



# SAAD ventures



N O R T H E R N  
M I N D A N A O

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**INFOGRAPHICS & STORIES  
ON EMPOWERED FARMERS AND FISHERS**



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Our great pleasure to welcome you to the SAADventures magazine which is a joint output of the Department of Agriculture (DA) and the Bureau of Fisheries and Aquatic Resources (BFAR) – Region 10. This publication is a compilation of testimonies of our beneficiaries (farmers and fisherfolks) who successfully implemented their livelihood projects beyond expectations.

As of December 31, 2019 and since its implementation in 2017, the SAAD Program in Region 10 has provided 161 agricultural and fishery livelihood projects to 6,382 farmers and 1,696 fisherfolks.

We value knowledge and social preparation in our program. Not only did we provide farm inputs and machinery, we also train 3,646 farmers and 1,696 fishers on various topics necessary for the sustainability and management of the projects.

SAADventures is a realization that the opportunities for making a difference to resource-poor farm communities is immense. Featuring the experiences and processes farmers and fisherfolks went through brings in the proof of concept of the program's advocacy specifically on the interventions it has implemented. This is also a form of tribute to the beneficiaries by highlighting their stories which can serve as a means to encourage and inspire others.

Our staff from the national, regional, and provincial office will continuously monitor, assess and document activities, learnings and insights as inputs to a sustained production of publication of this nature. Kudos to everyone who have been part of this journey. In any which way, a big thank you.

**MYER G. MULA, Ph.D.**

Director  
Special Area for Agricultural Development Program  
Department of Agriculture







First of all, allow us in the Department of Agriculture - Northern Mindanao Region to send our hearts out to all farmers and fisherfolk in the country whose livelihood and day-to-day living are affected by the COVID-19 pandemic.

More than ever, we need to stay **STRONG** and **BRAVE**, especially that the entire country is counting on us to make sure everyone is food-secured while surviving this crisis.

This shall pass. We will #HealAsOne.

In this issue of SAADventures, we will be showcasing our successes in the implementation of the Special Area for Agricultural Development (SAAD) Program in Region 10.

While we are working on areas we have to improve, we are happy to unveil that the program was opportunely implemented, benefitting our priority farmers in the region.

In attaining our goal to serve the unserved farmers, we champion our close coordination and strategic partnership with the LGUs.

The LGUs are dynamically involved in the planning, procurement and evaluation of SAAD projects. More so, the program's interventions and assistance are identified

through LGUs' proposals and requests, best suiting their town's agricultural needs.

As a special program specifically designed to curb poverty incidence in the region, SAAD goes down the production chain helping the marginalized farmers by granting them projects tailored-fit to their capacity and their area.

Going the extra mile in achieving SAAD's mandate of alleviating poverty calls for consensus-driven movements. Truly, the goal of attaining agricultural progression is a shared responsibility between DA and the agency's stakeholders.

Moving onward, I challenge our partner LGUs in Region 10 for the timely delivery of agricultural services to our SAAD beneficiaries. I call on them to maximize their utilization of the granted SAAD fund and take full advantage of the program in serving our indigent farmers.

To our SAAD beneficiaries, consider the program a springboard for you to step on, then leap out of poverty. Strive to grow the projects entrusted to you. You are privileged to be chosen as SAAD recipient.

Let us work shoulder-to-shoulder and aim nothing less than the best!

**CARLENE C. COLLADO, CPA**

OIC-Regional Executive Director  
Department of Agriculture  
Regional Field Office 10





# WELCOME TO: "TILAPIA HATCHERY AND TILAPIA PRODUCTION PROJECT"

Funded by: BFAR - Region 10  
Thru: LGU Quezon, Bukidnon /  
Department of Agriculture

FRITZE HOMESITE FARM

Purok 9, Kibucian, Quezon, Bukidnon



It is my pleasure to present to you the SAADventures of the Bureau of Fisheries and Aquatic Resources Region 10, a publication that highlights the success stories of our fisherfolk, especially in the province of Bukidnon.

The implementation of the SAAD program of BFAR Region 10 started in Bukidnon in 2018, which is one of the provinces with high poverty incidence rate among families in the country at 32.1% in the same year.

Most of the 22 identified municipalities in the province are landlocked areas, the office only provided minimal interventions as regular programs focus mostly in the coastal areas. With the SAAD Program, we were able to provide alternative livelihood interventions to those fisherfolk who were not able to avail the regular program of BFAR.

For the past two years of its implementation, we are glad that they were able to sustain the livelihood given to them, and at the same time, they were able to establish marketing strategies to sell their products.

True to its mission, the SAAD Program was able to alleviate poverty in this marginalized sector, achieve sustainability, and increase fish production level and income, especially during the crisis brought about by COVID-19 pandemic.

With the untiring efforts and invaluable contributions from my SAAD staff, the LGUs, and the beneficiaries, I can say that all hard work paid off and we will continue to support our beneficiaries as one of our mandates. Daghang Salamat!

**TEODORO A. BACOLOD, JR.**

Regional Director  
Bureau of Fisheries and Aquatic Resources 10







As the country faces yet another historic battle with the COVID-19 pandemic, once again, our farmers and fisherfolks have proven that they are Philippines' true unsung heroes.

I salute all our food security front liners!

In Northern Mindanao one of our ways to honor our farmers in the region is through the implementation of the Special Area for Agricultural Development (SAAD) Program of DA.

