



ANNUAL REPORT 2020

Regional Field Office - Caraga



25 years

of Service to **Caraga** Farmers
and Fisherfolks





“The possibilities could be endless to level up Philippine Agriculture.”

- Dr. William D. Dar, DA Secretary

The cover illustrates the “New Thinking for Agriculture” composed of eight (8) paradigms envisioned to uplift the Agricultural productivity and profitability with the aim to provide equitable and sustainable source of sufficient, readily-available and affordable food. This includes (1) Modernization, (2) Industrialization, (3) Promotion of Exports, (4) Farm Consolidation, (5) Roadmap Development, (6) Infrastructure Development, (7) Higher budget and investments for Agriculture, and (8) Legislative Support.

Recognizing the role farmers and fisherfolk in the transformation of the Agriculture and Fisheries the Department of Agriculture commits to steer the sector towards the achievement of “Masaganang Ani at Mataas na Kita”.

Message from the Secretary	04	30	Regulatory Services
Message from the Director	06	32	Integrated Laboratories Services
Production Performance			Special Projects
Palay	08	34	Philippine Rural Development Project
Corn	09	36	Special Area for Agricultural Development
Other Crop	10	37	Adaptation and Mitigation Initiatives in Agriculture
Vegetables	12		Support to Operations
Livestock	13	38	Planning, Monitoring and Evaluation
Poultry	15	39	Regional Agricultural and Fishery Council
Accomplishment by Function		40	General Administration Support Services
Production Support Services	16	42	Loan Facilitation Services
Extension Support, Education and Training Services	18	43	Awards and Recognitions
Market Development Services	20	44	DA Caraga History
Research and Development Services	22	46	25 Years Highlights of Accomplishments
Irrigation Network Services	24	60	1995 to Present Directors
Agricultural Machineries, Equipment, Facilities Support Services	26	61	DA Caraga Key Officials
Farm to Market Road Development Services	28	62	Partners

Sa lahat ng aking mga kasamahan sa Department of Agriculture - Caraga na pinamumunuan ni regional executive director Abel James I. Monteagudo, isang masayang pagbati po sa inyong ika 25 years anniversary!

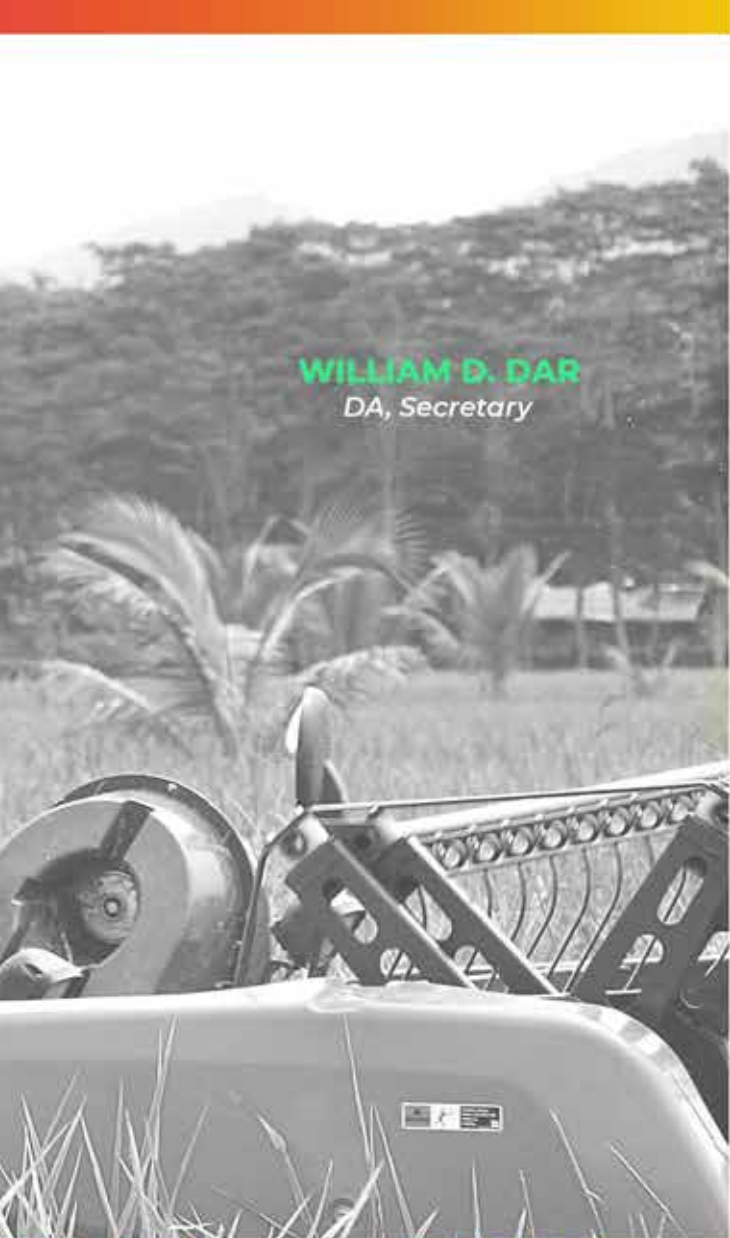
Sa lahat din po na ating mga ka partners sa caraga region lalo na ang ating mga LGUs sa probinsya, syudad, at munisipyo, sa ating mga magsasaka at mangingisda, mga agripreneurs, lahat ng mga ka partners natin sa agrikultura at ang ating mga online viewers ngayon na naging saksi sa virtual celebration, magandang araw po sa inyong lahat.

Ako po ay nagagalak na inyong na-anyayahan na maging kabahagi ng kaganapang ito.

Natatandaan ko pa, nung unang beses na akoy nanungkulan bilang secretary ng kagawaran ng pagsasaka sa taong 1998-1999, isa sa mga lagi kong pinupuntahan ang caraga region. During that time when I was the acting secretary of agriculture, akoy naging daan din po na naipatayo ang inyong da-regional office building na inagurahan noong 1999.

Simula noon, hanggang ngayon na akoy natalagang muli bilang inyong servant-leader, akoy patuloy na naniniwala sa inyong kakayahan na mapalago pa ang pangsakahan at kalakalan sa inyong rehiyon.





WILLIAM D. DAR
DA, Secretary

Alam kong marami na kayong nagawa sa loob ng dalawampu't limang taon.

- *Ang mga farm-to-market roads na ngayon ay nagbibigay ginhawa na sa ating mga magsasaka.*
- *Mga makabagong makinaryang pang-agrikultura na nagpapagaan sa mga gawaing-bukid ng ating mga magsasaka*
- *Mga proyektong patubig na nagpapalago ng produksyon*
- *Mga libreng ayuda sa seeds, fertilizers, pautang, at iba pa.*

Ito ay iilan lamang sa mga napakaraming suporta ng pamahalaan.

Ngunit hindi pa tayo tapos. Tayo ay nagsisimula pa lamang sa isang panibagong yugto ng masagana at mayamang agrikultura.

Sa pamamagitan ng pagpapatupad natin sa ating walong haligi ng makabagong pananaw sa agrikultura ay maaari pa nating ma level-up ang sektor ng sakahan.

1. *Modernisasyon*
2. *Industriyalisasyon*
3. *Promosyon sa pandaigdigang kalakalan*
4. *Konsolidasyon sa mga small and medium sized farms*
5. *Imprastraktura*
6. *Pagsulong ng mas malaking pondo sa agrikultura*
7. *Suportang lehislatibo at*
8. *Roadmap development*

Bagama't tayo ay nahaharap sa isang bago at malaking hamon ng pandemyang covid-19, handa ang ating pamahalaan na labanan ang pagsubok na ito.

Ang ating kagawaran ay agad na nagpatupad ng mga programa para matugunan ang hamon ng seguridad ng pagkain sa pamamagitan ng ating agri4ps.

Dito nakapaloob ang libreng tulong para sa ating mga magsasaka gaya ng rice resiliency project, urban agriculture, kadiwa ni ani at kita, tulong pinansyal at iba pang mahalagang tulong hatid ng ating pamahalaan.

Hindi tayo dapat matitinag. Kung tayo ay sama-sama, kapit-bisig sa pagpapatupad ng ating tungkulin, mula sa nasyonal hanggang sa mga rehiyon, kasama ang mga lgu, pribadong sektor, at higit sa lahat, ang ating mga magsasaka at mangingisda, di malayong matatanaw natin ang isang masaganang ani at mataas kita.

Tayo sa sektor ng agrikultura ang magiging susi sa pagbangong muli ng ating bansa.

Kaya sa ating mga kasamahan sa da-caraga region, asahan ninyo ang aking suporta. We will survive, reboot, and sustain agriculture. Mabuhay kayong lahat. Congratulations on your 25th anniversary.

*Mabuhay ang agrikultura. **Larga, Caraga, Larga!***



“Although agriculture by itself did not create civilization, civilization cannot grow without agriculture.”

The year 2020 had surely been an enormous challenge to humanity. The pandemic, COVID-19 had taken us to a huge step-back and deeply reflect on what made our civilization grew to become what it is today – that is, agriculture.

While the country was in total lockdown, all the ‘luxuries’ in life were forcibly closed but the agricultural sector. While travels were prohibited, food deliveries were unhampered. While millions of Filipinos were despairingly laid-off, farmers continued growing food. This is why agriculture is the backbone of the economy. We cannot survive without food and we cannot survive without farmers.

With the pandemic going, the call for *“a food-secure and resilient Philippines with empowered and prosperous farmers and fisherfolk”* became louder and heavier, especially under the “new normal.”

Thankfully, hand-in-hand, we were ready to face head-on the challenge of providing more efficient and practical farm interventions during the peak of the crisis. We bounced back higher than the pit we fell through.

This year 2020, amidst the pandemic and other major setbacks, we are humbly proud that the Department of Agriculture – Caraga was able to deliver better services and interventions to the Caraganon farmers and fisherfolk compared to the earlier years. The setbacks and difficulties did not stop us, rather it drove us to become flexible and resilient in developing and providing solutions to our local clients.

We also continuously stood firm in the challenge of the good Secretary William D. Dar, Ph.D., of ensuring nutritious and affordable food for the region and increased income of our farmers and fishers. By further strengthening our partnership with the LGUs, attached agencies, farmers and farmer associations and other stakeholders, we were able to re-focus the

implementation of our much-needed programs and the launching of new various projects.

With the pandemic, we intensely directed our interventions in the ‘farm-to-table’ scheme. From providing quality seeds, efficient farm inputs and mechanization, concreting of farm-to-market roads, post-harvest facilities up to marketing, we were able to bridge the gap between our farmers and the Caraga consumers – which was widened again by the pandemic and other setbacks.

Moreover, we also intensified our extension support services, by efficiently utilizing our information technology resources and massive information campaign region-wide. We effectively stayed in touch with our valued partners and clients virtually.

By all means, I can say that we, at the agency and the Caraga agricultural sector grew bigger and stronger than the past years and amidst the overwhelming challenges that could have broken us.

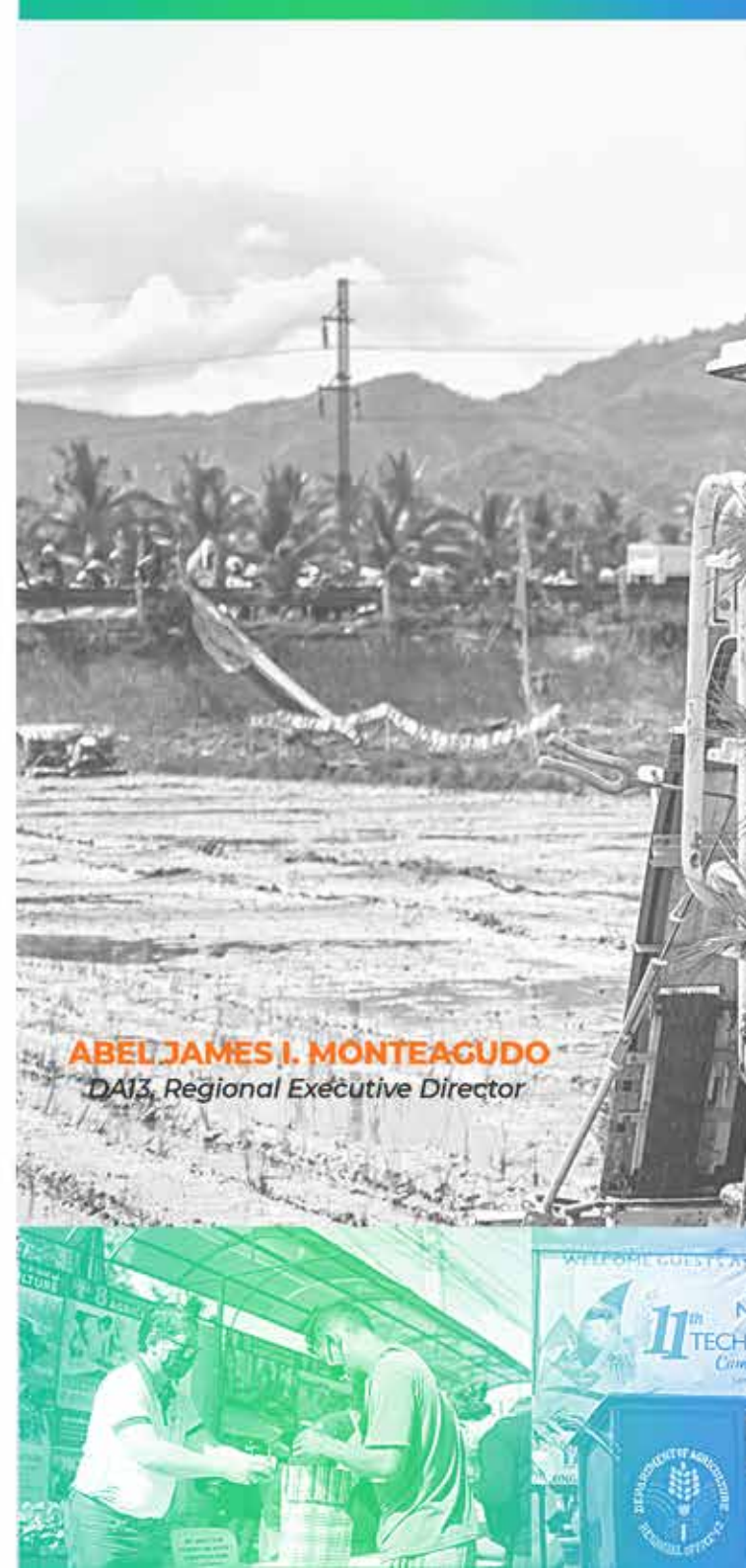
In fact, as quoted from NEDA Caraga’s Statement on the 2020 Performance Report of Caraga Region’s Economy, *“the Agriculture, Forestry, and Fishing (AFF) sector improved to 3.9 percent compared to the 3.6 percent decline in 2019.”*

This is a validation that the efforts of the agency were fruitful in slowly but surely backing up the momentary setbacks of the region’s economy posed by COVID-19.

This achievement was also signified with the successful virtual celebration of DA-Caraga’s Silver Anniversary with the theme, *“Serving 25 years and beyond towards a prosperous and resilient Caraga farmers and fishers.”*

After 25 years from its birth, Caraga had continuously moved forward – that is, from a once young and underdeveloped zone into a bountiful and developing region. We can proudly say that the agency, DA Caraga was and continuously one of the prime movers of this development.

When there is agricultural growth, there is an overall development of the region’s economy.



ABEL JAMES I. MONTEAGUDO
DA13, Regional Executive Director



Hearing from the congratulatory messages from various farmers and farmer associations, attached agencies, stakeholders, and from DA Secretary Dar himself, I can say that we did great. We fulfilled our department's mandate and touched many lives of our local clients – the farmers and its families in the past 25 years.

Let this accomplishment inspire us more to deliver better services to our local farmers. Let our farm interventions continuously boost the agricultural productivity of our lands; let our infrastructures build the foundation of Caraga's agricultural sustainability and let our road projects connect more of our farmers to its consumers. Further, let us continue inspiring our younger generation to pursue and find importance in agriculture for they are our hope for the future.

