Agusan del Sur and Cabantao, Maligaya, Marfil, Pamintingan, Caulisihan, Maputi, Masabong (CAMMPACAMM) of CADT 078, in Rosario, Agusan del Sur;



Turn-over four (4) units of Pre and Post-Harvest machineries, equipment and facilities such as of diesel engine driven Compact Corn mill and 3 in 1 Corn Sheller, and Four-wheel drive Tractor amounting Php 3,138,000.00 to the IP farmers of Cabantao, Maligaya, Marfil, Pamintingan, Caulisihan, Maputi, Masabong (CAMMPACAMM) Ancestral Manobo Tribal Association of CADT 078, Rosario, ADS and San Miguel Manobo Indigenous Cultural Communities (SAMMICC) of CADT 116, San Miguel, Surigao del Sur.



Planning, Monitoring and Evaluation

The COVID-19 has created a shift of regular mode of doing business in response to implemented restrictions in the effort of the government to minimize the spread of the virus and recover with the pandemic within the shortest time possible. Few of the offshoots of the pandemic were the innovative ways in conducting meetings, workshops and trainings through virtual platforms. Among the highlights of the activities conducted by the division are the following:



Plan and Budget Proposal (PBP) activities according to the Annual Budget Calendar set by the Department of Budget and Management (DBM);

- ▶ Presentation of the FY 2022 PBP;
- ▶ Civil Society Organization (CSO) Consultation and Briefing with the Caraga Congressional Representatives on the FY 2022 PBP;
- ▶ Facilitated the review of DA Caraga's FY 2022 Budget Execution Document (BEDs) with the BPs, OUs, and Special Projects;
- ▶ Briefing on the preparation of FY 2023 PBP to DA OUs, SPS/BP and LGUs; and
- ▶ Presentation of FY 2023 PBP to the LGUs.



Facilitated the conduct of Assessment and Updating of the Small-Scale Irrigation Plan (SSIP) and Regional Agriculture and Fishery Mechanization Plan (RAFMechP);



Facilitated the conduct of Strategic Planning Workshop of Agribusiness and Marketing Assistance Division (AMAD);



Facilitated the Cascading and Technical Review of the National Agriculture and Fisheries Modernization and Industrialization Plan (NAFMIP) 2020-2030;



Regional Food Security Summit was conducted with participation of the public and private stakeholders as part of the crafting of strategic action plans addressing present emerging challenges and opportunities of the agriculture and fishery industry;



Facilitated the conduct of Devolution Transition Plan (DTP) in compliance with the Supreme Court Ruling of the Mandanas-Garcia Petition:

- ▶ Orientation/cascading of the DTP with the Provincial/City/Municipal Local Government Units (LGU) and Banner Programs (BPs) and Operating Units (OUs) of the Department; and
- ▶ Regional Deliberation and DTP meeting with the OUs.





Conducted monitoring activities in the municipalities of Agusan del Norte, Agusan del Sur and Surigao del Sur where no border restrictions were being implemented:

- ▶ A total of 77 Multiplier Farm Projects for Native Chicken, Hybrid Goat and Native Swine under the Livestock Program and seven (7) Organic Agriculture Trading Post projects under Organic Agriculture with Monitoring and Evaluation report was presented to the DA Management during the Report Conference last June 24, 2021;
- ▶ A total of 90 units of Pre and Post-Harvest Machineries, Equipment and Facilities distributed/established under the 2018 Rice Competitiveness Enhancement Fund (RCEF) with Monitoring and Evaluation report was presented to the DA Management during the Report Conference last November 12, 2021;
- ▶ Monitoring of the established and maintained production facilities and machineries and equipment at the Research and Experiment Stations in Tagbina, Surigao del Sur, Trento and Del Monte, Talacogon Agusan del Sur.