Our implementation of SAAD is a chronicle in the making with 3 years track record. In 2017 we first implemented the program in our adopted province – Lanao del Sur. In 2018 the program was implemented in Bukidnon. The following year, in 2019, Lanao del Norte and Misamis Occidental were both included in the program. These provinces are those found having high prevalence of poor Filipino families.

Specific municipalities and barangays chosen as SAAD priority areas in region 10 are identified based on PSA's poverty incidence statistics where the poorest of the poor farmers resided.

For smooth implementation of the program we created the SAAD-10 Regional Program Management Support Office (RPMSO) headed by the Regional Executive Director – Director Collado.

Insofar, based on testimonies of our partner LGUs and the farmers themselves, SAAD projects implemented in our priority provinces indeed have brought significant change in the lives of our beneficiaries.

We basically implement livelihood projects under SAAD. Our goal is premised on a three-tiered key results of food security, livelihood and economic opportunities then poverty alleviation.

Our interventions are geared towards capacitating our marginalized farmers to engage in the whole value chain from production, processing and marketing of their own farm products.

Born of DA's all-inclusive ideology, SAAD attends to rural communities in the remote areas, remote barangays in Northern Mindanao barely reached by DA regular programs. With SAAD the agency was able to expand its service, attending to the unserved communities especially our IPs.

For us to sustain the projects, close monitoring and strengthened coordination with the LGUs are imperative. We wanted to ensure that even without our support later on, our beneficiaries will continue capitalizing on the projects to uplift their living condition.

Our biggest dream is to convert our adopted communities into a community of financially empowered and financially independent farmers. We wish our farmers will graduate from the norm of farming merely for consumption and progress into modern day, commercial farming.

DA-10 has so many success stories of locally funded programs helping farmer groups becoming a trademark in their place. I am confident we can do the same with SAAD.

We are work in progress. But with unwavering cooperation and goal-driven thinking and actions of all SAAD stakeholders, no doubt we can make a significant imprint in the lives of our poor farmers.

**CARLOTA S. MADRIAGA**

Regional Technical Director for Operations  
Department of Agriculture  
Region 10







SAAD is a special program of the Department of Agriculture helping marginalized farmers to rise out of poverty through the implementation of relevant agricultural interventions.

In the three provinces of Northern Mindanao – Bukidnon, Lanao del Norte and Misamis Occidental we have successfully implemented crops, livestock, poultry-related interventions and construction of drying facilities suited to the farmers' needs.

The program has a two-pronged goal of addressing malnutrition and poverty – two of the most common social problems in depressed areas in the country.

Primarily, the program aims to capacitate the farmer-beneficiaries to be self-sufficient by establishing their own food garden and animal farms where they can source safe and nutritious foods.

In Region 10 we implemented SAAD using a bottom-up approach by actively involving the farmers and the LGUs. This resulted in the stakeholders' responsiveness and enthusiasm, which, to us, are crucial for the program's sustainability.

We encourage the beneficiaries to group themselves into farmer associations. This enables them to consolidate and sell their farm products without the mediation of middlemen. Thus, allowing them to earn more than what they used to as old-school farmers.

As program implementer we expect our farmer-recipients to move away from the conventional notion of agriculture, thinking they farm only for consumption. We want them to think of farming as an enterprising activity. The goal is to make our farmers active players in the whole production chain.

After SAAD culminates in 2022 we hope to see our farmers to be economically empowered and become the catalysts to the reduction of poverty in their place.

As part of our plan to up scale the program, we will be introducing natural farming technology to our farmers. We will be teaching them how to make organic fertilizers making use of their household waste. We will help them construct a modified irrigation system for their home garden using collected rainwater.

Also, we will be linking our farmer-beneficiaries to the Rural Improvement Club and work closely with the Municipal Nutrition Office. Through SAAD we will teach them not just food production but food preparation as well, making their home food nutritiously palatable especially for their children.

We have been planning to hold the SAAD Saga, too. The activity will be an exposition of the beneficiaries' success stories. It will be a venue for sharing of good agricultural practices where our beneficiaries can clinic each other to improve their projects. We will invite prospect investors to the Saga. This will widen the beneficiaries' horizon in terms of their commercial undertaking.

We have so many plans to invigorate our SAAD program. We have gone far, but we will go even further to upturn the lives of our beneficiary farmers.

## AUDY G. MAAGAD

SAAD Focal Person  
Department of Agriculture  
Region 10







The SAAD Program's implementation is very timely considering the limited annual fund allocation to cover the entire region's fisherfolk-beneficiaries.

This program provides livelihood opportunities to the agriculture and fishery sectors, including upland farmers and fisherfolk. In Bukidnon for example, farmers who were previously relying on rice farming alone, are now venturing into the culture of Tilapia through Tilapia Culture in Pond and Aqua CPAR projects.

This program also involves the participation of women by providing them with post-harvest training, equipment, and facilities, which allow them to produce value-added products, such as Tilanggit and Lamayo. Processed Tilanggit costs at Php 1,000.00 per kilo while Lamayo is priced at Php 450.00 per kilo.

Aiming to increase fisheries production and thereby alleviate fisherfolk from poverty, the project was able to provide a surge in fish production to the beneficiaries with a total of 59,418.20 kilograms harvested in the province of Bukidnon alone as of July 2019.

It is indeed a pleasure and personal fulfillment to being able to partake in the implementation of the said program – more so to see a first-hand successful and empowered group of beneficiaries.