Together as one DA family, let us continue to grow with more experiences, skills, and empathy towards our clients. Let us remind ourselves that with a strong and resilient agency comes a close-knitted family of fellow public servants. As what Sec. Dar highlighted in his message to our founding anniversary:

"Hindi tayo matitinag. Kung tayo ay sama-sama, kapit-bisig sa pagpapatupad ng ating tungkulin – mula sa nasyonal hanggang sa mga rehiyon, kasama ang mga LGUs, pribadong sector at higit sa lahat, ang ating mga magsasaka at mangingisda, 'di malayong matatanaw natin ang isang masaganang ani at mataas na kita."

We are on the right path and at the right pace towards the betterment of our region's agricultural sector. Of course, the journey had not always been and continuously will not be a straight line, but I strongly believe that with our unflagging dedication to our commitment as public servants, we will ceaselessly win in the coming years. Let me commend and encourage everyone of this agency by saying:

In the waves of change, we find our true direction – that is, to continuously uplift the livelihood of our fellow Caraganon farmers and fisherfolk under the new normal of living.

Once more, in loud voices, let us say our region's battle cry: **"LARGA CARAGA, LARGA!"**



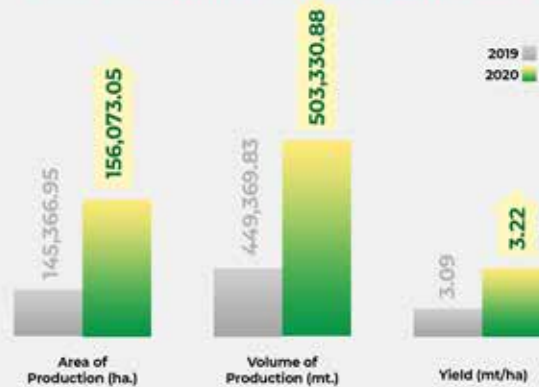


Caraga performed better in 2020 as compared with the previous year in rice production performance. There is a notable increase in production in irrigated ecosystem and increase in yield per hectare. This year, area harvested, volume of production and yield increased by 6.86 percent, 10.72 percent and 4.15 percent, respectively against the previous years' performance. These accounted to an increase of 0.13 metric tons per hectare in yield and additional 10,706.10 hectares area harvested resulting to an increase of 53,961.05 metric tons in the production volume.

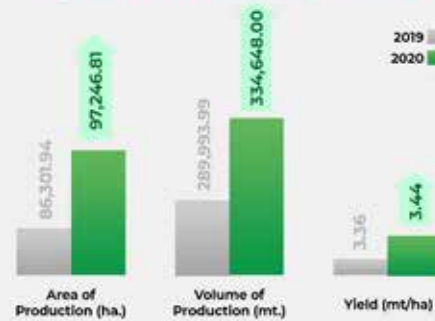
A positive growth rate of 11.25 percent or 10,944.87 hectares in area harvested in irrigated ecosystem yielded a total of 44,648.01 metric tons volume of production which is 13.34 percent increase from 2019.

However, a negative growth rate is noted for the area harvested of 0.41 percent in the rainfed ecosystem or 238.77 hectares less than the previous year was due to the drought experienced in the region. However, volume of production increased by 5.52 percent and yield of 5.90 percent.

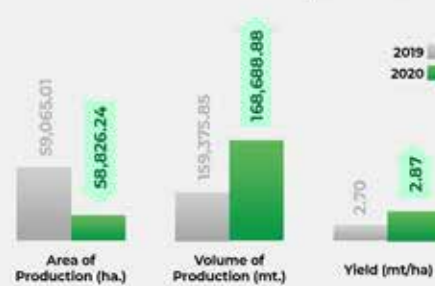
Rice Production Performance, 2019-2020



Irrigated Rice Performance, 2019-2020



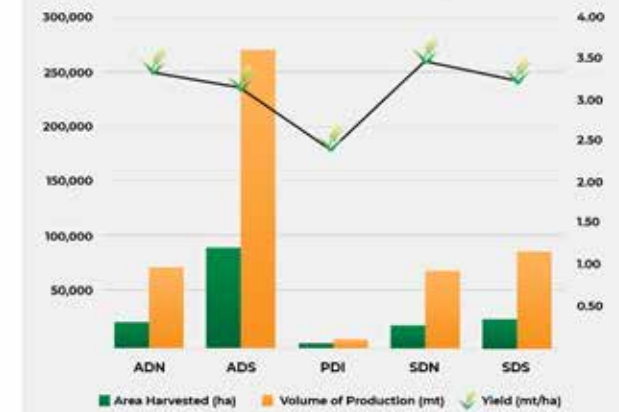
Rainfed Rice Performance, 2019-2020



Data Source: PSA

Agusan del Sur had contributed the highest increase in rice production in the region given its 54.78 percent contribution to the total area harvested and 58.53 percent of the total volume of production. The province also attained the highest growth rates for both parameters with 15.98 percent and 20.53 percent increase, respectively.

Rice Production Performance, 2020



Surigao del Sur led the increase in yield per hectare with 9.49 percent. This comprised the average growth rates of 7.62 percent in irrigated ecosystem and 11.34 percent in rainfed ecosystem.

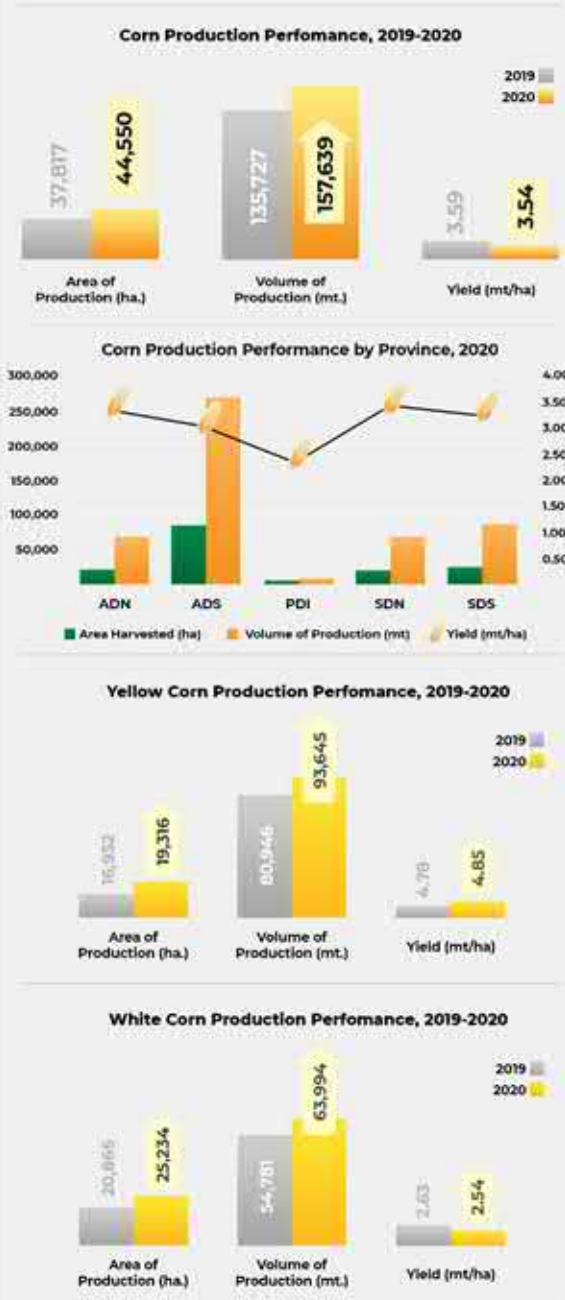
Caraga posted a 9.16 percent increase in rice production sufficiency levels against the previous year, from 84.29 percent in 2019 to 92.01 percent in 2020. Agusan del Sur with the highest rice production shared a 198.03 percent sufficiency level.



Caraga produced a total of 157,639.11 metric tons of corn harvested from 44,550 hectares in 2020. This is 15.11 percent and 13.90 percent higher than previous year output, respectively. A 1.4 percent decrease in yield per hectare were noted due to the Fall Army Worm (FAW) infestation and damages brought about by the Tropical Depression (TD) Vicky. A total of 3,313 hectares planted with corn were reported to be totally damaged and 178 hectares was partially damaged due to the TD Vicky in Agusan del Norte, Agusan del Sur and Surigao del Sur.

Agusan del Sur contributed a 79.62 percent of the total corn production area of the region in 2020. This was composed of 75.67 percent and 84.77 percent share in area harvested for white corn and yellow corn respectively. Proportionately, the province got the highest shares of 84.36 percent for the total corn produced in the region consisting of 78.66 percent white corn and 88.25 percent of yellow corn.

Province of Dinagat Islands had the highest increase of both areas harvested and volume of production this year with 26.99 percent and 32.30 percent respectively among the provinces. This was followed by Agusan del Norte with an increase of 20.40 percent and 26.81 percent in area harvested and volume of production respectively.



Data Source: PSA

Yellow corn increased its volume of production by 13.56 percent, 12.24 percent in area harvested and 1.57 percent in yield per hectare against the previous year. A total of 19,316 hectares area harvested in 2020 with 4.85 metric tons per hectare yield resulting to of 93,645.49 metric tons volume of production.

Province of Dinagat Islands performed better in yellow corn production parameters this year with 35.71 percent in area harvested, 38.653 percent in volume of production and 4.54 percent in yield per hectare.

White corn posted an increase of 17.31 percent or 4,369 area harvested and 14.40 percent or 9,212 metric tons volume of production.

Utilization of yellow corn in the region is mainly for feeds which is estimated to be about 57.49 percent in 2020 based on the demand of the inventory of animals (*hog, chicken and duck*) of Caraga.

COFFEE

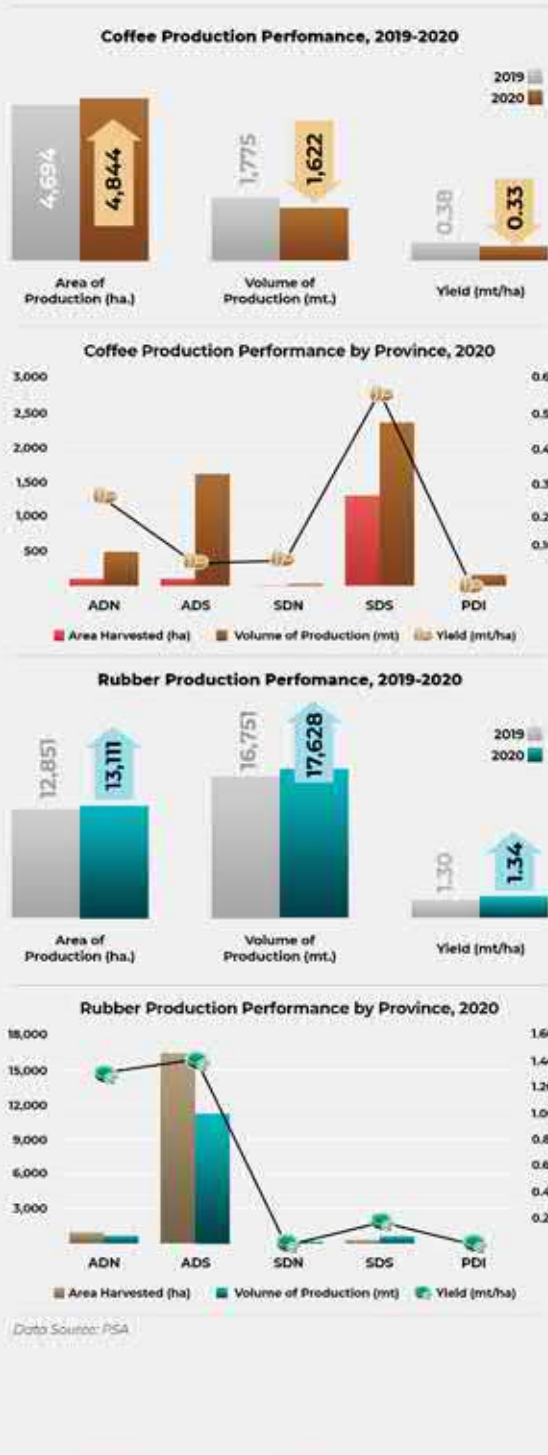


In 2020, a total of 1,622 metric tons of coffee (dried beans) which is 8.60 percent lower than the previous year. Surigao del Sur was the biggest contributor of the year's production which accounted to 85 percent of the total production of 1,379 metric tons. Among the factors affecting the decline of the production is the decreased in the coffee price for the last three years which discouraged the farmers to harvest and sell their produced. All the provinces in the region experienced the price downturn with Surigao del Sur posted a price trend from 79.30, 73.9, and 61.20 from 2018, 2019 and 2020 respectively. Decrease in coffee price is dictated by the world market.

Area harvested increased by 3.20 percent against the previous year with 4,844 hectares in 2020. Surigao del Sur and Agusan del Sur were the major producer with area harvested of 50.58 and 35.05 percent respectively.

Surigao del Sur obtained the highest yield of 0.56 metric tons per hectare followed by Agusan del Norte with 0.26 metric tons per hectare.

Production sufficiency for coffee is estimated to be 114.07 percent in 2020 which is lower by a negative 58.73 percent from 276.41 percent of the previous year.



RUBBER



Rubber cup lump production posted a total of 17,628 metric tons in 2020 which is 5.24 percent higher than the previous year's production. Agusan del Sur contributed 93.52 percent of the total production of 16,486 metric tons.

Area harvested for rubber in 2020 totaled to 13,111 hectares which is 5.24 percent higher than the previous year. Agusan del Sur contributed 93.52 percent of the total area harvested or 11,500 hectares.

In terms of yield, Agusan del Sur and Agusan del Norte has the highest yield among the 5 provinces with 1.43 and 1.32 metric tons per hectare, respectively.

CACAO

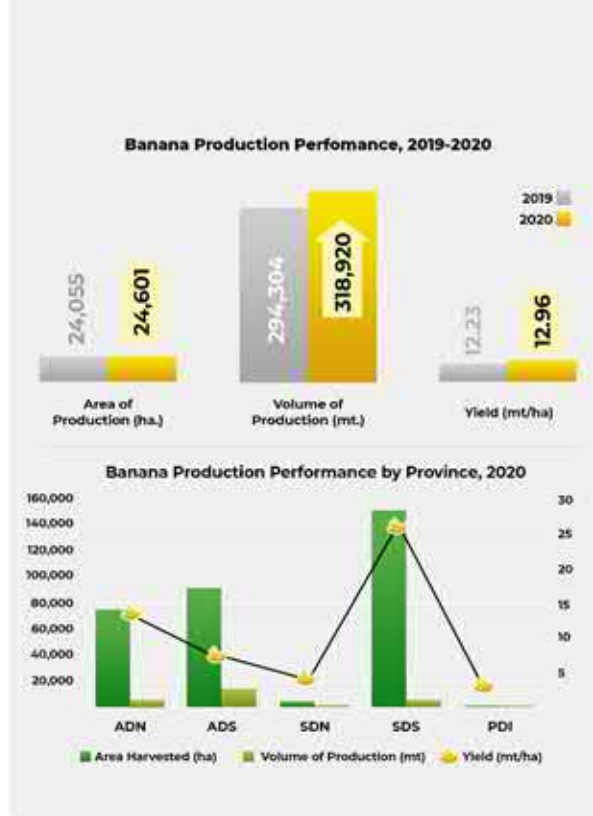


A total of 165 metric tons volume of production in 2020 which is 5.20 percent higher from the previous year. Agusan del Sur contributed 58.57 percent or 19 metric tons of cacao which is highest among the provinces.

A total of 2,638 hectares were harvested which was 0.33 percent higher from the previous year. Agusan del Sur with 2,290 hectares contributed 86.82 percent of the total area of the region.

In terms of yield, Surigao del Sur and Agusan del Norte obtained the highest yield of 0.49 and 0.43 metric tons per hectare.

The region attained a 2.51 percent increase in production sufficiency levels from 2019 to 2020 with 94.66 percent and 97.03 percent, respectively. This was brought about by the increase in volume of production of cacao.