To address various issues, concerns and strategies for better and harmonious project implementation and reporting systems following activities were spearheaded by the Monitoring and Evaluation Section:

- ▶ Program Coordinators and Report Officers Meetings;
- ▶ Mid-year and Year-end Reviews and Assessments; and
- ▶ PMED Internal review and Assessment.

The Information, Communication technology Unit (ICTU) deployed the Comprehensive Administrative System (UCAS) in the local server. The following modules are successfully configured in the region:

- ▶ Personnel Information Portal (PIP);
- ▶ Property Management Information System (PMS); and
- ▶ Procurement System (PS).

The ICTU also expanded the Network Structure Cabling for ICTU network by restoring the Peer-to-peer communication Tower from Barangay Taguibo, Butuan City to DA 13 office.

ICTU also distributed a total of 20 units Laptops amounting Php 880,000.00 to 20 DA employees

PMED initiated monitoring and evaluation using snail mail for the provinces with travel restrictions for the planting materials distributed within CY 2017-2018 under High Value Crops Development Program (HVCDP). A total of 776 mails were sent to 776 farmer beneficiaries to which 174 beneficiaries already responded the sent mails within the year.

Regional Agricultural and Fisheries Council

The Department through Regional Agricultural and Fishery Council (RAFC) conducted the following activities:



17 Consultation Meetings which identified and discussed pressing issues, identified opportunities to address problems/issues, kept abreast on the latest development in agri-fishery sector, strengthened participation of private partners in agri-fishery development. This year seven (7) policy recommendations were endorsed while two (2) are still on going refinement. Also, eight (8) local issues out of nine (9) targets were already resolved;



578 activities of AFC Validation activities were inputted in the centralized AFC database;



Validation of the AFC membership in the regional, provincial and municipal levels;



Yearly Immersion of the Farmer-Director was also conducted by then RAFC Chairperson Alexander P. Lanaria observing the current implementation of the DA's Programs and Projects and provided inputs and recommendations for consideration of the Department. Also, dialogues were spearheaded by the RAFC Chairperson to seek support from the Local Chief Executives (LCEs) and other National Government Agencies (NGAs) on the AFC activities.



Monitoring of 384 Projects consisting Pre and Post-Harvest Facilities, Equipment and Facilities, Communal Irrigation Projects (CIP), FMRs, and livelihood projects with reports on the status of implementation, bottlenecks and policy recommendations were discussed with DA Management during the Report Conferences;



Facilitated the AFC Day which provide an avenue for the convergence, discussions, and showcasing their best practices and innovations in sustaining the councils. This was also to Foster and strengthen camaraderie between and among different levels of AFCs.



Developed Data Management System which facilitates submission and easy tracking of reports and documents;



General Administration Support Services

Human Resource Section

The Human Resource Section (HRS) continues to provide competitive learning opportunities to the personnel and staff of Department of Agriculture – Caraga as well as career opportunities for jobseekers.

This year, HRS spearheaded the conduct of Basic Computer Skills Course aimed to maximize the use of technology for efficient communication, record keeping and data basing therefore increasing office productivity. This activity is composed of four (4) Modules such as Advance Microsoft Excel Skills, Google Meet, Personal Information Portal and File Server.



HRS also conducted Oath Taking Ceremonies with DA – Caraga Regional Executive Director, Abel James I. Montegudo administering the oath of the following Promoted and Newly Appointed Employees:

Promoted

Johnny M. Concon
Chief Agriculturist
Regulatory Division

Jofre F. Hablo
Engineer III
Regional Agricultural Engineering Division

Iris A. Sagarino
Senior Agriculturist
Regulatory Division

Catherine B. Juyno
Agricultural Center Chief III
Del Monte Lowland Rice Research Station