## **IBRAHIM R. SANGGOYOD**

SAAD Regional Focal Person  
Bureau of Fisheries and Aquatic Resources 10







The three-year locally funded Special Area for Agricultural Development (SAAD) Program started in 2018, with the Provincial Fisheries implementing various projects in the province of Bukidnon. Training on Tilapia Culture in Pond/ Aqua-CPAR Technology on Freshwater Fish Cage, establishments of Satellite Hatcheries, Tilanggit Processing, and Provision of Fishing Gear/Paraphernalia were among the interventions and assistance provided to the beneficiaries.

With these projects implemented in the province, we are proud to present the success of the Municipality of Quezon on Tilapia production in a pond and Tilanggit processing. It started with capacity building and then series of training for Tilapia Culture in Pond, Tilanggit Processing, Feed Formulation, Leadership Skills, Business/Financial Management, Entrepreneurial and Cooperativism, Packaging and Labelling, and Values Formation have been conducted to capacitate all 30 members prior to the delivery of farm inputs.

The association has been organized and named PICKISM Tilapia Growers Association, a duly registered association in the Department of Labor and Employment (DOLE). Faced with numerous challenges in the first year in the implementation process, still, the association was determined to overcome all of them. For 2018-2019, the association has been able to produce 2,983.75 kilos tilapia and 258 kilos tilanggit, totaling to Php 616,050.00 in production value. This made a huge difference in the lives of our fisherfolk-beneficiaries.

All the beneficiaries' expression of gratitude shows just how much the project has truly changed their way of living. This is more than enough inspiration for us to continue providing committed and quality service to all.

**ALFONSUS M. GONZAGA**

SAAD Provincial Focal Person







The poverty alleviation efforts of the government have had phenomenal and promising results, now with the implementation of the SAAD Program that allocates a generous amount for the improvement of the lives of our marginalized farmers and fisherfolk.

A significant number of our beneficiaries live in far-flung communities with limited available resources, proving it difficult to provide timely and easily-accessible services. Now, with the program allocating more than Php 15 million in 2018 and Php 12 million in 2019 for the entire province alone, not only has there been an exponential growth of the beneficiaries' livelihood, they are also now able to expand their production and increase their market capacity. It is indeed a promising business opportunity to beneficiaries, who once lived on a day-to-day basis.

We have not only lifted them out of poverty. We have also boosted their spirit and drive to earn more not just for themselves but for the betterment of their community.

Truly, it has been a heart-warming experience to see them grow over these years. Their lives once destitute of opportunities have now been granted with better prospects towards a brighter tomorrow.

**MARLOU N. FERNANDEZ**

Provincial Fishery Officer – Bukidnon





# HIGHLIGHTS OF **SAAD 10** PHYSICAL & FINANCIAL **ACCOMPLISHMENT**

We credit our accomplishments to DA-10 management. The program is on track due to the unwavering support coming from our executives. With their guidance and assistance, we were able to paddle our ways, overcoming every obstacles and challenges encountered in SAAD implementation.

Learning from our previous experiences, our strategies in attaining our financial and physical goals hinge on two principles: time-bounded procurement and close coordination with other divisions and operating units of DA-10.

SAAD is not a stand-alone project. Hence, we are grateful for being strongly supported by our Admin and Finance, Engineering, Field Operations and Planning and Monitoring Divisions. The Bids and Awards Committee is instrumental to the fast-tracking of our procurements, too.

Everything really boils down to proper handling of procurement obligations as this would translate to physical accomplishment – if we are late in obligating our procurements, then it would follow that our interventions delivery will be delayed.

We are always keen on our procurement activities. Despite the onset of COVID-19 pandemic, we see to it that our procurement did not stop. As of now, we are where we wanted to be in terms of our procurements.

As to physical deliveries, our solid coordination with SAAD LGUs is key. The LGUs are the movers of the program. The LGUs' level of commitment and participation spells our success. If they are highly participative in the ground, the projects will be properly implemented.

As we pace forward, we have to refocus our interventions to strengthen our farmer-beneficiaries' COVID-19 coping measures. In the coming years our livelihood interventions will be implemented specifically to help our farmers deal with and bounce back from the pandemic's adversities.

We have allotted at least Php 10 million SAAD funds to support DA's COVID-related action response activities. With this we aim to expand our project's coverage reaching other farmers in dire need of our assistance.





# HIGHLIGHTS OF **SAAD 10** PHYSICAL & FINANCIAL **ACCOMPLISHMENT**

Since the SAAD program has gained its ground having our individual farmers started to earn from their livelihood projects, starting this year we are in the “enterprising phase” of the program – we will help our beneficiaries to transition as an association of enterprising farmers.

Aside from the traditional agri-livelihood interventions, we will be granting them farm machineries and equipment for their usage in engaging into farm service businesses.

Part of the plan is financial literacy training for our farmers. This shall enable them to be financially adept in managing their projects.

In the long run, we hope to see SAAD successfully uplifted our farmers’ livelihood and ably contribute to poverty alleviation in Northern Mindanao.

To all our SAAD staff, let us continue to do well in serving our farmers. Let us intensify our efforts in implementing our future projects and closely monitor the previous ones.

We have been through highs and lows in the program implementation.

We have started to change the mindset of the people around us that SAAD is not all promise but a functional program with dedicated and self-driven individuals behind it.

Together, we can make change happen for our farmers!



**LANA MAY S. RACINES**

SAAD Head Secretariat  
Department of Agriculture  
Region 10





# BUKIDNON

Touching lives and meeting the aspirations of marginal farmers in our province is what we aim for.