MANGO

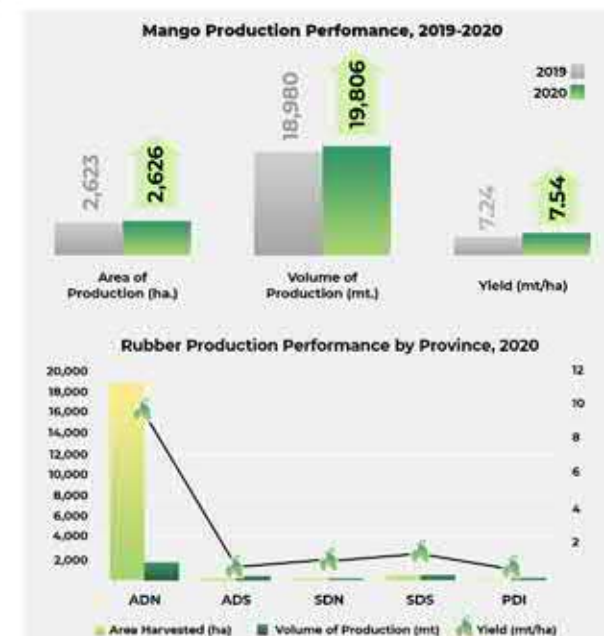


A total of 19,806 metric tons of Mango was produced in 2020 which was 4.35 percent higher than the previous year's production. Agusan del Norte with 18,744 metric tons was the highest contributor which represents 94.64 percent of the region's production.

A total of 2,626 hectares were harvested in 2020 which was 0.11 percent higher than the previous year. Agusan del Norte with 64.62 percent of the total area harvested of 1,697 hectares.

Agusan del Norte attained the highest yield with 11.05 metric tons per hectare in 2020.

With an average of 3.61 kilograms consumption per year, Caraga recorded a 178.93 percent production sufficiency levels in 2020. This is 1.43 percent higher from 176.41 percent in 2019. Fresh mango is directly sold to buyers within and outside the region.



BANANA



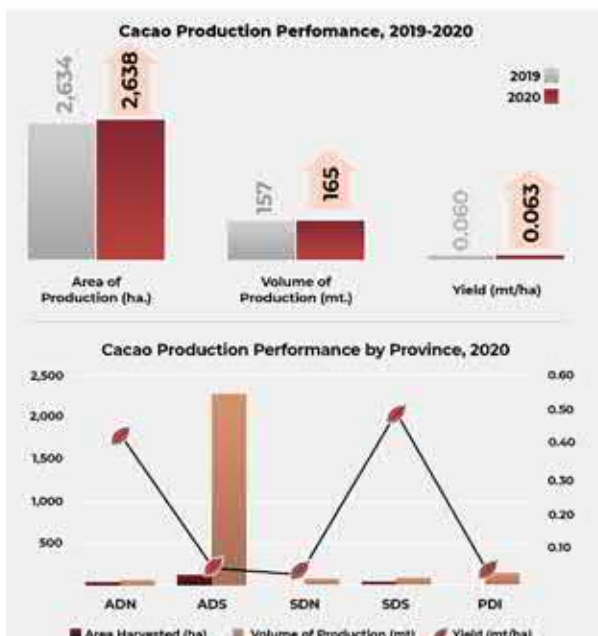
Banana production posted a total of 318,920 metric tons in 2020 which is 8.36 percent higher than the previous year. Surigao del Sur with 148,792 metric tons or 46.65 percent of the total production had the highest contribution.

A total of 24,601 hectares were harvested which was 2.27 percent higher than in 2019. Agusan del Sur attained 49.26 percent of the total area harvested of 12,118 hectares.

Surigao del Sur is no. 1 in terms of yield with 26.18 metric tons per hectare.

Caraganons consumes an average of 6.67 kilograms of Cardava Banana per year. The region reached a 439.83 percent production sufficiency in 2020. This is 3.14 percent higher than 426.45 percent in 2019. Common utilization of Cardava Banana is processed into chips.

Except Cardava variety, Caraga attained a 408.68 percent in production sufficiency levels in 2020. This is 8.33 percent higher than 337.27 percent in 2019. Fresh banana is mainly exported to other countries and within the country.



LOWLAND



Total production performance of lowland vegetables composed of Bittergourd, Bottlegourd, Eggplant, Lady's Finger, Stringbeans, Squash, Tomato, Pechay, and Sweet Pepper is constantly increasing in the last five years. In 2020, 22,177.57 metric tons of total volume of vegetables were produced from 2,292.65 hectares area harvested at 9.67 metric tons per hectare average yield.

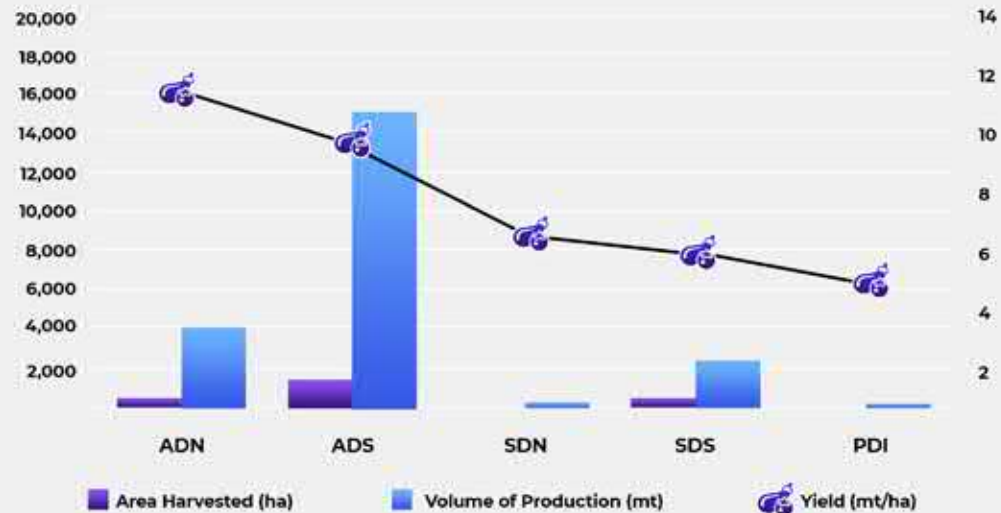
Increase in production is 9.01 percent from 20,344.75 metric tons in 2019. Highest growth rate was incurred by the province of Dinagat Islands with 30.01 percent and followed by Surigao del Sur of 28.25 percent. Agusan del Sur contributed the highest production of 67.24 percent or 1,183.27 metric tons lowland vegetables. Eggplant was the highly produced lowland vegetables in 2020 comprising 37.34 percent or 1592.56 metric tons followed by squash by 6,625.03 metric tons accounting to 29.87 percent contribution to the total production.

Largest area harvested with lowland vegetables for the last two years was in Agusan del Sur comprising 63.70 percent or 1,460.51 hectares. Surigao del Sur and Dinagat Islands followed in with 21.69 percent and 20.47 percent, respectively.

Yield of lowland vegetables increased by 4.57 percent from 7.77 metric tons per hectare in 2019 to 8.13 per hectare in 2020. Agusan del Norte got the highest yield in 2020 with 11.91 metric tons per hectare followed by Agusan del Sur of 10.21 metric tons per hectare. Agusan del Sur obtained the highest yield growth with 7.93 percent followed by Dinagat Islands with 7.91 percent.

An average of 2.01 kilograms of lowland vegetables are consumed by the Caraganons annually. Caraga posted an increase in production sufficiency of 10.58 percent from the 35.44 percent in 2019 to 39.19 percent in 2020.

Lowland Vegetables Production Performance by Province, 2020



CARABAO



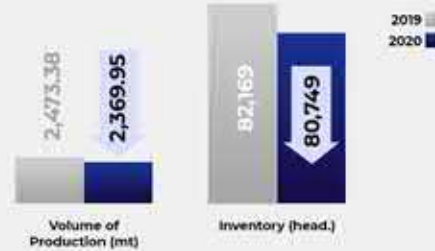
Caraga posted a total Carabao inventory of 80,749 heads in 2020. This is 1.74 percent lower than the 2019 inventory. Agusan del Sur posted the highest share of inventory with 37.36 percent followed by Surigao del Sur, Surigao del Norte, Agusan del Sur and Dinagat Islands with 22.42 percent, 19.98 percent, 18.35 percent and 1.90 percent, respectively.

Backyard production posted a total of 80,690 heads which is 1.74 percent lower than the previous year. Commercial production accounted to 59 heads which was 3.28 percent lower than in 2019.

In 2020, Caraga posted a total of 2,370 metric tons of carabeef showing a 45.58 percent increase from the previous year. Agusan del Sur contributed 1,012 metric tons which is 42.72 percent of the total production of the region. Agusan del Norte and Surigao del Sur posted positive growth rate compared with the previous year with 9.52 and 1.96 percent, respectively.

Caraganons consumes only 0.09 kilograms carabeef annually. For 2020, a 66.45 percent increase in production sufficiency level from 2019. This is from 934.17 percent in 2019 to 1,554.95 percent in 2020.

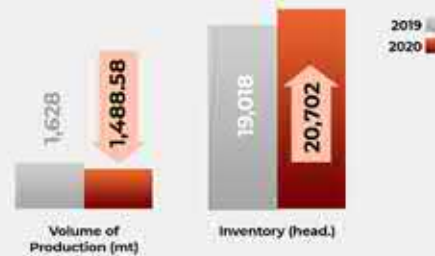
Carabao Production Performance, 2019-2020



Carabao Production Performance by Province, 2020



Cattle Production Performance, 2019-2020



Cattle Production Performance by Province, 2020



Data Source: PSA

CATTLE



Cattle production posted a total of 20,702 heads inventory in 2020. This is 8.85 percent higher than the inventory in 2019. Agusan del Norte got the largest share of 51.85 percent followed by Agusan del Sur, Surigao del Sur, Surigao del Norte and Dinagat Islands with 23.06 percent, 13.29 percent, 10.54 percent and 1.28 percent, respectively.

Backyard production has a total of 20,319 heads which is 9.39 percent higher than the previous year. Commercial production posted a total of 323 heads in 2020 inventory that is 16.97 percent lower against 2019.

Caraga's total beef production was 1,489 metric tons, with a decline of 8.62 percent against 2019. Agusan del Norte contributed the highest volume of production of 615 metric tons or about 41 percent of the total production of the year. Surigao del Norte and Dinagat Islands posted positive increase in production against the previous year with 8.83 and 7 percent, respectively.

Caraganons are estimated to consume 0.67 kilograms of beef annually. Production sufficiency of beef is 84.88 percent in 2020 that is 6.27 percent lower than the 90.55 percent against 2019.

GOAT



A total inventory of 50,150 heads of goat was recorded in 2020. This is 2.57 percent lower than the 2019 inventory. The inventory was composed of 45.05 percent of Agusan del Sur, 20.52 percent of Surigao del Sur, 20.8 percent of Agusan del Norte, 8.85 percent of Surigao del Norte and 4.40 percent by Dinagat Islands.

Backyard production accounted a total of 49,783 heads which is 2.51 percent lower than the previous year. Commercial production has only 367 heads which is 2.91 percent lower than the previous year.

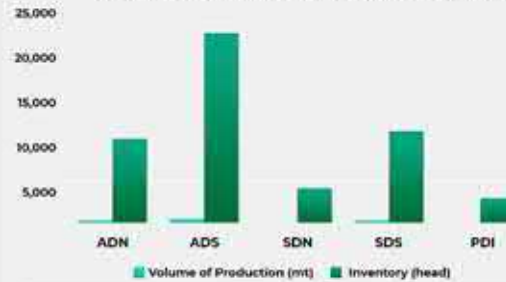
Volume of production of goat declined by 17.70 percent with current production of 668 metric tons. Agusan del Norte attained the highest production with 22,591 metric tons which is 45.05 percent of the total regional production. Province of Dinagat Island attained a positive 1.19 percent growth rate against 2019.

At an average Caraganons consumes 0.01-kilogram chevon annually. Production sufficiency of beef in the region is 765.63 percent in 2020. This is 15.03 percent decrease from 901.10 percent compared to 2019.

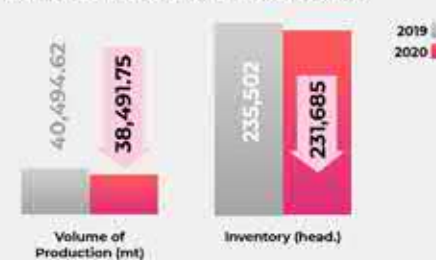
Goat Production Performance, 2019-2020



Goat Production Performance by Province, 2020



Swine Production Performance, 2019-2020



Hog Production Performance by Province, 2020



Data Source: PSA

HOG/ SWINE



Swine inventory posted a total of 231,685 heads in 2020 which is 1.62 percent lower than 2019. Surigao del Sur has the highest inventory of 26.15 percent followed by Agusan del Sur, Agusan del Norte, Surigao del Norte and Dinagat Islands with 25.73 percent, 24.44 percent, 20.59 percent and 3.08 percent respectively.

Backyard production posted a total of 216,183 heads which is 1.59 percent lower than in 2019. While Commercial production tallied to 15,502 heads in 2020 which is 2.05 percent lower against the previous year.

The region posted 38,492 metric tons total volume of production in 2020. This is 4.95 percent decrease from 2019. Major contributors were the provinces of Agusan del Sur, Agusan del Norte and Surigao del Sur with 28.40, 27.56, and 23.87 percent, respectively.

The decrease in hog inventory was brought about by the threat of African Swine Fever (ASF) which led the growers to lessen the number of heads raised during the moratorium of pork/hog regional exports and imports. Also, 157 heads of hogs were affected by ASF in Cortes, Surigao del Sur in the later part of the year. These led to the decline of animal inventory of other livestock commodities as they were slaughtered to substitute the need for pork.

Estimated per capita consumption for pork in Caraga is 7.38 kilogram annually. In 2020, the region attained 170.78 percent production sufficiency. This is 7.47 percent lower than 184.56 percent in 2019 as affected by the decrease in volume of production due to ASF.

CHICKEN



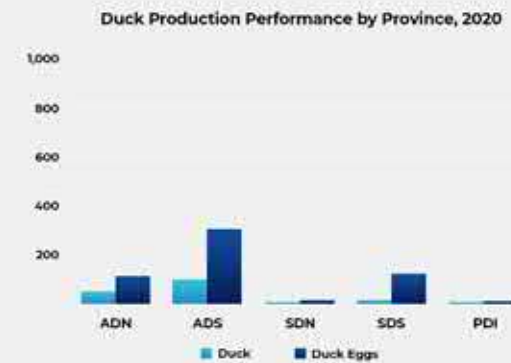
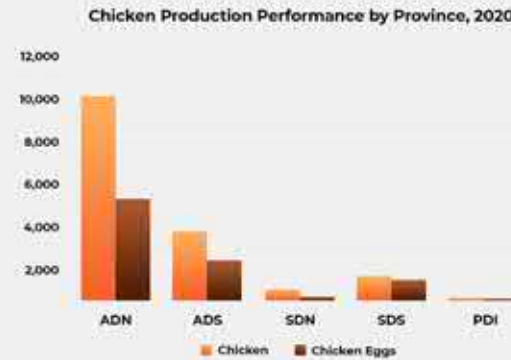
Caraga posted a total of 15,411 metric tons chicken in 2020 which contracted by 0.77 percent against the previous year. Province of Dinagat Islands and Agusan del Norte posted positive increase with 4.66 percent and 2.05 percent, respectively. Agusan del Norte has the highest production of 9,970 metric tons or 65 percent of the total annual production of the region.

Caraganons estimated to consume 5.66 kilogram of chicken annually. Production sufficiency level for chicken is 69.74 percent in 2020 which is 4.03 percent lower than the 72.67 in 2019.

CHICKEN EGGS

A total of 8,490 metric tons of chicken eggs were produced for the year which is 5.90 percent higher than the previous year. Surigao del Sur had a positive increase in growth followed by Agusan del Sur and Agusan del Norte with 9.99, 9.91 and 5.26 percent, respectively. Agusan del Norte posted the highest production of 5,189 metric tons among the provinces.

It is estimated that Caraganons consumes an average of 3.63 kilogram of chicken eggs. Production sufficiency of chicken eggs in 2020 is 59.14 percent which is 13.47 percent higher than 56.00 percent in 2019.



Data Source: PSA

DUCK



Duck production decelerated with 153 metric tons of duck meat in 2020 which is 17.48 percent below the production in 2019. Agusan del Sur posted the highest volume of production of 82 metric tons.

At an average of 0.07 kilogram per year consumption. Caraga attained 30.06 percent production sufficiency in 2020.