Norvien T. Mantilla
Senior Science Research Specialist
Research Division

Jayson Dalapo
Farm Superintendent
Del Monte Lowland Rice Research Station

Marco Antonio C. Morido
Agricultural Center Chief II
Field Operations Division

Noli G. Orog
Senior Agriculturist
Field Operations Division

Ivy Kristine A. Wamar
Agriculturist II
Field Operations Division

Newly Appointed

Marriz R. Tidalgo
Chemist III
Regional Soils Laboratory

Analy L. Solania
Science Research Specialist I
Research Division

Gerardo P. Butcon
Administrative Aide IV
Office of the Regional Executive Director

Ritchie N. Abastillas
Engineer II
Regional Agricultural Engineering Division

Jane Marde C. Gumila
Science Research Assistant
Tagbina Research and Experiment Station

Jennylyn E. Cardino
Science Aide
Tagbina Research and Experiment Station

Algen Joy M. Aparece
Science Research Specialist I
Research Division

Vunny Michelle C. Baradillo
Laboratory Aide II
Regional Crop Protection Center



General Administration Support Services

Human Resource Section



Orientation of newly appointed employees was also conducted by the HRS to provide basic information about the Department's programs, projects and activities. This also to discuss on the roles, responsibilities, policies, rules and regulations the employees have to abide as an active government worker and their obligations as an employee of the Department.

HRS also facilitated the rigorous conduct of hiring for the 18 unfilled positions of the Agency with the aid of the Personnel Selection Board (PSB) through Qualifying Exams, Work Sample Tests, and Behavioral Interviews.

HRS conducted a Re-orientation Program for Contract of Service as part of the Employee Orientation Course last September 1 and 2, 2021. This is to refresh employees on the office policies and guidelines.

A simple yet meaningful "*Salamat – Mabuhay Tribute*" was conducted to honor Isabelita L. Ocampo, Supervising Agriculturist assigned at Agribusiness and Marketing Assistance Division (AMAD) in recognition for her 31 years of government service last May 27, 2021. This tribute was held to extend the heartfelt gratitude and utmost appreciation for her remarkable contribution to the realization of the goals of the Department of Agriculture – Caraga.

HRS spearheaded the Awarding Ceremony in recognition of the 11 employees who rendered their services for significant number of years as Government Employees conducted last December 28, 2021. Loyalty Awards and tokens were handed-over by Director Ricardo M. Oñate, Jr. to the following employees:

For 25 Years in Government Service
Maria Victoria G. Monteclaro

For 20 Years in Government Service
Zotico D. Dahino, Jr.
Maria Teresa C. Espinido
Leo M. Montes
June Anthony S. Ouano
Hazel Y. Ormita
Ricardo R. Palattao
Emmylou T. Presilda
Jodel A. Tabada
Ellenflor W. Willis
Rhodielyn Y. Bacsarpa

Opportunity to grow professionally outside the agency is also encouraged to its personnel. For the year 2021, three (3) employees were able to receive a scholarship grant from various sponsors as follows:

Geovanie D. Jabagat
MS in Soil Science minor in Plant Breeding
Department of Science and Technology

Clint Jun G. Dahino
Master's Degree Program in Agricultural
Science and Resource Management in the
Tropics and Subtropics (ARTS)
University of Bonn

Janet N. Pasayon
Master's Degree Program in High-Value
Added Agriculture (ASIA)
Korea International Cooperation Agency