The implementation of SAAD here in Bukidnon started way back in 2018 with 13 municipalities having the highest poverty incidence covered by the program. Two years after the implementation, we now have expanded to two municipalities, Lantapan and Sumilao.

For a long time, some of our marginalized farmers have not received any assistance from the Department of Agriculture and then the Special Area for Agriculture Development (SAAD) came to our aid. The project has reached beneficiaries in remote areas and gave interventions that are suitable for their community. It was agreed that per municipality, the project will cover 2 barangays with 25 beneficiaries each.

Today our farmers are now members of registered cooperatives to which they established during the initial implementation of the project.

The projects implemented were the result of consultations conducted with the beneficiaries on what are their felt needs that could help them in their daily farming activities and irreversibly pull them from poverty thereby increasing their income and improving their standard of living.



The greatest problem we encountered is the acquisition of the Right of Way (ROW) to implement infrastructure projects coupled with some unique dynamics of some LGUs who just want to ensure the sustainability of the project. We can't do otherwise but encourage them to fast track all activities for the projects to be implemented.

Involving the community and all stakeholders in the planning stage of the project, social preparation, project proposal preparation and review, timely procurement, distribution, and project sustainability is for me the key to a successful implementation.

There is still a lot in store for our beneficiaries here in Bukidnon especially those municipalities we have just included in the project. We are looking forward to the fast-tracking of our interventions and for the upcoming turn-overs of our Multi-Crop Drying Pavement (MCDP) with a shed on the nine selected municipalities.

For the last two years of this special project, we will be looking out for other possible interventions we can give to the beneficiaries. Our goal is to ensure that all the beneficiaries' agriculture needs and concerns are sufficed by the program. Lastly, we'll see to it all the interventions are geared towards sustainable agricultural development in Bukidnon.

It means touching the lives and meeting the aspirations of marginal farmers who for a long time have not received any assistance from the Department of Agriculture.



**ENGR. DELIZA T. CAMARO**

Agricultural Center Chief  
APCO Bukidnon





# BUKIDNON

## PROVINCIAL PROFILE

### PHYSICAL PROFILE

The Province of Bukidnon rests high above sea level at 915 meters (3,002 ft). The province is mainly an extensive plateau located at the center of Mindanao in Southern Philippines. It is bounded on the North by Cagayan de Oro, on the South by North Cotabato and Davao City, on the East by Agusan del Sur and Davao del Norte, and Lanao del Norte and Lanao del Sur on West.

The 2015 Census of Population (POPCEN) revealed that the province has a total population of 1,415,226 individuals or 1,406,764 households. It is subdivided into 4 legislative districts comprising 2 component cities, 20 municipalities and 464 barangays.

It has a total land area of 1,049,859 hectares with 322,804 hectares of farms by land use. Bukidnon is the largest province in Mindanao in terms of land area, covering 59% of Region 10. At least 38% of the province's land area is alienable and disposable. The rest is classified timberland. The province is relatively cool and moist all throughout the year. Owing to its elevation, Bukidnon is a storm-free province.



## POVERTY SITUATION

Based on PSA 2018, the prevailing annual per capita poverty threshold in Bukidnon is at Php 25,624.00. The province registered a decrease in poverty incidence among families from 54.0% in 2015 to 22.3% in 2018.

Significantly, SAAD intervention in the Province of Bukidnon started way back in 2018. With relevant agricultural assistance implemented in 13 SAAD priority municipalities of the province namely; Baungon, Talakag, Malitbog, San Fernando, Kalilangan, Pangantucan, Damulog, Kibawe, Kadingilan, Cabanglasan, Impasug-ong, Kitaotao and Quezon.

In terms of the poverty incidence situation in Bukidnon, the municipality of Malitbog at 65.7% has the highest poverty incidence while the city of Valencia at 31.4% has the lowest.

## AGRICULTURE PROFILE

Bukidnon, dubbed as the “Food Basket of Northern Mindanao”, is the leading producer and supplier of fresh fruits and vegetables in the region. These produce are either sold in domestic markets or exported to neighboring Asian countries. Having the biggest agricultural area with soils and climate highly suited to agriculture, Bukidnon's economy is generally agriculture-based, fueled by livestock and highland tropical crops production. The province also hosts the country's top manufacturers of food and food products and large livestock farms. Mining and resource-based handicrafts are active industries in the province, too.