DUCK EGGS

Duck egg production posted a 3.89 percent increase in 2020 against the previous year. A total of 605 metric tons with Agusan del Sur is main producer of 323 metric tons, Agusan del Norte, Surigao del Sur and Agusan del Sur with 25.96, 6.51 and 2.16 percent, respectively.

Caraganons consumes 0.09 kgs of duck eggs per year. An increase of 5.57 percent in production sufficiency was noted from 490.87 percent in 2019 to 518.24 percent in 2020.

PRODUCTION SUPPORT SERVICES

To promote and strengthen agricultural productivity a total of **Php 128,526,719.94** was utilized by the Department for production support services where **72,766 individuals** and **385 farmer groups** benefited the various interventions. This is also to partake in the collective effort to achieve the goal of sustainable household and national food and nutrition security and provide increase in income to farmers.



A total of **Php 137,855,109.00** was reimbursed by **44,579 rice farmers** as fertilizer assistance under Rice Resiliency Program (RRP) II. Moreover, a total of **Php 189,120,000.00** was granted to **37,827 rice farmers** as financial assistance under RCEF across the region.



624,085.51 kilograms of various seeds of rice, corn, sorghum and vegetables amounting **Php 79,537,519.04**, and **314,250 pieces** of cassava planting materials were distributed to **26,094 individuals** and **218 group beneficiaries**.



8,500 liters of foliar organic fertilizer and **2,337,150 kilograms** of organic and inorganic fertilizers amounting **Php 28,232,847.00** were provided to **37,664 individuals** beneficiaries.



A total of **36,250 kilograms**, **360 bottles** and **150 canisters** of other farm inputs such as African Night Crawlers, flower inducer Calcium Nitrate, Paclobutrazol, Disinfectants amounting **Php 1,548,500.00** were distributed to **250 individual** beneficiaries.



2,092 heads of small and large ruminants composed of cattle, carabao and goat were inseminated with a total of **1,833 individuals** benefited the project.



CY 2019 insemination program resulted to **433 heads** of calf drops of cattle, carabao and goat.



The **2,465 heads** of goat, swine, duck and itik pinas breeder animals were maintained in the DA Research Stations as source of quality breeds.



To complement the maintenance of breeder animals in the Research Experiment Stations, a forage chopper and **3,000 capacity setter egg incubators** were provided. The existing Veterinary Quarantine Facility was upgraded to provide effective bio-security measures.



A total of **6,102 bottles**, **5,500 pouches**, **1,061 sachets**, **300 vials** and **106 ampules** of drugs and biologics amounting to **Php 2,953,702.00** were distributed to **77 group** beneficiaries.



Php 24,500.00 worth of 17 power sprayers, 17 units of plastic drums with hose, 17 pieces tent and 70 boxes of surgical gloves and PPEs were distributed to **28 individuals** and **17 group** beneficiaries.



To prevent the entry of African Swine Fever (ASF) and other animal diseases, the Department has allocated **Php 309,850.05** in the procurement of disinfection supplies and materials benefitting **28 individuals** and **17 group** beneficiaries.



Aside from implementing research and development activities, the Research Stations are engaged in production and distribution of quality planting materials and breeder stocks to implement the needs of the region.



This year, the Research Experiment Stations produced and distributed various seeds, planting materials, animals and soil ameliorants benefitting a total of **608 individuals** and **101 group** beneficiaries. These composed of 318,350 pieces of cassava and camote planting materials, 3,000 kilograms of corn seeds, 3,103.46 kilograms of assorted lowland vegetable seeds, 94,126 pieces of assorted fruit trees, 13,260 kilograms of soil ameliorants and 14,471 heads of farm animals.



RESPONSE TO COVID-19 PANDEMIC

To mitigate the effects of COVID-19 Pandemic that hit the country starting March 2020 which greatly affected the food availability and affordability, the Department provided various support services to the most affected sectors in the region. A total amount of **Php 30,285,300.59** was allocated for the distribution of various agricultural interventions benefitting 31,509 individuals and 3,937 farmer groups. These consist of 260,452.73 kilograms rice, corn and vegetables seeds, 24,976 pieces of repacked vegetables seeds, 25,680 pieces of various vegetables seedlings, 11,076 liters foliar fertilizers, 2,443 bags organic and inorganic fertilizers, 1,000 kilograms of rodenticide, 8,147 liters of pesticide, 250 meters garden hose, 100 roll of farm nets, 100 roll of UV Plastic Sheet, 3,100 pieces of hanging garden pots and 4,500 pieces of garden pots, 500 pieces of farm mask, 1,000 pieces of farm gloves and 100 pieces of farm boots, 7,450 heads of free-range chicken and 1 egg incubator with hatcher.



A total of **Php 3,190,000.00** cash were also given to 638 marginal corn farmers as financial subsidy.



EXTENSION SUPPORT, EDUCATION AND TRAINING SERVICES

To effectively enhance the awareness and capacitate the AEWs and farmers across the region with recent agriculture technologies, the Department conducted various activities such as trainings, seminars, workshops as well as technology demonstrations and information dissemination thru media and social media such as printing materials, Facebook page, TV and radio broadcasting, related to agriculture aspects and related disciplines.

Technology Demonstration

Rice Program established **100 hectares** Technology Demonstrations showcasing the latest technologies in seeds through the use of 25 hybrid rice seed varieties and 5 recommended varieties using different crop establishment practices.



Corn program established five (5) sites of Sorghum technology demonstrations, two (2) sites of Yellow corn farm demonstration and one (1) site of Yellow corn farm demonstration.

HVCDP established 38 sites of technology demonstration on vegetables, mango, rubber and banana, 58 sites for technology demonstration rehabilitation on coffee and 58 sites for technology demonstration rehabilitation on mango.



Model Farms

Corn program established two (2) sites of cassava model farms with 60 hectares per site and two (2) sites of sustainable corn production in sloping areas (SCoPSA) with 10 hectares each site.



IEC ACTIVITIES

Broadcast

Aired 6 TV Plugs, 12 Radio Plugs and conducted Radio Programs were produced and aired.



Print Media

105 written articles were produced with 95 percent of which were picked up and published by local media outlets.



A total of 17,000 copies of IEC materials on production guides, technologies and by products utilization were produced and distributed to farmers, provincial and municipal Offices, students and also walk-in clients.

Social Media

As of December 31, 2020, DA-Caraga Facebook Page has 26,756 page likes, 28,818 followers, 41,869 post engagements. Also, a total of 730 messages/queries were responded.



Agri Ka Webinars were aired over the DA-Caraga Facebook page featuring DA-Caraga's 25th Anniversary, Rice Achievers' Award and Organic Agriculture Awards.



Agricultural happenings and advocacies were also disseminated through Agrivisory Textblasting.

Press conference promoting African Swine Fever (ASF) Awareness was conducted. This also served as the venue for answering the issues and concerns of the hog growers and general public.



Grow Your Own Challenge which called the public to have their own food source by planting vegetable on their backyard was also conducted.

Agri Mobile Photography Contest was conducted to highlight the beauty and significance of agriculture in the region participated with 12 participants. This activity aimed to entice youth's interest in Agriculture.



Trainings Conducted/Facilitated

Rice Program conducted Hybrid Rice Festivals of about 76.5 hectares in Barangay Lemon, Butuan City showcasing eight (8) hybrid rice varieties participated by private seed companies such as Bayer Philippines, Bioseed Research Philippines Inc. Conteva Agriscience, Longping Tropical Rice Development Inc, SeedWorks Philippines Inc, SL Agritech Corporation, Syngenta Philippines Inc and Ramgo International Corporation.



Livestock Program conducted Target Setting and Hands-on Appraisal for Unified to 45 active livestock inseminators in the region.

Conducted Vegetable production training participated by the 402nd Brigade, Butuan City



Conducted concoction making and was distributed to walk-in individuals

Conducted Training on Organic Agriculture Production in Response to Covid-19



Launching of Various Projects

Ahon Lahat, pagkaing Sapat (ALPAS) Kontra Covid-19 as Plant,Plant,Plant Program (Agri 4Ps) and Maisan sa Nataran Dubbed "Pro Mais"



Showcased Pick & Pay Harvesting support to Plant,Plant,Plant.

Incentives

Rice Program provided a total of Php 1,268,500.00 of AEW incentives to 24 Rice Program Coordinators, 28 Municipal Agriculturists and 303 Agricultural Technicians across the region.



Organic Agriculture Program provided a total amount of Php 944,000.00 to 76 Agricultural Extension Workers across the region.

Livestock Program provided a total amount of Php 9,307,000.00 to 531 agricultural Extension Workers, 98 meat data collectors and 11 provincial Agri-fisheries Council members across the region.



Corn Program provided a total amount of Php 4,404,000.00 to 1,174 Agricultural Extension across the region.



MARKET DEVELOPMENT SERVICES

In order to promote agricultural and fishery products, establish networking/ linking, and market matching, establish directory of buyers, sellers and agribusiness players and explore market opportunities, through trade fairs and exhibits, in-store promotions, market testing of agricultural products, the Department of Agriculture - Caraga through Agribusiness and Marketing Assistance Division (AMAD) conducted the following activities:



Facilitated registration of 38 Enterprises in the Farmers and Fisherfolk Enterprise Development Information System (FFEDIS), a registry system for farmers and fisherfolk enterprises and Micro, Small and Medium Enterprises (MSMEs) under the Sagip Saka Act.



31 Market Matching or KADIWA Express was conducted/ facilitated directly which linked 16 farmers and farmer organizations of vegetables, dried and clean soybean, rice and mango buyers. Total volume consummated reached to 128.98 metric tons with a total sale generated amounting to ₱976,989.00.



Linked Sumilihon-Taguibo Association, Incorporated (SUTAFI) to SM Butuan for the supply of Banana Cardava, Tauge, Singkamas Lumpia Wrapper and Meme Agricultural Farmers Association to Western Enterprises, Matina Davao City for the supply of soybean generating ₱320,774.00.



Regular monitoring of market related infrastructure to include trading centers and trading post were also conducted through virtual or phone calls. The Siargao Island Agri-Pinoy Trading Center (SI-APTC) continued its operation through a "4-day Tabo" every week and offered wholesale prices to institutional buyers in the Island, thus, benefited seven (7) farmers and thirteen (13) high value crops and fruit dealers.



Conducted three (3) Enterprise assessments to selected farmer organizations to assess the need and maturity level of the enterprise. Output of which were three (3) Enterprise Capacity Development Plans and endorsement as potential Enhanced KADIWA ni Ani at Kita financial grant.



Six (6) KADIWA ng Masa Outlet were launched which served as direct market of fresh and affordable commodities in selected areas in the Region benefitting six (6) farmer organizations.



RESPONSE TO COVID-19 PANDEMIC

To assure food sustainability and accessibility the Agribusiness and Marketing Assistance Service Division issued Foodlane Accreditation Certification and Foodlane Stickers to **6,658** suppliers and truckers of fresh and processed agri-fishery products including agricultural inputs.

Rolled-out Kadiwa ni Ani at Kita in **41 barangays** in Butuan City and **3 government offices** such as Department of Environment and Natural Resources, Butuan City Hall and Agusan Norte Electric Cooperative (ANECO).

Conducted and implemented various **KADIWA ni Ani Kita** modalities, market digitalization and expansion of available credit programs to enable basic food supply accessible by the consumers and assist farmers and fishers in direct marketing of their produce as well as provide platform where marketing of agricultural products are made easy.



15 Kadiwa Retail Selling or Tabo sa DA were regularly conducted at the DA premises to make products accessible and affordable by the DA employees and for the neighboring government offices as well as consumers nearby. A total sale of **P763,486.00** was generated where 45 farmers and other KADIWA suppliers benefited the activity.

10 KADIWA ni Ani at Kita **“Locally Sourced”** were held in partnership with Robinsons Place Butuan. It was launched on November 13, 2020, in which 18 farmers and fisherfolk organizations, poultry raisers, processors and fruit and vegetable dealers generated a total sale of **P724,768.00**.

49 Farmers and Fisherfolk organizations/cooperatives, meat distributors, poultry raisers and dealers of fruits and high value vegetables battled into the ground to ensure accessibility of food supply almost at the doorsteps of the consumers during the community quarantine and lockdown period where health protocols were strictly imposed. The Activity generated a total sale of **P4,268,832.00**.



SM City Butuan also offered their space for free as a venue of KADIWA ni Ani at Kita activity which runs from December 10, 2020 to December 30, 2020 and generated a total sale of almost **P300,000.00**.

Introduced and launched **AgriKultura Online KADIWA**, the newest marketing platform for agricultural produce last October 15, 2020. An online platform that provides easy access to fresh and affordable agricultural produce which will be delivered directly to consumers. It already partnered and linked with 400 farmers and farmer organizations in the Region like Sumilihon Taguibo Farmers Association, Inc. (SUTAFI).

Price monitoring of agri-fishery commodities and implementation of the Price Act was also intensified and strengthened in the region. Joint monitoring activities were conducted by the **Regional Bantay Presyo Monitoring Team (RBPMT)** and implementation of Price Freeze or Price Ceiling of basic and prime commodities in major markets in the Region.



RESEARCH AND DEVELOPMENT SERVICES

Research and Development conducted the following researches/ studies relative to crops and animals to aid the needs and improved the productivity of the farmers in the region for a sustainable agriculture:

NEXT-GENERATION RICE



Accelerating the Adoption of Next-Generation Rice Varieties for the Major Ecosystems in Caraga Region. The ultimate goal of this project is to facilitate the easy access of farmers to newly released rice varieties which are highly adaptive to Caraga agro-climatic condition. Trials were conducted in the municipality of Gigaquit, Surigao del Norte and Lianga, Surigao del Sur.

Base on the result of the Participatory Varietal Selection, the top performing varieties cutting across sites except for saline ecosystem that can be used by the farmers in the region were identified. The following are the highly adaptive rice varieties in Caraga agro-climatic conditions:

Irrigated Ecosystem: NSIC Rc508, NSIC Rc510, NSIC Rc512, NSIC Rc514, NSIC Rc222, NSIC Rc442, NSIC Rc506

Rainfed Ecosystem: NSIC Rc27, NSIC Rc346, NSIC Rc416, NSIC Rc418, NSIC Rc478, NSIC Rc480

Saline Prone Ecosystem: NSIC Rc222, NSIC Rc532, NSIC Rc534, NSIC Rc528, NSIC Rc336, NSIC Rc536

Among the adaptive rice varieties, NSIC Rc508, NSIC Rc27 and NSIC Rc222 are found to be the top yielders in irrigated, rainfed and saline-prone environments respectively.

The techno demo component of the project for year 2020 showcased the performance of NSIC Rc480.

A total of 493 bags were distributed to 319 rice farmers in 10 municipalities across Caraga Region. Based on the LGU reports, the yield obtained by NSIC Rc480 in Butuan City (4.81t/ha), San Francisco 3.48t/ha), Bunawan (3.63t/ha), and Trento (5.22t/ha) were above the average yield of the variety. It was in Trento and Butuan City sites where it really performed well, and even surpassed the maximum yield of the variety of 4.4t/ha.

PHILIPPINE RICE INFORMATION SYSTEM



The overall accuracy of the 2020 rice area estimates from the SAR image already reached 93% when compared that of the ground truth points from 86% accuracy in 2015. This improvement in accuracy level indicated that PRISM is becoming more reliable as tool for rice detection and mapping.

PEST RISK IDENTIFICATION AND MANAGEMENT



As an offshoot to the PRISM project, this project specifically aims to assess the incidence of pests and disease in the major rice producing provinces and municipalities in the region with focus on the data collection of pests' injuries such as bacterial leaf blight, blast, brown planthopper, rodent, and tungro/green leafhopper.

Sheath blight, white stemborer, and brown spot are the most common tiller and foliar injuries observed in rice across sites in the region. Other injuries were also present but not as consistent as that of the abovementioned aside that their incidence level is minimal and tolerable.

As recommendation of the affected areas, technology bulletin were provided to the pilot sites in Agusan del Sur highlighting the management recommendations and control measures of various insect pests and diseases.

RICE CROP MANAGER



RCM Nutrient Omission Plot Technique (NOPT) trials were conducted in the province of Surigao del Norte which was used in the updating of current version of RCM based on the collected information and indigenous nutrient supply.