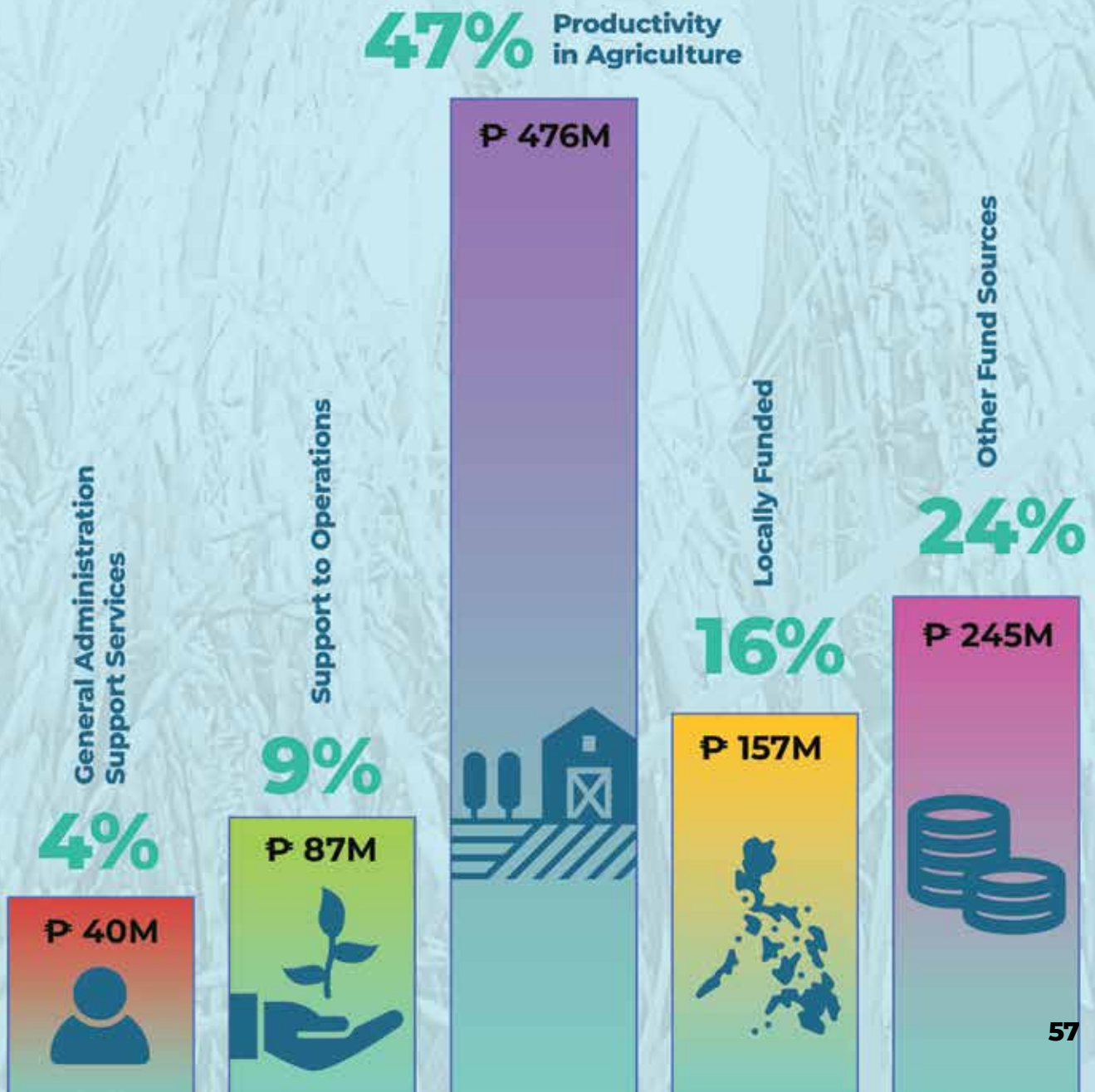


Finance Section

DA Caraga has a total budget allocation of Php 1,008,003,666.70 for CY 2021. A total of Php 935,884,237.53 or 93 percent was obligated within the year with a disbursement rate of 78.94 percent or Php 795,706,762.69 over its obligated budget.

The total budget is classified into five (5) major program expenditures composing 4 percent under General Administration Support Services (GASS), 9 percent under Support to Operations (STO), 47 percent under Productivity in Agriculture, 16 percent under Locally Funded and 24 percent under Other Fund Sources.