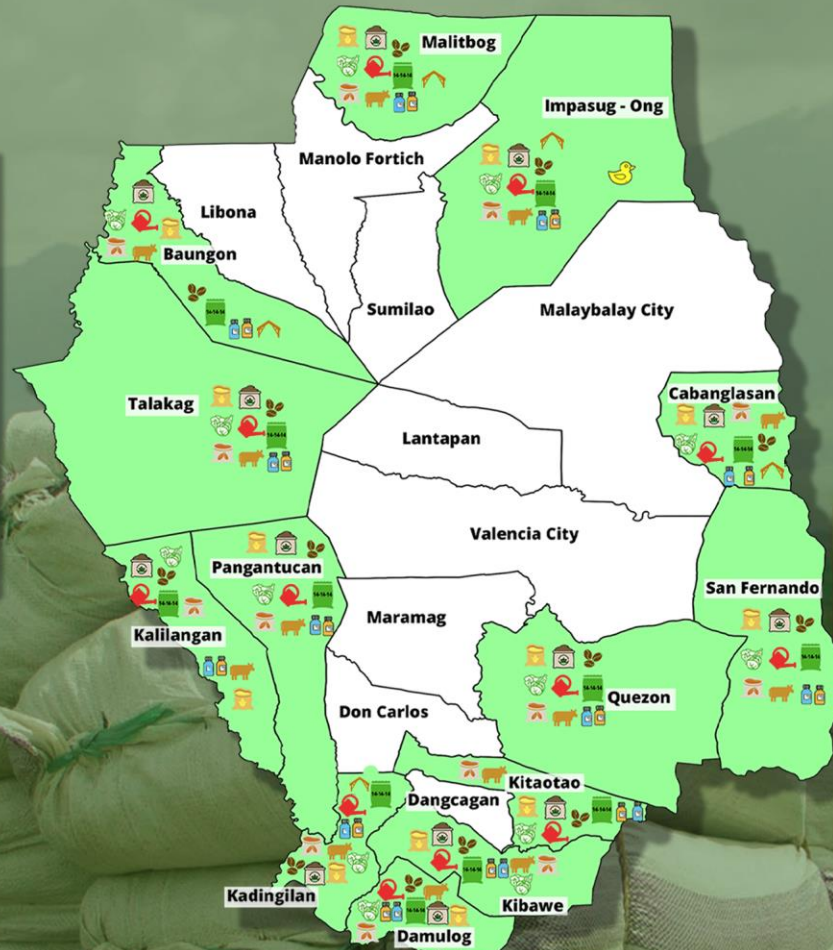








# bukidnon

## DA-SAAD BUKIDNON Map of Interventions

### 2018

-  HYBRID CORN SEEDS
-  OPV VEGETABLE SEEDS IN VALUE PACK
-  VERMICAST (ORGANIC FERTILIZER)
-  VARIOUS GARDEN TOOLS
-  COFFEE ARABICA GOOD SEEDLINGS
-  COMPLETE FERTILIZER (14-14-14)



-  CACAO GOOD SEEDLINGS
-  CATTLE
-  ANTIBACTERIAL DRUGS & BIOLOGICS
-  OXYTETRACYCLINE (DRUGS & BIOLOGICS)
-  MCDP WITH SHED
-  ITIK PINAS PROJECT



## AGRICULTURE SECTOR

In 2018, the Department of Agriculture in Region 10 started to implement the SAAD Program in the province. It has a total budget allocation of **Php 39.8 million** benefitting **725 individual farmers** coming from the 13 poorest municipalities which are selected due to the highest poverty incidence.

In Table 1 is the list of integrated projects implemented in the province.





Table 1. Projects Implemented in BUKIDNON (2018)

PROJECT TITLE	LOCATION (BARANGAY)	FARMERS ASSOCIATIONS	NUMBER OF BENEFICIARIES (INDIVIDUALS)	FINANCIAL ALLOCATION (Php)
<b>FY 2018</b>				
<b>BAUNGON</b>				
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT	Liboran		27	3,889,867.78
	Imbatug		27	
<b>SUBTOTAL</b>			<b>54</b>	<b>3,889,867.78</b>
<b>CABANGLASAN</b>				
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT	Mandahican		27	3,952,531.85
	Poblacion		27	
<b>SUBTOTAL</b>			<b>54</b>	<b>3,952,531.85</b>
<b>DAMULOG</b>				
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT	Migkawayan		27	3,849,823.61
	Old Damulog		27	
<b>SUBTOTAL</b>			<b>54</b>	<b>3,849,823.61</b>
<b>IMPASUGONG</b>				
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT	Kalabugao		27	6,225,878.08
	Hagpa		27	
ITIK PINAS PROJECT	Kalabugao		38	
	Hagpa		37	
<b>SUBTOTAL</b>			<b>129</b>	<b>6,225,878.08</b>

<b>KALILANGAN</b>				
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT	Kibogtok		27	4,182,806.50
	Salvacion		27	
<b>SUBTOTAL</b>			<b>54</b>	<b>4,182,806.50</b>
<b>KALILANGAN</b>				
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT	Bangbang		27	3,382,508.50
	Kinura		27	
<b>SUBTOTAL</b>			<b>54</b>	<b>3,382,508.50</b>
<b>KIBAWÉ</b>				
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT	Spring		27	3,352,608.00
	New Kidapawan		27	
<b>SUBTOTAL</b>			<b>54</b>	<b>3,352,608.00</b>
<b>KITAOTAO</b>				
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT	San Isidro		27	3,939,021.70
	Kimolong		26	
<b>SUBTOTAL</b>			<b>53</b>	<b>3,939,021.70</b>
<b>MALITBOG</b>				
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT	San Luis		27	4,315,156.70
	Silo-o		27	
<b>SUBTOTAL</b>			<b>54</b>	<b>4,315,156.70</b>
<b>PANGANTUCAN</b>				
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT	Kidanggin		27	4,260,307.00
	Gandingan		27	
<b>SUBTOTAL</b>			<b>54</b>	<b>4,260,307.00</b>





cont. Table 1. Projects Implemented in BUKIDNON (2018)

QUEZON				
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT	Dumalama		27	4,189,021.70
	Magsaysay		27	
SUBTOTAL			54	4,189,021.70
SAN FERNANDO				
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT	Tugop		27	4,529,081.58
	Nakabuklad		27	
SUBTOTAL			54	4,529,081.58
TALAKAG				
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT	Basak		28	3,891,387.00
	Lingi-on		27	
SUBTOTAL			55	3,891,387.00
GRAND TOTAL			777	53,960,000.00





# FISHERY PROFILE

From the data released by PSA in 2019, the fisheries in the province is composed of two subsectors, which are Aquaculture and Inland Municipal Fisheries. In 2019, the total volume of fish production was estimated at 3.3 metric tons.