Base on the results the most limiting nutrient in Mainit, Surigao del Norte were N>K>S>Zn>P. It is interesting to note that N is limited in most irrigated soils while P is the least limiting nutrient. This result however needs further verification to have a more conclusive data.

SUPPORT TO FOOD SUFFICIENCY



Edible Mushroom Project in Trento and Del Monte Research Stations enabled 1,064 Agricultural Technologist and farmers to be trained on mushroom production and processing of which 213 were already adopting the technology and 29 are already into commercialization.

A total of 15 other on-going Regional Collaborative Projects were on-going for the year as follows:

- Rice-related studies:**
1. Comparative Analysis of RCM and RSTL-based Recommendation Under Irrigated Condition in Caraga Region
 2. Impact Assessment of Farmer Field School
 3. Adaptation trial of upland rice varieties under SDS condition
 4. Assessment on the level of farm mechanization on rice in Caraga Region: For production support and policy recommendation

- Livestock-related studies:**
1. Phenotypic Characterization, Conservation Improvement and Production of Caraga Native Animal under Philippine Native Animal Development Project (PNAD)
 2. Performance of Upgraded Native Pig Fed with Ramie-ramie Leaves and Corn Bran as Basal Diet
 3. Development of Caraga Black Native Chicken through Selection and Breeding as Potential Niche Product of Caraga Region

- Corn-Cassava-related studies:**
1. Modeling on the Tuber Yield of the Different Varieties of Cassava (*Manihot esculenta*) Using its Agronomic Traits
 2. On-Farm Participatory Evaluation in Caraga Region: Nutrient Expert for Cassava
 3. Conservation and Management of Philippine Traditional Corn Germplasm in Caraga Region
 4. Potential of Copper (Cu) in the Suppression of Cassava Witches Broom Phytoplasma Disease (CWBPD)

- HVCD related studies:**
1. Improvement of Soybean (*Glycine max* {L.} Merr.) for Higher Income, Enhanced Soil Health, and Better Nutrition
 2. Adlay (*Coix lacryma-jobi* L.) Intercropped with Leguminous Crops Under Mine affected Communities in Caraga Region
 3. Herbs and Spices Development Program of Tagbina RES for Health and Wellness
 4. Yield Performance of Different Cacao Varieties/Clones under Caraga Region Condition (Phase II)

Product development and commercialization of locally available agriproducts in Caraga

Sixteen (16) agri-related products were submitted to DOST-Caraga for microbial analysis.

Based on the results provided, only 8 agri-products out of 16 submitted samples such as choco coco, sweet pilli nut, coco cookies, mushroom macarons, salabat with coco sap, black soy tea, black Soy beverage, and roasted black soybean passed the recommended standard microbial population which will be subjected to nutritional analysis later.



**IRRIGATION NETWORK
SERVICES**



In order to stabilize farm production by protecting against drought and increasing crop yields and quality when rainfall is insufficient 1,800 pieces of Sprinkler, 237 pieces drums, 47,650 meters of garden hose and HDPE pipes and 18 units of drip irrigation were provided to 1,800 individuals and 190 group beneficiaries, with a total cost of **Php 3,652,682.52**.



Further, the department also constructed, repaired and rehabilitated the following irrigation facilities to improve farmers production across the region:

- One (1) site of Diversion Dam costing **Php 4,900,000.00** with a total of 40 hectares service area was constructed in Sitio Ubod-ubod, Baan, Butuan City.
- One (1) site of Diversion Dam with 508.14 meters line canal with project cost of **Php 4,008,110.1** with a total of 15 hectares service area was constructed at Barangay Bitan-agan, Butuan City.



Two (2) sites of Diversion Dam Canal costing **Php 2,479,922.06** with 29 hectares service area in Tubod and Tagana-an, Surigao del Norte were repaired and improved.



One (1) site of (SWIP) costing **Php 1,070,966** with 12 hectares service area in Barangay Sto. Thomas, Loreto, Agusan del Norte was rehabilitated.

One (1) site of SWIP costing **Php 1,509,639.70** with 15 hectares service area in RES, Trento, Agusan del Sur was constructed.

One (1) site of Pag-asa SPIS amounting **Php 5,064,143.32** with 116 hectares service area in Barangay Sta. Josefa, Agusan del Sur was completed last July 14, 2020 under CY2019 funding source.



**AGRICULTURAL MACHINERIES,
EQUIPMENT, FACILITIES SUPPORT
SERVICES**

To enhance productivity, decrease postharvest losses and for a sustainable agriculture, an amount of **Php 263,080,135.99** were utilized by the department for Personal Protective Equipment (PPEs), Pre and Postharvest Agricultural Machineries, Equipment and Facilities to **4,537 individuals** and **145 groups** across the region.



**PERSONAL PROTECTIVE
EQUIPMENT (PPES)**

Personal Protective Equipment (PPEs) composed of **200 pieces farm boots**, **187 pieces farm hats** and **370 pieces Raincoats**



FARM TOOLS

Farm Tools composed of **760 pieces shovel**, **200 pieces pick mattock**, **200 pieces sharp bolo**, **300 pieces hand sickle** and **600 pieces hand spade**.





POSTHARVEST

Postharvest machineries/ equipment composed of **3 units of Recirculating Dryer, 2 units Corn Husk Sheller, 4 units Electrical Generating set for corn mill, 1 unit of extruder, 1 unit of 3 in 1 Feed Mill equipment's and 1 unit of Vacuum dryer (drawer type)** were distributed.



PRODUCTION SUPPORT

Production Support consists of **5 units transplanter, 3 units Electric Sewer bagger, 220 units Heavy Duty Plastic Pallet, 7 units Forward Tractor, 10 units Hand Tractor, 34 Pole prunner, 20 units chainsaw, 1,245 pieces Plastic crates, 5 pieces Vacuum pack sealer and 20 rolls of Farm nets.**



FARM TO MARKET ROAD DEVELOPMENT SERVICES

COMPLETED

A total of 28 Farm to Market Road projects were declared as completed in CY 2020 with an equivalent length of 22.39kilometers. Of the 28 FMRs completed, 26 or 19.69kilometers are funded under CY 2019 and only two (2) FMR projects out of seven (7) were completed under CY 2020 funding at a total length of 2.7 kilometers.

These 28 completed FMRs served 8,650.17 has. of influenced area, benefited 6,401 household and generated 296 jobs employed during its construction.



Concreting of Masundong Guimnanan FMR P2



Concreting of Ima Sukailang FMR



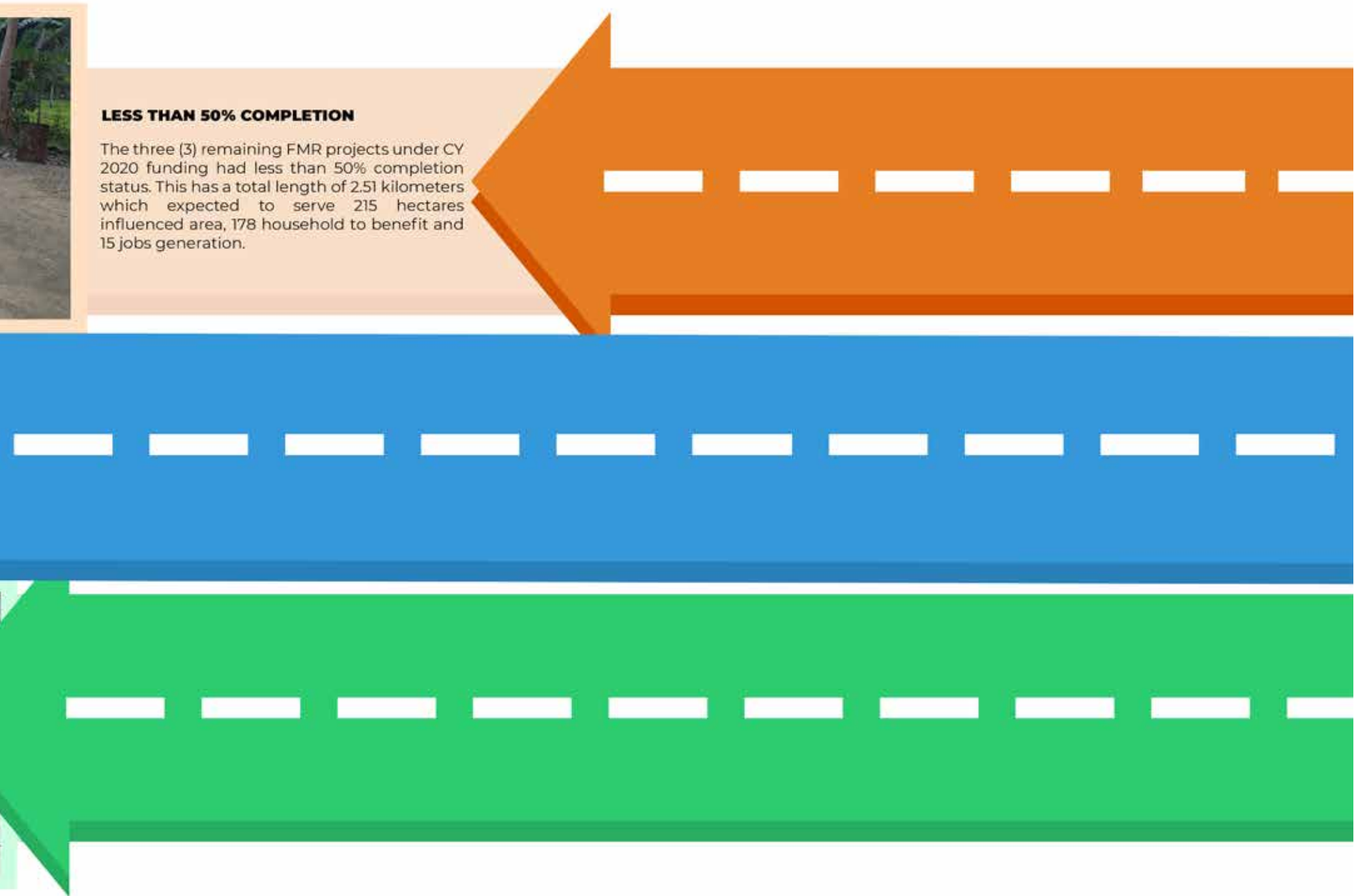
On-going Concreting of Mambutua Taod-ay FMR




On-going Concreting of Basag to Camayahan FMR

MORE THAN 50% COMPLETION

There were three (3) FMR projects with a total length of 3.38 kilometers with more than 50% completion status as of CY 2020. One (1) of which is funded under CY 2019 and two (2) are under CY 2020 fund source. This project is expected to serve 1,956.49 hectares of influenced area and to benefit 1,671 households with 15 jobs generation.



LESS THAN 50% COMPLETION



The three (3) remaining FMR projects under CY 2020 funding had less than 50% completion status. This has a total length of 2.51 kilometers which expected to serve 215 hectares influenced area, 178 household to benefit and 15 jobs generation.

REGULATORY SERVICES

To make agriculture a more profitable venture through scientific cultivation based on market demands, the following were conducted:



CERTIFICATION AND ACCREDITATION



Pre-assessment of farms were conducted to **26 Farms/Facility** for Good Agricultural Practices (GAP), 12 Farms/Facility for Good Animal Husbandry Practices (GAHP) and **three (3) for Organic Farms**.

MONITORING AND SURVEILLANCE ACTIVITIES



Collected **217 samples** of animal feed and feed ingredients for laboratory analyses. Conducted monitoring and surveillance of **90 VIP Outlets, 13 biologic outlets, 174 animal control facility, 60 Animal Product Handlers, 66 Land Transport carrier, 13 GAP/GAHP and Organic Farms** and **40 Plant pest** occurrences.

ANIMAL DISEASE MONITORING AND SURVEILLANCE ACTIVITIES



Conducted **41 monitoring and surveillance** of Animal Diseases and collected a total of **420 samples** for Foot and Mouth Diseases and **1,020 samples** for Avian Influenza and **600 samples** for Rabies.

REGISTRATION AND LICENSING



Endorsed applications of 118 Animal feeds and feed ingredients establishments, 10 Veterinary drugs and products outlets, 21 animal control Facilities, 134 animal Product handlers and 178 land transport carriers.



INTEGRATED LABORATORIES SERVICES






The Regional Soils Laboratory also participated and passed the Proficiency Testing Program for soil, plant tissue and organic fertilizer analysis conducted by Food and Fertilizer Technology Center (FFTC) and Taiwan Agricultural Research Institute last August 10, 2020.



Refilled 62 pieces of testing kits with 5 farmer clients served.



The Regional Animal Disease Diagnostic Laboratory (RADDL) participated and passed the Proficiency Test on Brucella Rose Bengal Precipitation Test (RBPT) conducted by VETQAS- Animal and Plant Health Agency Quality Assurance Unit, UK last September 2020.



In support to operations, the Division through the various laboratories was able to analyzed a total of 7,332 various laboratory samples (soil, special assay and feed chemical) that served a total of 4,802 farmer clients in the region.



The Regional Crop Protection Center produced and distributed Biological Control Agents (BCAs) and provided technical support to our farmers in the following activities:



Distributed 72,000 packs of BCAs composed of 6,000 packs of *Metarhizium anisopliae*, 6,000 packs of *Trichoderma*, 3,000 packs of *Trichogramma evanescens*, 2,000 packs of *Trichogramma chilonis*, 5,000 packs of *Trichogramma japonicum* and, 50,000 packs of Earwig and pesticides for the Management of Corn Fall Armyworm to a total of 274 beneficiaries.



Conducted Field Diagnosis and Validation of Reported Pest and Diseases on 2 Hectares Vegetable Farm last June 15, 2020 at Brgy. Salvacion, Trento, Agusan del Sur and provided *Trichoderma spp.* as preventive measure.



Provided technical support for the fall Armyworm Incidence and Infestation. Setting-up of Pheromone Lures to 23 farmers beneficiaries at Barangay Jabonga, Agusan del Norte was conducted for the Monitoring and Management of Corn Fall Armyworm in their respective areas.



Validated a total of 108.5 hectares of Panama Disease Infected Banana Farms in Brgy. Poblacion and Manat, Trento, Agusan del Sur.



Distributed and demonstrated the utilization of *Trichoderma spp.* on the management of panama disease of Banana last July 1, 2020 at Brgy. Tudela, Trento, Agusan del Sur.



Collected and Mass-produced New Species of green muscardine fungus and white muscardine fungus (*Metarhizium spp.* and *Beauveria spp.*) infecting Fall Armyworm.



PHILIPPINE RURAL DEVELOPMENT PROJECT



LOCAL AND NATIONAL LEVEL PLANNING (I-PLAN)

In CY 2020, one (1) Value Chain Analysis (VCA) for Tuna was approved. The provinces of Surigao del Norte and Surigao del Sur adopted the Tuna in their respective Commodity Investment Plans (CIP).

The I-PLAN conducted Mindanao-wide Stakeholders' Consultation for Abaca at the onset of the year. It paved way for the updating of VCA for Abaca. As of the reporting period, VCA for Abaca is still on-going updating in coordination and partnership with PhilFIDA.

I-PLAN component conducted assessment of the CIPs of Province of Dinagat Islands, Butuan City and Agusan del Norte. The unit also conducted Convergence assessment of Agusan del Norte on the last quarter of the year.

LGUs of Butuan City and Agusan del Norte were currently updating their CIPs incorporating climate change and biodiversity conservation outline.

Together with M&E Unit, the I-PLAN also conducted LGU module encoding with partner LGUs to encode new data entry and update the old data in the system. The activity resulted to record Php 1.96 Billion pesos of investments for the interventions listed in the CIPs.



INFRASTRUCTURE DEVELOPMENT (I-BUILD)

The total portfolio of the region amounted to Php2.52 Billion with 23 farm-to-market roads (FMR), three (3) FMRs with bridge, three (3) communal irrigation systems (CIS) and four (4) Other Infrastructure. The 26 approved subprojects amounting to Php 1.86 billion benefitted 31,836 households' farmers and fisherfolk. Four (4) subprojects were completed for this year amounting to Php 387.013 Million – three (3) farm-to-market roads and 1 other infrastructure.

For the Financial accomplishment of I-BUILD as of December 2020, the RPCO hit 80% of the target for the year 2020. Cumulatively, the region hit Php 1.34 billion or 81% disbursement of the completed and on-going subprojects.