GASS obligated Php 39,982,051.33 or 98.80 percent of its total budget and disbursed Php 37,130,042.79 or 91.76 percent of its total obligated budget. STO was able to obligate 97.21 percent or Php 85,339,624.74 of its allocation and disbursed 88.10 percent or Php 77,341,693.30 of its obligation. Productivity in Agriculture obligated 96.09 percent or Php 457,527,259.30 of its allocation and disbursed 77.09 percent or Php 371,330,784.17 of its obligation. Locally Funded obligated Php 107,387,069.66 or 68.06 percent of its allocation and disbursed Php 64,264,477.73 40.73 percent of its obligation. Other Fund Sources obligated Php 245,648,233.00 or 99.93 percent of its allocation and disbursed Php 245,639,765.00 or 99.93 percent of its obligated budget for the year.



Integrated Laboratories Division (ILD) has been continuously upgrading its Laboratories to provide better and expanded services:

*DA-RFO13 Integrated Laboratories Division (ILD) is **one of the 52 laboratories in Southeast Asia Region** that passed all the parameters for soil, fertilizer and plant tissue with a z-score of less than 2 during 2021 Proficiency Testing conducted by Food and Fertilizer Technology Center (FFTC) for the Asian and Pacific Region and Taiwan Agricultural Research Institute (TARI) Council of Agriculture*

Regional Animal Disease Diagnostic Laboratory (RADDL)

Diagnosed **4,600 samples** of pathology, parasitology, virology, bacteriology, serology and necropsy serving a total of **2,910 farmers** across the region.

Conducted **1,285 disease investigation and surveillance** across the region.

Spearheaded the Rabies Prevention Control and Eradication Program of which **four (4) Island Municipalities of Surigao del Norte** were declared as rabies free by the Department of Health.



Regional Soils Laboratory Section (RSL)

Analyzed **3,253 samples** of soil, organic soil amendments, and special assay covering a total of **3,811 hectares** serving a total of **1,269 farmers**.

Refilled **64 Soil Testing Kits (STK) and Rapid Soil Test (RST)** kits serving of eight (8) farmers across the region.

Feed Chemical Analysis Laboratory (FCAL)

Analyzed **1,933 samples** of crude protein, crude fat, moisture content, ash, crude fiber, aflatoxin feeds, and aflatoxin in corn for the year.



Upgraded apparatus through the use of Reverse Transcription Polymerase Chain Reaction (RT-PCR) Machine.



Regional Crop Protection Center (RCPC)

Produced **92,096 packs** of *Metarhizium anisopliae*, *Trichoderma*, *Trichogramma evanescens*, *Trichogramma chilonis*, *Trichogramma japonicum* and Earwigs this year.

The Center conducted mass production of the following BCAs:

Green Lacewing as it preys on aphids, thrips, mealybugs, whiteflies, armyworms, budworms, bollworms, borers, corn earworms and scale insects.

Assassin bug to control Lepidopterous insect pests attacking vegetables, legumes and cereals.

Entomopathogenic fungi *Beauveria bassiana* for the control of whiteflies, aphids, thrips, grasshoppers and certain types of beetles.

Nuclear Polyhedrosis Virus to control fruit worm, cutworm, pod borer and other lepidopterans, hemipterous and coleopterous pests.

RCPC also conducted Pest and Diseases validation to 308 farm areas across the region.

Loan Facilitation Services

KAYA

Under KAYA Loan Program, Php 93,170,924.00 worth of financial assistance was granted to 5 Small Farmers and Fisherfolks (SFF);

ANYO

For Agri-Negosyo Loan Program a total of Php 93,170,924.00 was distributed to 1,165 Small Farmers and Fisherfolks (SFF) and Medium-Small Enterprise (MSE);

SUREAid

Under SURE Aid Assistance Program, a total amount of Php 13,846,000.00 was granted to 269 Small Farmers and Fisherfolks (SFF) and Medium-Small Enterprise (MSE) borrowers through the 8 conduits of DA-ACPC across the region.