The top five species produced in the province were tilapia, common carp, freshwater prawn, mudfish, and catfish. Tilapia topped the production in both Aquaculture and Inland Municipal Fisheries subsectors.

*Table 2. Major Fishery Commodities*

FISHERIES SECTOR	SPECIES	ANNUAL PRODUCTION (MT) *PSA Data CY 2019
AQUACULTURE	Tilapia	409.32
	Mudfish	64.97
	Catfish	23.39
	Carp	0.06
	Others	0.01
	<b>SUBTOTAL</b>	<b>497.75</b>
INLAND MUNICIPAL FISHERIES	Tilapia	1,335.00
	Carp	738.77
	Giant Freshwater Prawn (Ulang)	224.68
	Freshwater Shrimp	209.84
	Mudfish	189.29
	Catfish	92.85
	Eel	15.22
	Mullet	0.07
	Others	31.87
	<b>SUBTOTAL</b>	<b>2,837.59</b>

*Table 3. Inventory of Aquaculture Farms and Capture Fisheries*

AQUACULTURE FARM	INVENTORY	AVERAGE YIELD
FRESHWATER FISH CAGE	1,200 m <sup>3</sup> / 12 fish cages	1,300 kg / cropping
FRESHWATER FISH PONDS	17.4 hectares / 580 operators	226.33 kg / cropping
INLAND CAPTURE FISHERIES	5,415 hectares	
MUNICIPAL FISHING BOATS	310 units	



# bukidnon

## BFAR-SAAD BUKIDNON

Map of Interventions

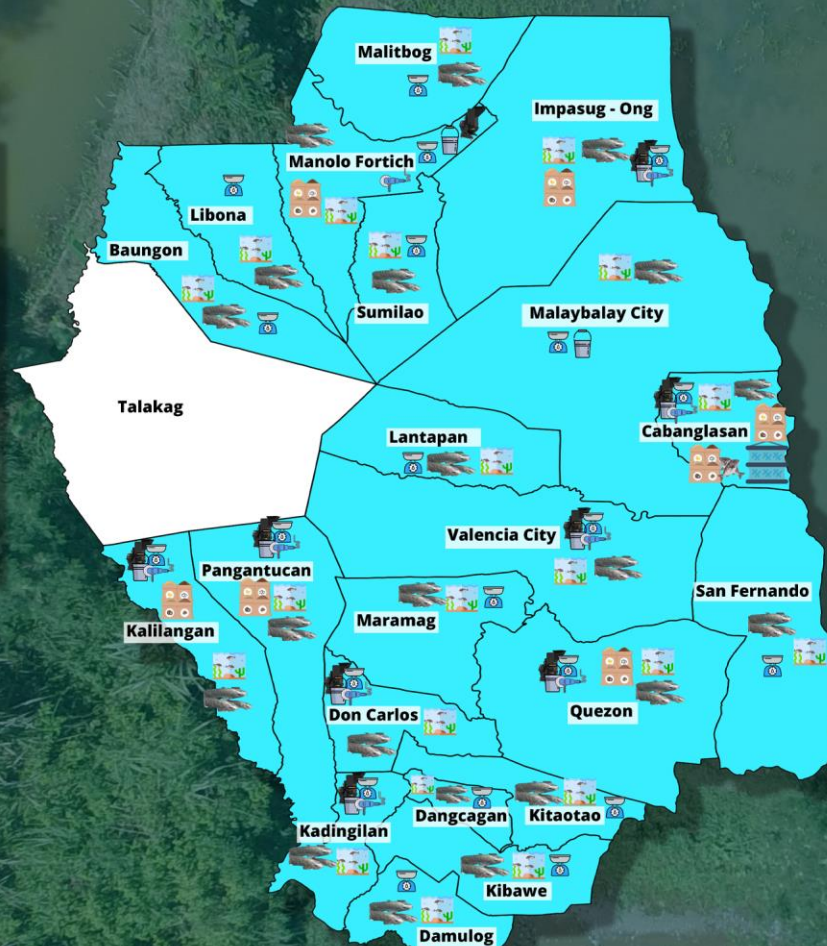
### 2018 - 2019

 TILAPIA CULTURE IN POND

 FINGERLINGS, AGRICULTURAL SUPPLIES

 AQUA CPAR TECHNOLOGY

 ESTABLISHMENT OF FISH CAGE



 ESTABLISHMENT OF TILAPIA SATELLITE HATCHERY

 WEIGHING SCALE

 PAIL

 PELLETIZER

 GRINDER





## FISHERY SECTOR

Prior to the implementation of SAAD Program in Bukidnon, a consultative meeting with the Local Government Units (LGUs) and other partners represented by the Agricultural Technicians/Fisheries Designates, was conducted to inform them of the SAAD Program's objectives. The identified LGUs then submitted recommended lists of beneficiaries.

The program benefitted a total of **580 individual beneficiaries** and **7 group beneficiaries** from the 20 municipalities and two cities of the province. An amount of **Php 15 million** was allotted in **2018**, **Php 13 million** in **2019**, and **Php 10 million** in **2020**.