On the other hand, I-BUILD team was able to conduct on-site inspections in the province of Agusan del Norte, where travel was allowed. For the other provinces, the GGU counterparts were instructed to geotagged the subprojects in 25-25 meters rather than the usual 50-50 meters interval. This helped the team in checking the subproject without going to the site.

The team assisted the LGUs of Agusan del Sur, Tago and San Agustin, Surigao del Sur in compliance to the NPCO review comments of the proposed subproject and conducted re-validation of proposed subprojects of construction of Aclan-Hinandayan FMR of Nasipit, Agusan del Norte and proposed construction of Potable Water System in the Province of Dinagat Islands. The team continued to provide technical assistance thru witnessing material testing and quality control activities of the on-going subprojects.

Further, as part of monitoring of I-BUILD, the Regional Operations and Maintenance Audit Team (ROMAT) of the region conducted first round of Operations and Maintenance Audit System (OMAS) to all 11 completed subprojects of the previous years. It resulted to 27% good and 73% fair results. Second round of ROMAT was not materialize this year due to travel restrictions.



ENTERPRISE DEVELOPMENT (I-REAP)

At the onset of the year, the Regional Project Coordination Office (RPCO) management created the Task Force to assist I-REAP in the monitoring and inspection of on-going and under pipelined subprojects. Units were grouped to ensure that every issues and concerns of the LGU and proponent groups were taken cared of. However, COVID-19 pandemic and the quarantine protocols hampered the implementation. Still, this did not stop the Component in achieving completion of four subprojects amounting to Php 39.662 Million. These subprojects would benefit 16 proponent groups and 2,012 individuals.

This year, two (2) subprojects were also approved by Regional Project Advisory Board (RPAB) and awarded with No Objection Letter (NOL). These were the Green Coffee Beans Production and Marketing of Agusan del Norte and Input Provision/Support for Seaweeds Production, Processing and Marketing of the Province of Dinagat Islands.

Cumulatively, the I-REAP has 14 subprojects in the portfolio amounting to Php 113.86 Million. Eight of these were small enterprises and three each for both medium and micro enterprises that would benefit 4,642 individuals. The province of Surigao del Sur has four (4) subprojects, the provinces of Agusan del Norte and Dinagat Islands have three (3) subprojects respectively and the provinces of Agusan del Sur and Surigao del Norte have two (2) subprojects per province.

I-REAP subprojects supported nine (9) commodities in the VCA. These were seaweeds, rubber, crumb, green coffee beans, coconut-fiber and peat, cassava - chips and granules, bangus, banana-lakatan, banana-cardava, and abaca.

Financial accomplishment of I-REAP as of December 2020, hit 77% or 22.53 million. Cumulatively, the component disbursed 75% or 59.66 million over the years.

I-REAP also conducted capability-building activities to the proponent groups. Seven (7) Enterprise Operation Manual formulation/updating, eight (8) Enterprise Assessments, 39 skills training, four (4) Proponent Groups (PGs) market linkage and two (2) application for credit facilitation.



PROJECT IMPLEMENTATION SUPPORT (I-SUPPORT)

Social and Environmental Safeguards (SES) - spearheaded the Training on the Mainstreaming of PRDP tools to DA Banner Programs: Integrated Environmental and Social Safeguards Frameworks (IESSF). It was participated by the organic personnel of the Department of Agriculture last July 29-30, 2020. Registered three (3) complaints in the grievance system and resolved the same complaints. The SES unit also prepared four (4) ESMP compliance report for the completed subprojects.

Monitoring and Evaluation (M&E) - conducted four (2) Citizens Monitoring Training (CMT) for Placer, Surigao del Norte and 1 in Butuan City. Both activities were participated with LGU representatives, Peoples Organizations (PO), BLGU officials, Contractor's representative and DA personnel. The unit also took part in the LGU module encoding of I-PLAN activity.

Geomapping and Governance (GGU) - spearhead the consolidation of data for IROAD networks. Assisted the LGUs for integrating spatial data and review the submitted kmz and geotagged files. Attended I-BUILD activities such as provision of technical assistance, site monitoring and re-validation of the proposed subprojects.

Information, Advocacy, Communication and Education (InfoACE) - Assisted the Components and Units through taking part of the activities and produced video infographics presentation. Published In FOCUS Quarterly Newspaper

Procurement - The unit took in-charge in transmitting Bid Evaluation Report (BER) of Claver Coconut Farmers' Multi Purpose Cooperative (CLACOFARMCO) warehouse to PSO, NOLI issuance to PLGUs of Agusan del Norte and Province of Dinagat Islands and NOL2 for CLACOFARMO warehouse.





To help alleviate poverty in the region, the Department through SAAD Program provided various provisions of agricultural and related interventions to the poorest of the poor of the farming and fisheries sector.



A total of 19 livelihood projects were implemented/ maintained/ expanded in Agusan del Sur and Surigao del Sur with Php 8,263,861.42 budget allocation. These benefitted 1,086 individuals and 33 group beneficiaries.



SPECIAL AREA FOR AGRICULTURAL DEVELOPMENT



Surigao del Sur had a total of seven (7) commodity-based livelihood projects. Two (2) projects each for corn-based, poultry-based and goat-based projects and one (1) vegetable-based project.



For Agusan del Sur, 12 commodity-based livelihood projects were implemented. Seven (7) projects were abaca-based, four (4) cacao-based and one (1) rice-corn based.



ADAPTATION AND MITIGATION INITIATIVES IN AGRICULTURE



To amplify the needs of developing a climate resilient agriculture sector in the region, the Department through AMIA initiated to assess exposure, sensitivity and adaptive capacity of the agri-fisheries sector to climate risk in the region through the conduct of Climate Risk Vulnerability Assessment (CRVA).

Based on the result of the CRVA, San Francisco, Surigao del Norte and Tubajon, Dinagat Islands were the most vulnerable among the Municipalities of each provinces. Considering that these municipalities were highly exposed to climate hazards, have low adaptive capacity and are observed to have decreasing suitability of crops to climate variability in the future. It was recommended by the provincial office of PDI to establish the AMIA village in the municipality of Tubajon, PDI. Also, learning sites were also recommended to be established in the province of Surigao del Norte specifically in Siargao and San Francisco.



Conducted module development activities for mainstreaming disaster risk reduction - climate change adaptation in Department of Agriculture programs and projects.



One of the pilot sites of AMIA, in Magsaysay, Jabonga, Agusan del Norte, had a total of 30 farmers graduated from Climate Resilient Field School (CRFS) for vegetables production.



PLANNING, MONITORING AND EVALUATION

The crisis brought by the Covid-19 pandemic challenged the PMED team but had managed to push through with the activities following the restrictions and health protocols in order to hit the target for the year.

Among the highlights of the activities conducted were the following:



Updating of the **Commodity Road Maps** from CY 2020 to CY 2025 intended to firm up the cluster one (1) draft commodity industry roadmaps through series of consultation with relevant stakeholders via blended platform.



Conducted project monitoring activities in areas with no border restrictions for the period. A total of **104 units of Machineries and Equipment** under the Rice Mechanization Program and Rice Processing Center (RPC) Projects were monitored with majority of the projects located in the province of Agusan del Norte and Butuan City. M&E Report was presented to the Management during the M&E Report Conference on December 2020.



Further, due to travel restrictions of other provinces, the PMED initiated monitoring and evaluation strategy by using snail mail hence a total of **660 mails** were sent to 660 farmer beneficiaries to track and monitor the planting materials distributed from CY 2017 to CY 2018 under the High Value Crops Development Program.



Conducted the **PMED Strategic Planning Workshop** to identify strategic directions as guide in the annual sets of activities.



Conducted **Regional Assessments** (mid-year and year-end), Coordinators and Report Officers Meeting following health protocols and social distancing with some of the participants attended the activity via virtual means.



The Information and Communication Technology Unit (ICTU) was able to develop one (1) RAFC-DMIS, enhanced 12 previously developed Information Systems (IS), and backed-up 12 existing IS Database. Also, 320 computer units were repaired and Network Infrastructure was maintained.



Conducted Stakeholders Consultation through blended form (virtual and face-to-face) and formulated the **CY 2022 Plan and Budget Proposal** by commodity by province/city that serves as the input for the CY 2022 Regional Plan and Budget Proposal.



REGIONAL AGRICULTURAL AND FISHERY COUNCIL

CONSULTATION

Conducted ten (10) Meetings out of the targeted four (4) (225%)

Accomplished 24 Local Issues Resolved out of the targeted four (4) (600%)



Adopted the following resolutions:

- Mindanao Summit Resolution No. 1, "Recommending the NMIS to Institutionalize the Monitoring of *Escherichia Coli (E. Coli)* Salmonella and other diseases in the Slaughterhouses;
- Mindanao Summit Resolution No. 6, "Recommending DA to use Solar Powered Driven Specifications for Pump Irrigation Projects instead of Diesel-Driven Pump Irrigation System"; and
- RAFC Resolution No. 1, "Recommending the Philippine Crop Insurance Corporation (PCIC) Caraga to include the damages or loss brought by the Corn Plant Hopper (CPH) in the insurance coverage for Corn"



MONITORING

Monitored 745 Projects amounting to Php 1.3B

Accomplished 58 reports out of the targeted four (4)

Created an online Monitoring System used for the Monitoring Activities



GENERAL ADMINISTRATION SUPPORT SERVICES

ADMINISTRATION

Amidst the Covid-19 pandemic, the DA-Caraga successfully celebrated its **25 years of existence** together with the DA-Caraga Partners in the Local Government Units, Bureaus and Attached Agencies, National Line Agencies, RAFC, Academe, and other partners in the private organization through virtual platform.

**25
YEARS**



To recognize the dedicated service and loyalty of the public servants of the department, the employees were given tokens for their years of service. One (1) awardee received recognition for rendering **33 years of services** in the Department, three (3) for **30 years**, one (1) for 25 years, three (3) for **20 years** and one (1) for **15 years**.

A **Tribute to the Retiring Employees** was conducted to honor the exit of two (2) employees of the Department.



As to filling up of vacant positions, a total of **13 employees** were newly appointed in the various Operating Units of DA Caraga. **Five (5) employees** were also promoted in the Regional Agricultural Engineering Division.

FY 2020 FUND ALLOCATION BY FUNCTION



FINANCE

For CY2020, the Department has a total allotment of **Php 935,269,821.04**. Bulk of the budget is under the Other Fund Source of 53.6% which include the Bayanihan II (RA 11494) of Php342,888,000.00 or 63.4% in response to Covid-19 pandemic. This is followed by the Productivity in Agriculture Sector by 28.7%.

Total allocation for FY 2020 is 0.27 percent or Php 2,669,891.00 higher than the previous year. A total of Php 859,274,364.07 or 92 percent of this allocation was obligated and 46 percent or Php 396,434,504.47 was disbursed within the year.

Agricultural Competitiveness Enhancement Fund (ACEF)

Under Agricultural Competitiveness Enhancement Fund (ACEF), a total of 835 applications were submitted to LBP. Out of the 835 applications, 366 applicants were granted with a total amount of **Php 37,523,850.00** loan assistance for the establishment of their proposed projects. Validated 810 applications and 489 were endorsed.



SURE Aid Loan Program

A total amount of **Php 77,750.00** was granted to 3,110 loan applicants of SURE Aid Loan Program.

LOAN FACILITATION SERVICES

To provide financial assistance to both micro and small enterprises engaged in agriculture and fisheries production and other supply chain activities, the Department of Agriculture expanded the loan assistance through Land Bank of the Philippines (LBP) and the Agricultural Credit Policy Council (ACPC) namely the Agricultural Competitiveness Enhancement Fund (ACEF), Sure Aid Program, Production Loan Easy Access (PLEA), and the Agri-Negosyo Loan Program (ANYO).



Production Loan Easy Access (PLEA)

Under Production Loan Easy Access (PLEA), a total of **Php 39,563,104.00** was disbursed to 1,094 Small Farmers and Fisherfolks (SFF) borrowers through the 6 Lending conduits of the ACPC in the region.



Agri-Negosyo Loan Program (ANYO)

For Agri-Negosyo Loan Program (ANYO), **Php 3Million** worth of financial assistance was granted to one (1) farmer individual borrower in Gigaquit, Surigao del Norte.

AWARDS & RECOGNITIONS

📷 Photography Contest

MILLENNIAL CATEGORY

- 1st place - Charmagne Dela Peña
- 2nd place - Ribeth Morgado
- 3rd place - Gerard Rogo
- 4th place - Jezreel Salino
- 5th place - Glenmar Jainer
- 6th place - Alexandria Galon



GEN 2 CATEGORY

- 1st place - Dax Aaron Ucat
- 2nd place - Jobert Cordero
- 3rd place - Jan Edcel Man-on
- 4th place - Flood Febrey Ramira
- 5th place - Kristine Angel Gaid
- 6th place - Khayn Francis Corvera



Organic Agriculture Program



-  *Outstanding Province:*
Provincial Local Government Unit of **Province of Dinagat Islands**
-  *Outstanding Provincial Focal Person:*
Rico B. Galinato, Province of Dinagat Islands
-  *Outstanding Municipality:*
Municipal Local Government of **Libjo**, Province of Dinagat Islands
-  *Outstanding Municipal Focal Person:*
Ronald Casido, Libjo, Province of Dinagat Islands
-  *Outstanding Farming Family:*
Mr. and Mrs. Cerilo Jullo and Family, Libjo, Province of Dinagat Islands



DA-CARAGA History

With the creation of Region XIII or Caraga Region thru Republic Act No. 7901 on February 25, 1995, a new ray of hope for development gleams for Dinagat Islands, Surigao del Norte, Surigao del Sur, Agusan del Sur, and Agusan del Norte, the provinces that composed Caraga Region.

To steer the agriculture and fishery developments, the Department of Agriculture Regional Field Unit No XIII was established in Butuan City as its regional center.

An oversight committee was initiated by the DA Central Office, chaired by then-Assistant Secretary Dr. Manuel M. Lantin to ensure a smooth transition from being part of Region 10 and Region 11 to an independent new Regional Field Office.

Heeding the call to join the Task Force to man the newly established RFO were 14 personnel from DA-Region 10 led by ARD Nestor W. Rodriguez as its OIC-Regional Director.

On August 2, 1995, the Task Force arrived in Butuan City from DA-Region X and established its office at the former DA-Provincial Agriculture Office, where the Butuan Soils Laboratory was housed, within the Agusan del Norte Capitol Compound.


The regional office was composed of the retained facilities of DA from Regions 10 and 11, namely, Butuan Soils Laboratory, Taguibo Mini Stock Farm, Masao Brackish Fish Farm, Placer Fish Farm, Kitcharao Fish Farm, Research Outreach Station (ROS)-Lowland

Rainfed Development Agricultural Service Center and San Francisco Seed Farm, and ROS Tagbina Provincial Nursery. The Quarantine Services, namely of Port of Masao; Pulang Lupa, Trento, Agusan del Sur, Port of Surigao City, Port of Tandag and Bislig, Surigao del Sur were also part of the newly established regional office.

Later, its limited workforce was augmented with additional personnel from DA-Region 10 and Region 11, hired new staff both permanent and contractual workers.

A year after, the Regional Research Center was established in Trento, Agusan del Sur as per Administrative Order signed by then DA Secretary Roberto S. Sebastian named Caraga Integrated Agricultural Research Center.





In November 12, 1997, the Provincial Government of Agusan del Norte represented by Governor Maria Angelica Rosedell M. Amante-Matba and DA-Caraga represented by former Regional Director Joel Rudinas signed a lease agreement allowing DA to utilize the 1,583.63 square meter lot to house the regional office for a period of 99 years.

A new 3-storey building was inaugurated In 1999, to house the growing manpower of DA-Caraga, and a second 2-story building at the front was also built the following year.

It was during the time of Director Ricardo C. Regis that the covered court was built to serve as the motor pool and multi-purpose activity area.

From 1995 to 2000, Director Nestor W. Rodriguez and Director Joel S. Rudinas served as its Regional Director alternately.

After the stint of Director Rodriguez and Director Rudinas, they were succeeded by the following officials, namely, Ricardo C. Regis, Constancio C. Maghanoy, Jr., Reinerio B. Belarmino, Jr., Edna M. Mabeza, Renato P. Manantan, Alberto De Ocampo, Jr. and currently Abel James I. Monteagudo.