AWARDS AND RECOGNITIONS



AgriAwards 2021



Sheila Mae Villanueva
First Place Spoken Word Poetry

Eduka-AGG, Butuan City
First Place Radio Drama Category

Byaheng Agricultura by BA21 Butuan & Buenavista, Agusan del Norte
First Place Vlog Category



Regional Agricultural and Fishery Council



National Award

Most Number of Monitoring Activities Award

Unique Regional Award

Padayon sa Pagbantay Award

PAFC Agusan del Sur

Most Strategic Consultation Award

MAFC RTRomualdez, Agusan del Norte

Most Strategic Consultation Award

Philippine Rural Development Project



CONGRATULATIONS!
REGION 13

Gold Award

Top Performing for 2021



First Place

Physical Accomplishment Award

First Place

Financial Accomplishment Award

First Place (Province of Agusan del Sur)

IPLAN Top 5 Leveraged Funds Award

Third Place (Province of Agusan del Norte)

IPLAN Top 5 Leveraged Funds Award

Convergence Partnership Award

VCA Updating Award

Third Place

O&M Award

Physical Accomplishment Report Award

First Place

Enterprise Operations Manual (EOM) Award

Second Place

Enterprise Assessment and Capacity Development Plan Award

Third Place

Greatest number of Completed IREAP Sub-projects

First Place

Knowledge Management Award

First Place

Highest Non-PRDP Investments in Mindanao

KEY OFFICIALS



Abel James I. Monteagudo
REGIONAL EXECUTIVE DIRECTOR
(MARCH 2017 TO NOVEMBER 2021)



Engr. Ricardo M. Oñate, Jr.
REGIONAL EXECUTIVE DIRECTOR
(NOVEMBER 2021 TO PRESENT)



Rebecca R. Atega
OIC-REGIONAL TECHNICAL DIRECTOR
FOR OPERATIONS AND LGU SUPPORT
CHIEF, FIELD OPERATIONS DIVISION



Nicandro M. Navia, Jr.
REGIONAL TECHNICAL DIRECTOR
FOR RESEARCH AND REGULATIONS & ILD



Josefa M. Gidacan
CHIEF, PLANNING, MONITORING
& EVALUATION DIVISION



Corazon A. Yamit
OIC, ADMIN & FINANCE DIVISION



Lynn A. Pareñas
CHIEF, AGRIBUSINESS &
MARKETING ASSISTANCE DIVISION



Abel F. Wagas
OIC, RESEARCH DIVISION



Rene Q. Morales, RPAE
OIC, INTERIM REGIONAL AGRICULTURAL
ENGINEERING DIVISION



Johnny M. Concon
CHIEF, REGULATORY DIVISION



Gemma A. Asufre
OIC, INTEGRATED LABORATORIES DIVISION

REGIONAL MANAGEMENT COMMITTEE

ENGR. JUNE NATHANIEL S. PLAZA
 ACTING REGIONAL MANAGER
 NATIONAL IRRIGATION ADMINISTRATION 

ENGR. MARCELO P. DAYO
 REGIONAL SWAT/ BSWM COORDINATOR
 BUREAU OF SOILS AND WATER MANAGEMENT 

OMNIA B. OLAMA
 OIC, REGIONAL DIRECTOR
 BUREAU OF FISHERIES AND AQUATIC RESOURCES 

DR. LOWELL C. PARAGUAS
 CENTER DIRECTOR
 PHILIPPINE CARABAO CENTER 

VERALEW DE VERA
 OIC, REGIONAL MANAGER
 NATIONAL FOOD AUTHORITY 

ENGR. EDGAR B. TESTA
 CLUSTER A HEAD, MINDANAO AREA
 PHILIPPINE CENTER FOR POSTHARVEST
 DEVELOPMENT AND MECHANIZATION 

JOEL B. OCLARIT
 REGIONAL MANAGER
 PHILIPPINE COCONUT AUTHORITY 

ALFREDO Y. LOBOG
 CHAIRMAN
 REGIONAL AGRICULTURAL AND FISHERY COUNCIL 

DR. MARIA ANCILLA ZARTIGA
 OIC, DIRECTOR
 NATIONAL MEAT INSPECTION SERVICE 

DANILO S. NEGRE
 COORDINATOR
 FERTILIZER AND PESTICIDE AUTHORITY 

DR. CAESAR JOVENTINO M. TADO
 ACTING BRANCH MANAGER
 PHILIPPINE RICE RESEARCH INSTITUTE 

DR. ALDWIN P. CUENCA
 REGIONAL ANIMAL QUARANTINE OFFICER
 BUREAU OF ANIMAL INDUSTRY 

ROEL U. DURENS
 DIRECTOR II
 PHILIPPINE FIBER INDUSTRY DEVELOPMENT AUTHORITY 

RAYME S. LADAO
 REGIONAL PLANT QUARANTINE OFFICER
 BUREAU OF PLANT INDUSTRY 

FIL VICTOR BABANTO
 OIC, CENTER DIRECTOR
 AGRICULTURAL TRAINING INSTITUTE 

JESTER JOHN P. JADAP
 OIC, DEPARTMENT MANAGER - CDO
 NATIONAL DAIRY AUTHORITY 

MARLON C. FLORES
 OIC, DEPARTMENT MANAGER - DVO
 NATIONAL DAIRY AUTHORITY

LOCAL GOVERNMENT UNIT

PROVINCIAL/CITY AGRICULTURIST

PROVINCIAL/CITY VETERINARIAN

ALVIN P. ACLAN
 AGUSAN DEL NORTE 


BELEN M. ARUELO, DVM
 AGUSAN DEL NORTE

ARMANDO G. VALIENTE
 AGUSAN DEL SUR 

JORIZ G. ELEVAZO, DVM
 AGUSAN DEL SUR

RUBY-ANN S. LAGAHIT
 SURIGAO DEL NORTE 

LIFE SHEILA L. CUBILLANES, DVM
 SURIGAO DEL NORTE

MARCOS M. QUICO, RA, MPA
 SURIGAO DEL SUR 

GERVACIO A. YPARRAGUIRRE, DVM
 SURIGAO DEL SUR

ENGR. MARLON E. CUECO
 DINAGAT ISLANDS 

AIMEE A. JIMENO, DVM
 DINAGAT ISLANDS

ENGR. PIERRE ANTHONY D. JOVEN
 BUTUAN CITY 

MANCIO DANILO A. ALEGADO, DVM
 BUTUAN CITY

CITY AND MUNICIPAL AGRICULTURIST

AGUSAN DEL NORTE

GERTRULYN A. NATONTON
BUENAVISTA, AGUSAN DEL NORTE

MA. ARCELI C. SORIA
CABADBARAN CITY, AGUSAN DEL NORTE

JOSEPH L. DELOS SANTOS
CARMEN, AGUSAN DEL NORTE

ROLLY O. CARSULA
JABONGA, AGUSAN DEL NORTE

RAUL M. DEL AGUA
KITCHARAO, AGUSAN DEL NORTE

LEONITO C. PASQUITO
LAS NIEVES, AGUSAN DEL NORTE

PRESCIANA I. CABIAD
MAGALLANES, AGUSAN DEL NORTE

LYDIA A. APATAN
NASIPIT, AGUSAN DEL NORTE

MARIA NENITA T. DAOHOG
R.T.ROMUALDEZ, AGUSAN DEL NORTE

DOMINADOR M. TINOSA, JR.
SANTIAGO, AGUSAN DEL NORTE

PEDRITO S. NALAM
TUBAY, AGUSAN DEL NORTE

AGUSAN DEL SUR

TERESITA B. SEGUNDINO
BAYUGAN, CITY AGUSAN DEL SUR

ENGR. REY S. ESPAÑOL
BUNAWAN, AGUSAN DEL SUR

JOSE ZALDY S. MANUG