Finally after almost 10 years of working out the DA-wide Rationalization Plan, in 2014 DA-Caraga was granted a full personnel complement of 120 plantilla positions. Director Edna M. Mabeza was privileged to appoint majority of the personnel.

To bring DA-Caraga closer to the Local Government Units, the Agricultural Program Coordinating Offices (APCO) were established in the five (5) provinces as part of the implementation of the rationalization program.

In January 29, 2016, Regional Director Edna M. Mabeza and the City Government of Butuan represented by Mayor Ferdinand Amante, Jr., signed the Deed of Conditional Donation transferring the ownership of the lot of Taguibo Integrated Laboratories from Butuan City LGU to DA-Caraga.

Director Edna M. Mabeza was then succeeded by Director Renato P. Manantan, Director Alberto D. Ocampo, Jr. and currently by Director Abel James I. Monteagudo.

On its 25th year of operation, DA-Caraga is still true to its mandate and commitment to continue providing support to its stakeholders in order to achieve the goal of a food-secure region.



25 Years Highlights

After 25 years, Caraga has emerged from once unnoticed and underdeveloped condition. Though its phase of development might be sluggish but owing to its vast potentials and high-spirited people, the region will realize its vision as the next food basket and mineral capital in Northeastern Mindanao.

DA-Caraga takes pride in its contribution in building the agriculture sector in the region.



Establishment of Small-Scale Irrigation Systems

A total of 229 small-scale irrigation subprojects were completed serving 1,840 hectares of food production areas.



Establishment of Farm-To-Market Roads

Providing farmers an easy access to the market and reducing post travel losses through the construction of 758 FMRs with a total length of 1,124 kilometers.



Provision of Farm Machineries

Modernizing agriculture comes with improved farm mechanization. A total of 2,707 pre and post-harvest machineries and equipment

distributed for free to various farmers' association and cooperatives that enabled them to increase productivity and income.



Establishment of Rice Processing Centers

Considering Caraga Region's climatic condition, where there is no definite dry season, DA established 15 Rice Processing Centers, equipped with building, milling and drying equipment with initial capital for trading and hauling trucks. The facilities were operated by farmer cooperatives providing services in the locality all year round.



Provision of Village Type Drying Facilities

18 Village Type Drying Facilities were established that served corn cluster areas to produce Quality Corn Products in the region.



Establishment of Municipal Food Terminals

In partnership with the LGUs, 69 Municipal and Barangay Food Terminals were established as local venue of marketing agriculture products.



Financial Assistance

More than Php 600 Million has been poured in to help the farmers and fisheries financially benefitting 52,281 farmers regionwide.



Establishment of DA Regional Building

Establishment of Buildings for DA Regional Office and Agricultural Provincial Coordinating Offices to ensure continuous services and brought us closer to various stakeholders in agriculture.



Integrated Laboratories Services

Establishment of an Integrated Laboratories which caters to various laboratory services and provides recommendation to farmers on better management of crops and livestock as well as on management of pest and diseases. The facility housed the Regional Soils Laboratory, Regional Animal Disease Diagnostic Laboratory, Regional Feed Chemical Analytical Laboratory, Regional Rabies Laboratory and is located at the former Taguibo Mini Stock Farm, Taguibo, Butuan City.

The Regional Crop Protection Center was strategically established within Trento Research and Experiment Station, Trento, Agusan del Sur to be more accessible to the farming communities.



Establishment of Research Experiment Stations

Establishment and Improvement of Research Experiment Stations is vital in the development of

technologies for the advancement of farming practices. These were located in Del Monte, Talacogon, Agusan del Sur, Trento, Agusan del Sur and Maglambing, Tagbina, Surigao del Sur.



Keeping Caraga Region Foot and Mouth Disease (FMD)/Bird Flu - Free

The collective effort of the LGUs, other agencies and private institutions headed by the Department of Agriculture has kept the region free from emerging and infectious diseases.



Genetic Upgrading Through Livestock

Consistent support to the Genetic Improvement of Livestock and Poultry through the Artificial Insemination and provision of drugs and biologics ensured a healthy animal population. In partnership with the Local Government Units, a total of 60 Multiplier Farms were established in strategic locations in the region amounting to Php 28,230,086.



Infrastructure and Livelihood Projects funded by Special Projects

Apart from DA Regular and Banner Programs, the Department successfully implemented various infrastructure and livelihood projects funded under the local and foreign assistance to alleviate poverty. These include SAIS-BC, SELAP, PAMANA, CIDP, InFres, SAAD, BUB and PRDP.



Recognition of Outstanding Performance

Caraga bagged consistent awards from various National Award giving bodies due to its outstanding performance in Corn, Rice, Organic Agriculture, Gawad Saka.

One-Stop-Agribusiness Center (OSAC)

The One-Stop-Agribusiness Center (OSAC) was established for a dynamic and responsive marketing assistance services to Caraga farmers and agripreneurs.



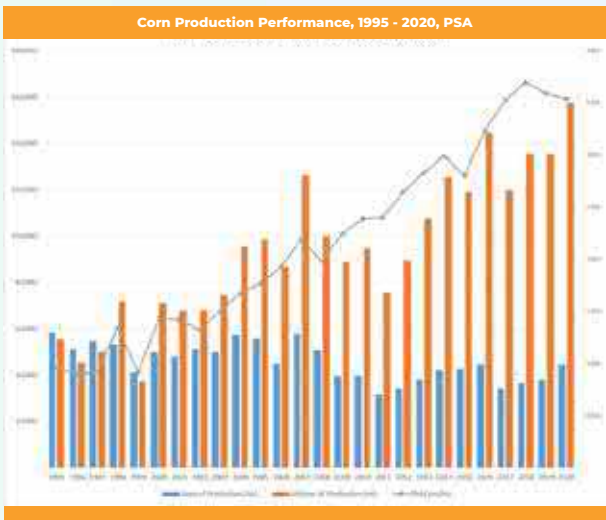
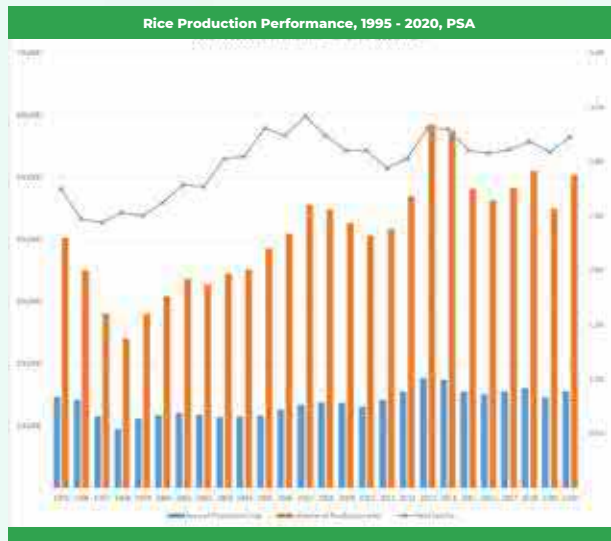


Rice Production Performance

There is an increasing average annual growth rate in area harvested with palay of 0.63 percent for the last 25 years. This is from 146,330 hectares in 1995 to 156,073 hectares in 2020.

Volume of Production for the last 25 years was also increasing at an average rate of 1.49 percent annually, from 402,359 metric tons in 1995 to 503,330.88 metric tons in 2020.

Yield of Palay has been increasing at an average rate of 0.76 percent annually, from 2.75 metric tons per hectare in 1995 to 3.22 metric tons per hectare in 2020.



Corn Production Performance

Area harvested with corn has been decreasing at an average of 0.02 percent annually within the last 25 years. This is from 57,946 hectares in 1995 to 44,550 hectares. Rise and drops of area harvested for corn was greatly affected by the erratic weather conditions, irrigation and crop shift.

However, its Volume of Production has been constantly increasing at an annual average of 7.43 percent. This is from 55,371 metric tons in 1995 to 157,639 metric tons in 2020.

Average yield per hectare has been increasing at the rate of 6.61 percent annually with 0.96 metric tons per hectare in 1995 to 3.54 metric tons in 2020.

Livestock and Poultry Production Performance



Carabao

Volume of Production of Carabeef was constantly decreasing at an average annual rate of 1.67 percent from 3,482 metric tons in 2000 to 2,369.96 metric tons in 2020.

While an average Inventory of Carabao has been decreasing at an annual average rate of 0.67 percent for the last 25 years with 91,231 heads in 1995 to 80,593 heads in 2020.

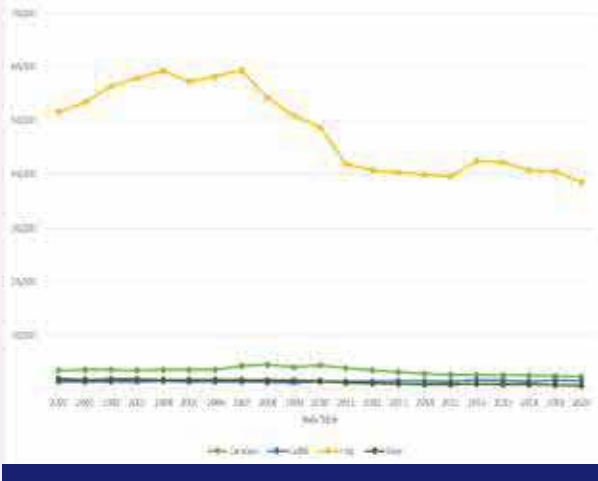


Cattle

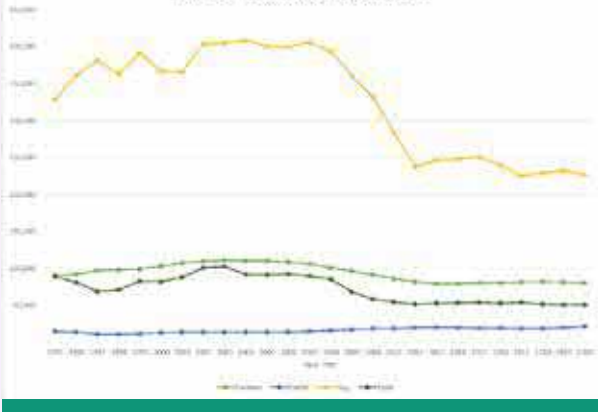
Beef had an average annual growth rate of 0.48 percent with its volume of production from 1,423.00 metric tons in 2000 to 1,489 metric tons in 2020.

Cattle inventory was also increasing at an average annual growth rate of 1.72 percent for the last 25 years with 15,101 heads in 1995 to 21,722 heads in 2020.

Livestock Volume of Production, 2000 - 2020, PSA



Livestock Inventory (head), 2000 - 2020, PSA



Goat

Chevon decreased in volume at an average annual rate of 4.79 from 1,881 metric tons in 2000 to 668 metric tons in 2020.

Inventory of goat decreased by 2.01 percent annually since 1995 with 89,495 heads to 50,859 heads in 2020.

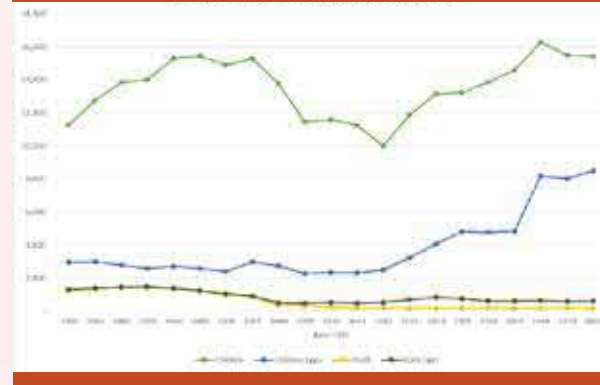


Hog/Swine

Volume of Production of pork was decreasing for the last 20 years at the 1.61 percent average annually from 51,633 metric tons in 2000 to 38,492 metric tons in 2020.

Hog inventory for the last 25 years was also decreasing annually by 1.21 percent from 328,333 heads in 1995 to 226,541 in 2020.

Poultry Volume of Production, 2000 - 2020, PSA



Duck

Volume of Production of Duck meat was in decreasing trend at the rate of 8.00 percent annually for the last 20 years with 1,229.00 metric tons in 2000 to 152.66 metric tons in 2020.

Duck Eggs

Duck eggs volume is in the decreasing trend at an average rate of 2.27 percent for the last 20 years with 1,297.00 metric tons in 2000 to 604.63 metric tons in 2020.



Chicken

Chicken volume of production has been increasing for the last 20 years at an average annual growth rate of 1.19 percent. This is from 11,281.00 metric tons in 2000 to 15,411.55 metric tons in 2020.

Chicken Eggs

Chicken eggs volume was in increasing trend for the last 20 years at an average annual growth rate of 6.83 with 2,947 metric tons in 2000 to 8,490 metric tons in 2020.

Industrial Crops

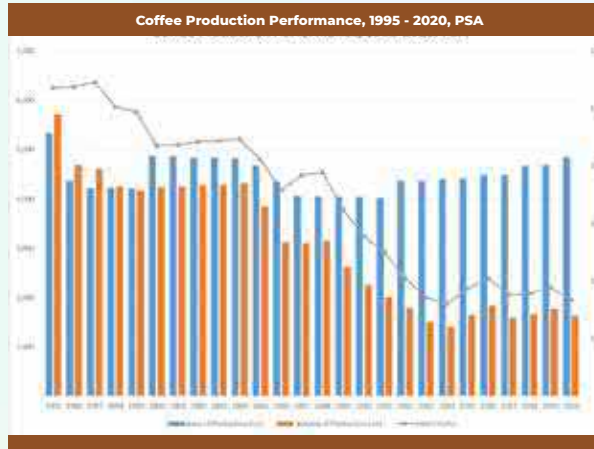
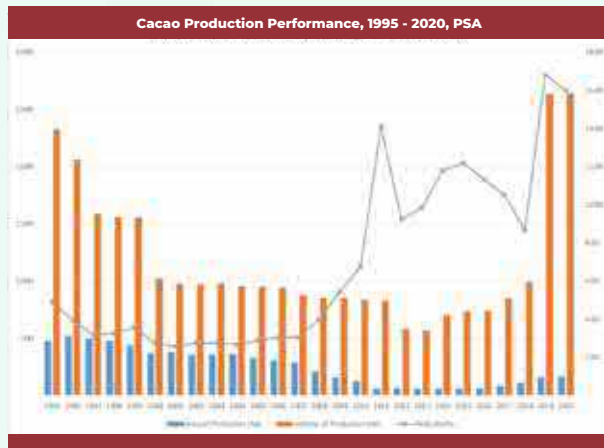


Cacao

Cacao Production has been constantly increasing at an average of 4.09 percent annually since 1995 with 2,327.05 metric tons to 2,637.50 metric tons in 2020.

Production area decreased by 2.10 percent annually for the last 25 years starting with 472.70 hectares to 164.94 hectares in 2020.

Average yield for the last 25 years of Cacao was generally increasing at the rate of 8.52 percent annually with 4.92 metric tons per hectare in 1995 to 15.99 metric tons per hectare in 2020.



Coffee

Volume of production of coffee decreased at an average of 4.47 percent annually since 1995 with 5,716 metric tons to 1,622.24 metric tons in 2020.

Coffee Production Area decreased by 0.22 percent annually since 1995 from 5,334.00 hectares to 4,844.00 hectares in 2020.

Its average yield decreased at an average of 4.13 percent annually for the last 25 years with 1.07 metric tons per hectare to 0.33 metric tons per hectare.