ESPERANZA, AGUSAN DEL SUR

TEOFILO B. FEROLIN, SR.
LA PAZ, AGUSAN DEL SUR

SAMSON S. RAMILO
LORETO, AGUSAN DEL SUR

MARLITA P. CORTEZ
PROSPERIDAD, AGUSAN DEL SUR

DELIA O. VALENZUELA
ROSARIO, AGUSAN DEL SUR

VIÑA R. RANOCO
SAN FRANCISCO, AGUSAN DEL SUR

CEASAR G. BURDEOS
SAN LUIS, AGUSAN DEL SUR

MIRALUZ M. CONVOCAR, DVM
STA. JOSEFA, AGUSAN DEL SUR

EVELYN C. MONDIA
SIBAGAT, AGUSAN DEL SUR

REUEL A. BARRACA
TALACOGON, AGUSAN DEL SUR

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TRENTO, AGUSAN DEL SUR

DARWIN B. BALONDA
VERUELA, AGUSAN DEL SUR

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ALEGRIA, SURIGAO DEL NORTE

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SAN BENITO, SURIGAO DEL NORTE

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TAGANA-AN, SURIGAO DEL NORTE

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TUBOD, SURIGAO DEL NORTE

SURIGAO DEL SUR

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BAROBO, SURIGAO DEL SUR

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BAYABAS, SURIGAO DEL SUR

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CAGWAIT, SURIGAO DEL SUR

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CANTILAN, SURIGAO DEL SUR

RODOLFO B. CELADA
CARMEN, SURIGAO DEL SUR

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CARRASCAL, SURIGAO DEL SUR

GIL Q. ESCALANTE
CORTES, SURIGAO DEL SUR

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HINATUAN, SURIGAO DEL SUR

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BERNARDINO L. AGUILAR
MARIHATAG, SURIGAO DEL SUR

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SAN AGUSTIN, SURIGAO DEL SUR

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SAN MIGUEL, SURIGAO DEL SUR

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TAGO, SURIGAO DEL SUR

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CAGDIANAO, DINAGAT ISLANDS

DIONISIO F. MALAQUE
DINAGAT, DINAGAT ISLANDS

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LIBJO, DINAGAT ISLANDS

THELMA P. BERADOR
LORETO, DINAGAT ISLANDS

JO-ANN M. GONZALES
SAN JOSE, DINAGAT ISLANDS

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TUBAJON, DINAGAT ISLANDS

CITY VETERINARIAN

ALAN F. QUINES, DVM
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KAYE V. ANDALAN, DVM
CABADBARAN CITY, AGUSAN DEL NORTE

ZENY E. GAMBE, DVM
TANDAG CITY, SURIGAO DEL SUR

ROCHE REY BARRIOS, DVM
BISLIG CITY, SURIGAO DEL SUR

**REGIONAL AGRICULTURAL
AND FISHERY COUNCIL**

OFFICERS

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CHAIRPERSON

EDWIN C. ALWAG
VICE CHAIRPERSON

GEMENIANO CRISANTE
TREASURER

MEMBERS

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PAFC AGUSAN DEL SUR

SIMPLICIO L. MOLDEZ
PAFC AGUSAN DEL NORTE

ROBERTO P. ELUDO
PAFC DINAGAT ISLANDS

JUAN C. ARREZA
PAFC SURIGAO DEL SUR

GONZALO L. GALOLO
PAFC SURIGAO DEL NORTE

**SECTORAL COMMITTEE
CHAIRPERSONS**

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RICE AND CORN (WHITE)

ALFREDO V. LOBOG
HIGH VALUE CROPS

DR. PRIMO E. GELACIO
LIVESTOCK, POULTRY AND CORN (YELLOW)

GEMENIANO CRISANTE
FISHERIES AND AQUACULTURE

EDWIN C. ALWAG
AGRICULTURAL AND FISHERY MECHANIZATION

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COMMITTEE ON WOMEN


JUNITO SANTING JR.
COMMITTEE ON YOUTH



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