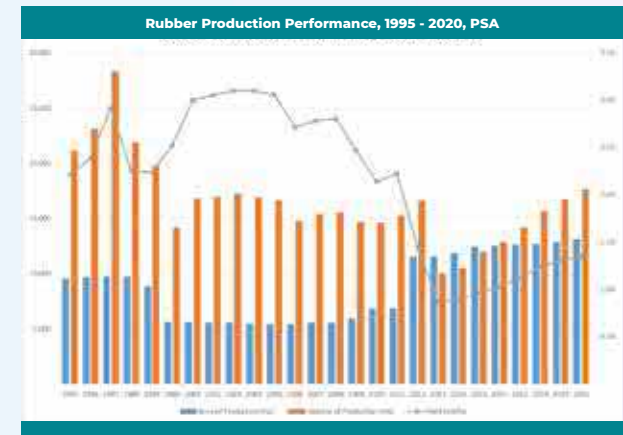


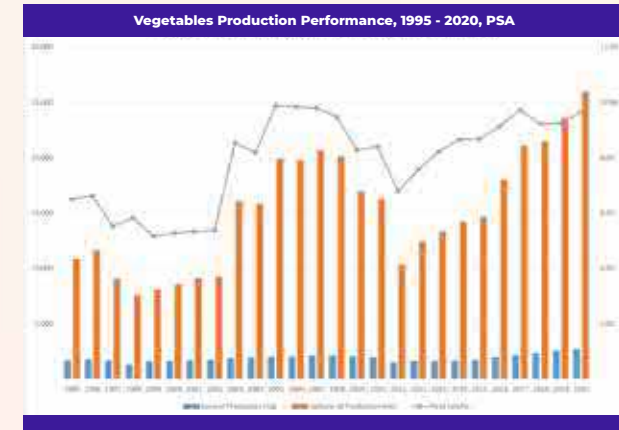
Rubber

Rubber volume of production for the last 25 years has been generally decreasing by 0.38 percent annually with 21,153.65 metric tons to 17,628.43 metric tons in 2020.

Production area increased by 2.35 percent annually since 1995 with 9,547.00 hectares to 13,111.00 hectares in 2020.

Average yield decreased by 0.76 annually for the last 25 years with 2.22 metric tons per hectare in 1995 to 1.34 metric tons per hectare in 2021.





Lowland Vegetables

Lowland vegetables is composed of Eggplant, Bittergourd, Bottlegourd, Lady's Finger, Stringbeans, Squash, Tomato, Pechay, Sweet Potato and Watermelon. There is an average annual growth in the volume of production of 5.26 percent for the last 25 years with 10,834.02 metric tons in 1995 to 25,963.70 metric tons in 2020.

Area harvested with lowland vegetables also had an average annual growth of 2.38 percent since 1995 with 1,666.42 hectares to 2,693.15 hectares in 2020.

Yield of lowland vegetables has been increasing annually at the rate of 2.44 percent with 6.50 metric tons per hectare in 1995 to 9.64 metric tons per hectare in 2020.

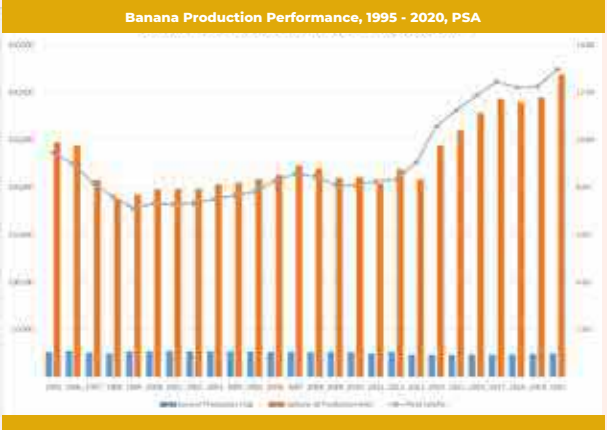
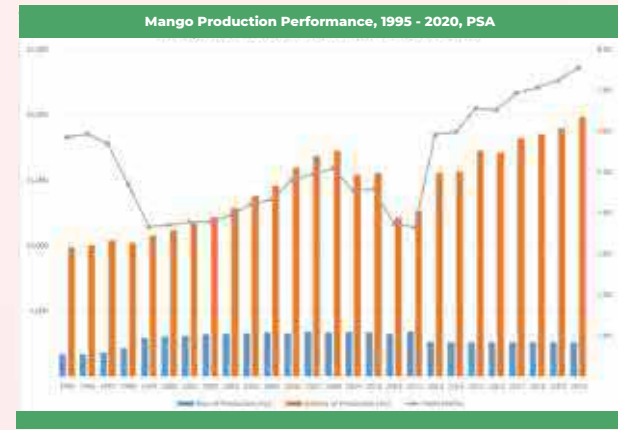


Mango

Production performance of Mango has been generally increasing for the last 25 years. At an annual average of 3.12 percent, volume of production increased from 9,862.04 metric tons in 1995 to 19,806.00 metric tons in 2020.

There is an average annual increase of 2.21 percent in area harvested since 1995 with 1,687.01 hectares to 2,626 hectares in 2020.

Yield of Mango for the last 25 years has showed a 1.93 percent average annual growth from 5.85 metric tons per hectare in 1995 to 7.54 metric tons per hectare in 2020.



Banana

Volume of Production of Banana has been increasing by 1.20 percent annually from 1995 with 247,480.00 metric tons to 318,919.73 metric tons in 2020.

Area of Production has been decreasing at the rate of 0.17 percent annually with 26,153.00 hectares in 1995 to 24,601.45 hectares.

Average yield has been increasing at the rate of 1.41 percent annually for the last 25 years from 9.46 metric tons per hectare in 1995 to 12.96 metric tons per hectare in 2020.

Through The Years















2019



2020



1995 TO PRESENT
DIRECTORS



**RODRIGUEZ
NESTOR W.**
Regional Executive Director

August 1995 - July 1997
July 1998 - July 1999
March 2000 - May 2005



**MAGHANOY, JR.
CONSTANCIO C.**
Regional Executive Director

January 2010 - Sept. 2010



**MANANTAN
RENATO P.**
Regional Executive Director

May 2005 - June 2005
July 2016 - January 2017



**RUDINAS
JOEL S.**
Regional Executive Director

August 1997 - June 1998
August 1999 - March 2000



**BELARMINO, JR.
REINERIO B.**
Regional Executive Director

Sept. 2010 - March 2011



**OCAMPO, JR.
ALBERTO D.**
Regional Executive Director

January 2017 - March 2017



**REGIS
RICARDO C.**
Regional Executive Director

July 2005 - January 2010



**MABEZA
EDNA M.**
Regional Executive Director

March 2011 - July 2016



**MONTEAGUDO
ABEL JAMES I.**
Regional Executive Director

March 2017 - Present



ABEL JAMES I. MONTEAGUDO
Regional Executive Director



NICANRDO M. NAVIA, JR.
*Regional Technical Director
for Research & Regulations and ILD*



REBECCA R. ATEGA
*OIC, Regional Technical Director
for Operations and LGU Support*



JOSEFA M. GIDACAN
*Chief, Planning Monitoring
and Evaluation Division*



CORAZON A. YAMIT
OIC, Admin and Finance Division



MELODY M. GUIMARY
OIC, Field Operations Division



ABEL F. WAGAS
OIC, Research Division



RENE Q. MORALES, RPAE
*Chief, Regional Agricultural
Engineering Division*



JOHNNY M. CONCON
Chief, Regulatory Division



LYNN A. PAREÑAS
*Chief, Agribusiness and Marketing
Assistance Division*



GEMMA A. ASUFRE
OIC-Chief, Integrated Laboratories Division

REGIONAL MANAGEMENT COMMITTEE



VISA TAN-DIMERIN
Regional Director
BUREAU OF FISHERIES AND AQUATIC RESOURCES



ENGR. DIOCANO D. ALOJADO, JR.
Regional Director
NATIONAL FOOD AUTHORITY



JOEL B. OCLARIT
Regional Manager
PHILIPPINE COCONUT AUTHORITY



DR. DARIO BONIFACIO B. CANILLAS
Regional Manager
NATIONAL MEAT INSPECTION SERVICE



DR. CAESAR JOVENTINO M. TADO
Branch Manager
PHILIPPINE RICE RESEARCH INSTITUTE



ROEL U. DURENS
Director II
PHIL FIBER INDUSTRY DEVELOPMENT AUTHORITY



SAMUEL L. CALONZO
Center Director II
AGRICULTURAL TRAINING INSTITUTE



JESTER JOHN P. JADAP
OIC, Department Manager - CDO
NATIONAL DAIRY AUTHORITY



ENGR. MADANTE P. GANOTISI
Acting Regional Manager
NATIONAL IRRIGATION ADMINISTRATION



ENGR. MARCELO P. DAYO
Regional Coordinator
BUREAU OF SOILS AND WATER MANAGEMENT



DR. LOWELL C. PARAGUAS
Center Director
PHILIPPINE CARABAO CENTER



ENGR. EDGAR B. TESTA
Cluster Head - Mindanao Area
PHILIPPINE CENTER FOR POSTHARVEST DEVELOPMENT AND MECHANIZATION



ALEXANDER P. LANARIA
Chairman
REGIONAL AGRICULTURAL AND FISHERY COUNCIL



DANILO S. NEGRE
Regional Area Coordinator
FERTILIZER AND PESTICIDE AUTHORITY



DR. ALDWIN P. CUENCA
Regional Animal Quarantine Officer
BUREAU OF ANIMAL INDUSTRY



RAMON G. MILLORIA
Regional Plant Quarantine Officer
BUREAU OF PLANT INDUSTRY



ENGR. ROMEO C. SALTING
Regional Manager
PHILIPPINE CROP INSURANCE CORPORATION

LOCAL GOVERNMENT UNITS

PROVINCIAL AGRICULTURIST AND VETERINARIAN



AGUSAN DEL NORTE
ALVIN P. ACLAN
Provincial Agriculturist
BELÉN M. ARUELO, DVM
Provincial Veterinarian



AGUSAN DEL SUR
ARMANDO G. VALIENTE
Provincial Agriculturist
JORIZ G. ELEVAZO, DVM
Provincial Veterinarian



SURIGAO DEL NORTE
RUBY-ANN S. LAGAHIT
Provincial Agriculturist
LIFE SHIELA L. CUBILLANES, DVM
Provincial Veterinarian



SURIGAO DEL SUR
MARCOS M. QUICO, RA, MPA
Provincial Agriculturist
GERVACIO A. YPARRAGUIRRE, DVM
Provincial Veterinarian



DINAGAT ISLANDS
OSWALDO T. BORJA
Provincial Agriculturist
AIMEE A. JIMENO, DVM
Provincial Veterinarian

CITY AND MUNICIPAL AGRICULTURIST

BUTUAN CITY

ENGR. PIERRE ANTHONY D. JOVEN
BUTUAN CITY

AGUSAN DEL NORTE

ELMER A. CLAROS
BUENAVISTA, AGUSAN DEL NORTE

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

JOSEPH R. DELOS SANTOS
CARMEN, AGUSAN DEL NORTE

ADRIANO D. BALAN
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

REBECCA A. QUICHO
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

GODOFREDO B. CURIE
BAYUGAN CITY, AGUSAN DEL SUR

RHODORA D. GARCINES
BUNAWAN, AGUSAN DEL SUR

JOSE ZALDY S. MANUG
ESPERANZA, AGUSAN DEL SUR

TEOFILO B. FEROLIN, JR.
LA PAZ, AGUSAN DEL SURE

ALEXANDER C. BUGAOAN
LORETO, AGUSAN DEL SUR

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 SURE

JOSEFA D. SANTOS
STA. JOSEFA, AGUSAN DEL SUR

EVELYN C. MONDIA
SIBAGAT, AGUSAN DEL SUR

REUEL A. BARRACA
TALACOGON, AGUSAN DEL SUR

ALFREDO A. GIMANG
TRENTO, AGUSAN DEL SUR

SUSAN G. CHAVEZ
VERUELA, AGUSAN DEL SUR

SURIGAO DEL NORTE

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ALEGRIA, SURIGAO DEL NORTE

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BACUAG, SURIGAO DEL NORTE

OSCAR L. DOMIÑOS
BURGOS, SURIGAO DEL NORTE

VIRGILIO A. NAVALLO
CLAVER, SURIGAO DEL NORTE

DANTE C. DOMAGTOY
DAPA, SURIGAO DEL NORTE

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DEL CARMEN, SURIGAO DEL NORTE

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GILDA A. BERSABAL
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MAINIT, SURIGAO DE NORTE

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SOCORRO, SURIGAO DEL NORTE

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TAGANA-AN, SURIGAO DEL NORTE

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TUBOD, SURIGAO DEL NORTE

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BAROBO, SURIGAO DEL SUR

GERALYN B. GUIBAO
BAYABAS, SURIGAO DEL SUR

PRIMACAR R. SUBIBI
BISLIG, SURIGAO DEL SUR

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HINATUAN, SURIGAO DEL SUR

MARIN E. CAMACHO
LANUZA, SURIGAO DEL SUR

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LIANGA, SURIGAO DEL SUR

RICKY B. TUBO
LINGIG, SURUGAO DEL SUR

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MADRID, SURIGAO DEL SUR

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MARIHATAG, SURIGAO DEL SUR

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SAN AGUSTIN, SURIGAO DEL SUR

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SAN MIGUEL, SURIGAO DEL SUR

WARLITO D. UNTUA
TAGBINA, SURIGAO DEL SUR

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TAGO, SURIGAO DEL SUR

VON C. FALCON
TANDAG CITY, SURIGAO DEL SUR

DINAGAT ISLANDS

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BASILISA, DINAGAT ISLANDS

FE LUCENA B. LONGOS
CAGDIANAO, DINAGAT ISLANDS

DIONISIO F. MALAQUE
DINAGAT, DINAGAT ISLANDS

LOPE C. LOVERIO, SR.
LIBJO, DINAGT ISLANDS

THELMA P. BERADOR
LORETO, DINAGAT ISLANDS

CITY VETERINARIAN

MANCIO DANILO A. ALEGADO, DVM
BUTUAN CITY

KAYE V. ANDALAN, DVM
CABADBARAN CITY, AGUSAN DEL NORTE

ALAN F. QUINES, DVM
SURIGAO CITY, SURIGAO DEL NORTE

ROCHE REY BARRIOS, DVM
BISLIG CITY, AGUSAN DEL SUR

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

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VICE CHAIRPERSON

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AUDITOR

ALFREDO V. LOBOG
PRESS RELATION OFFICER

ARNIE N. ARREZA
SECRETARY

JODEL A. TABADA
SECRETARIAT-COORDINATOR

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PAFC AGUSAN DEL NORTE

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PAFC AGUSAN DEL SUR

JUAN B. ARREZA
PAFC SURIGAO DEL SUR

WOODROW ESCOBAL
PAFC SURIGAO DEL NORTE

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RICE AND CORN

BRUNO G. AMPOLOQUIO
FRUITS AND VEGETABLES

ANECITO P. BONPIN
POULTRY, LIVESTOCK AND FEED CROPS/
CARAGA GOAT AND SHEEP RAISERS
ASSOCIATION

RENITO B. MENDAÑA
FISHERIES AND AQUACULTURE

PEDRO T. LIM
AGRICULTURE AND
FISHERY MECHANIZATION/
CARAGA FARM MACHINERY FABRICATORS
ASSOCIATION

ALEXANDER P. LANARIA
SMALL WATER IRRIGATION SYSTEM
ASSOCIATION/
P4MP

VIDAL M. LUNA
CARAGA SEED
PRODUCERS FEDERATION

ALFREDO V. LOBOG
CARAGA OIL PALM
DEVELOPMENT COUNCIL

BRUNO G. AMPOLOQUIO
CARAGA FEDERATION OF
BANANA INDUSTRY

RICHARD MAHINAY
CARAGA VEGETABLE GROWERS NETWORK

LODELA P. ANTONIO
CARAGA SWINE RAISERS INCORPORATED

MAXIMINO M. ROBLES, JR.
COCONUT COIR FEDERATION

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PHIL MAIZE

ROMY S. LASCO
REGIONAL FARMERS ACTION COUNCIL

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CARAGA FEDERATION OF MANGO
PRODUCERS, INC.

ALFREDO CORTEZ
COCONUT FARMERS ORGANIZATION

ACILA A. COYOCA
REGIONAL RURAL IMPROVEMENT CLUB

JUNITO SANTING JR.
REGIONAL 4H CLUB

JIMMY E. GERONIMO
PAMBANSANG KILUSANG SAMAHAN NG
MAGSASAKA

ARNIE N. ARREZA
CARAGA ORGANIC FARMERS
FEDERATION, INC.

ISMAEL A. ELEVAZO
CARAGA RUBBER INDUSTRY
FEDERATION, INC.



25 *years*


of Service to Caraga Farmers
and Fisherfolks





*“A food-secure Philippines with
prosperous farmers and fisherfolk”*

 Capitol Site, Butuan City

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