Table 4 presents the list of SAAD projects implemented in the province from 2018 to 2019.





Table 4. BFAR-SAAD Implemented Projects from 2018 - 2019

PROJECT	LOCATION	TOTAL NUMBER OF BENEFICIARIES (INDIVIDUAL)	FINANCIAL ALLOCATION (Php)
<b>FY 2018</b>			
<b>BAUNGON</b>			
TILAPIA CULTURE IN POND	Brgys. Kalilangan, Langaon, Imbatug		
FINGERLINGS, AGRICULTURAL SUPPLIES		22	140,382.00
VALUES FORMATION SEMINAR		30	8,100.00
TRAINING ON TILAPIA CULTURE IN POND		30	8,100.00
TRAINING ON TILAPIA <i>TILANGGIT</i> PRODUCTION, FISH HANDLING AND GAqP		30	8,100.00
<b>SUBTOTAL</b>		<b>112</b>	<b>164,682.00</b>
<b>LIBONA</b>			
TILAPIA CULTURE IN POND	Brgys. Poblacion, Nangka, Kinawe, Laturan, Capihan, Sil ipon, Crossing, San Jose, Kiliug,		

FINGERLINGS, AGRICULTURAL SUPPLIES		26	165,906.00
VALUES FORMATION SEMINAR		30	8,100.00
TRAINING ON TILAPIA CULTURE IN POND		30	8,100.00
TRAINING ON TILAPIA <i>TILANGGIT</i> PRODUCTION, FISH HANDLING AND GAqP		30	8,100.00
<b>SUBTOTAL</b>		<b>116</b>	<b>190,206.00</b>
<b>MALITBOG</b>			
TILAPIA CULTURE IN POND	Brgys. Siloo, San Luis, Kiabo, Patpat, Omagling, Mindagat		
TILAPIA FINGERLINGS AND AGRICULTURAL SUPPLIES		26	165,906.00
VALUES FORMATION SEMINAR		30	8,100.00
TRAINING ON TILAPIA CULTURE IN POND		30	8,100.00
TRAINING: ON TILAPIA <i>TILANGGIT</i> PRODUCTION, FISH HANDLING AND GAqP		30	8,100.00
<b>SUBTOTAL</b>		<b>116</b>	<b>190,206.00</b>
<b>MANOLO FORTICH</b>			
TILAPIA CULTURE IN POND	Brgys. Dahilayan, San Miguel, Maluko, Agusan Canyon, Lindaban, Mampayag		





# SAAD

cont. Table 4. BFAR-SAAD Implemented Projects from 2018 - 2019

TILAPIA FINGERLINGS AND AGRICULTURAL SUPPLIES		26	165,906.00
AQUA CPAR TECHNOLOGY	Brgys. Dahilayan, Maluko, San Miguel, Agusan Canyon, Lindaban, Sankan		
TILAPIA FINGERLINGS AND AGRICULTURAL SUPPLIES		20	193,620.00
VALUES FORMATION SEMINAR		30	8,100.00
TRAINING ON TILAPIA CULTURE IN POND		30	8,100.00
TRAINING: TILAPIA TILANGGIT PRODUCTION, FISH HANDLING AND GAqP		30	8,100.00
TILANGGIT PROCESSING SUPPLIES AND MATERIALS		1	39,740.25
<b>SUBTOTAL</b>		<b>137</b>	<b>423,566.25</b>
<b>SUMILAO</b>			
TILAPIA CULTURE IN POND	Brgys. Puntian, Vista Villa, Kisolon, Poblacion, Occasion, San Roque		
TILAPIA FINGERLINGS AND AGRICULTURAL SUPPLIES		26	165,906.00
VALUES FORMATION SEMINAR		30	8,100.00

TRAINING:TILAPIA CULTURE IN POND		30	8,100.00
TRAINING:TILAPIA TILANGGIT PRODUCTION, FISH HANDLING AND GAqP		30	8,100.00
<b>SUBTOTAL</b>		<b>116</b>	<b>190,206.00</b>
<b>MALAYBALAY</b>			
TILAPIA CULTURE IN POND	Brgys Patpat and Apo Macote		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		10	63,810.00
AQUA CPAR TECHNOLOGY	Brgy. Zamboangita, St. Peter, Kulaman, Caburacanan, and Silae		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		20	193,620.00
VALUES FORMATION SEMINAR		30	8,100.00
TRAINING ON TILAPIA CULTURE IN POND		30	8,100.00
TRAINING ON TILAPIA TILANGGIT PRODUCTION, FISH HANDLING AND GAqP		30	8,100.00
<b>SUBTOTAL</b>		<b>120</b>	<b>281,730.00</b>
<b>CABANGSALAN</b>			
TILAPIA CULTURE IN POND	Brgys. Cananga-an, Mandahican, Cabuluhan, Mauswagon, Poblacion and Tingcaan		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		10	63,810.00





cont. Table 4. BFAR-SAAD Implemented Projects from 2018 - 2019

AQUA CPAR TECHNOLOGY	Brgys. Poblacion, Tingcan and Tagiptip		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		20	193,620.00
VALUES FORMATION SEMINAR		30	8,100.00
TRAINING ON TILAPIA CULTURE IN POND		30	8,100.00
TRAINING ON TILAPIA TILANGGIT PRODUCTION, FISH HANDLING AND GAQP		30	8,100.00
ESTABLISHMENT OF FISH CAGE		1	286,810.00
ESTABLISHMENT OF TILAPIA SATELLITE HATCHERY		1	84,361.00
<b>SUBTOTAL</b>		<b>122</b>	<b>652,901.00</b>
<b>IMPASUG ONG</b>			
TILAPIA CULTURE IN POND	Brgys. La Fortuna, Guihean, Sayawan, Dumalaguing		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		10	63,810.00
AQUA CPAR TECHNOLOGY	Brgys. Hagpa and Kalabugao		

TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		20	193,620.00
VALUES FORMATION SEMINAR		30	8,100.00
TRAINING: TILAPIA CULTURE IN POND		30	8,100.00
TRAINING: TILAPIA TILANGGIT PRODUCTION, FISH HANDLING AND GAQP		30	8,100.00
<b>SUBTOTAL</b>		<b>120</b>	<b>281,730.00</b>
<b>LANTAPAN</b>			
TILAPIA CULTURE IN POND	Kulasihan, Alanib, Balila, Bugcaon, Kaatuan, Victory, Basac, Kibangay, Cawayan, Alanib		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		20	127,620.00
VALUES FORMATION SEMINAR		30	8,100.00
TRAINING: TILAPIA CULTURE IN POND		30	8,100.00
TRAINING: TILAPIA TILANGGIT PRODUCTION, FISH HANDLING AND GAQP		30	8,100.00
<b>SUBTOTAL</b>		<b>110</b>	<b>151,920.00</b>
<b>SAN FERNANDO</b>			
TILAPIA CULTURE IN POND	Candelaria, Halapitan, Cayaga, Magkalungay, Sto. Domingo		
TILAPIA FINGERLINGS AND AGRICULTURAL SUPPLIES		26	165,906.00





cont. Table 4. BFAR-SAAD Implemented Projects from 2018 - 2019

VALUES FORMATION SEMINAR		30	8,100.00
TRAINING ON TILAPIA CULTURE IN POND		30	8,100.00
TRAINING ON TILAPIA TILANGGIT PRODUCTION, FISH HANDLING AND GAqP		30	8,100.00
<b>SUBTOTAL</b>		<b>116</b>	<b>190,206.00</b>
<b>DAMULOG</b>			
TILAPIA CULTURE IN POND	Brgys. Anggan, Macapari, Lagasan, Sampagar,		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		10	63,810
VALUES FORMATION SEMINAR		30	8,100.00
TRAINING: TILAPIA CULTURE IN POND		30	8,100.00
TRAINING: TILAPIA TILANGGIT PRODUCTION, FISH HANDLING AND GAqP		30	8,100.00
<b>SUBTOTAL</b>		<b>100</b>	<b>88,110.00</b>
<b>DANGCAGAN</b>			
TILAPIA CULTURE IN POND	Miaray, Migcuya, Osmena, Poblacion, Kianggat, Bugwak, Dolorosa		

TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		15	95,715.00
VALUES FORMATION SEMINAR		30	8,100.00
TRAINING: TILAPIA CULTURE IN POND		30	8,100.00
TRAINING: TILAPIA TILANGGIT PRODUCTION, FISH HANDLING AND GAqP		30	8,100.00
<b>SUBTOTAL</b>		<b>105</b>	<b>120,015.00</b>
<b>DON CARLOS</b>			
TILAPIA CULTURE IN POND	Brgys. Bizmartz, Kasigkot, Maraymaray, Kibatang, Kiara, San Roque, San Antonio East		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		10	63,810.00
AQUA CPAR TECHNOLOGY	Brgys. Bismartz, Bocboc, Kasigkot, Kawilihan, Sinangguyan, Kiara, Old Nongnongan, Mahayahay, Kawilihan, Norte, San Francisco		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		20	193,620.00
VALUES FORMATION SEMINAR		30	8,100.00
TRAINING: TILAPIA CULTURE IN POND		30	8,100.00





cont. Table 4. BFAR-SAAD Implemented Projects from 2018 - 2019

TRAINING: TILAPIA TILANGGIT PRODUCTION, FISH HANDLING AND GAqP		30	8,100.00
<b>SUBTOTAL</b>		<b>120</b>	<b>281,730.00</b>
<b>KADINGILAN</b>			
TILAPIA CULTURE IN POND	Brgys. Sebonga, Pay-as, Bagor, Malinao, Husayan, Cabadiangan		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		10	63,810.00
AQUA CPAR TECHNOLOGY	Brgys. Pinamang- guhan, Balaoro, Mabuhay, Bagong Bayan		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		20	193,620.00
VALUES FORMATION SEMINAR		30	8,100.00
TRAINING: TILAPIA CULTURE IN POND		30	8,100.00
TRAINING: TILAPIA TILANGGIT PRODUCTION, FISH HANDLING AND GAqP		30	8,100.00
ESTABLISHMENT OF FISH CAGE	Brgy. Pinamang- guhan	1	286,810.00

ESTABLISHMENT OF TILAPIA SATELLITE HATCHERY	Brgy. Pinamang- guhan	1	84,361.00
<b>SUBTOTAL</b>		<b>122</b>	<b>652,901.00</b>
<b>KIBAWÉ</b>			
TILAPIA CULTURE IN POND	Brgys. Old, Natulongan, Romagook, Labuagon, Talahiron, Gutapol		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		15	95,715.00
VALUES FORMATION SEMINAR		30	8,100.00
TRAINING: TILAPIA CULTURE IN POND		30	8,100.00
TRAINING: TILAPIA TILANGGIT PRODUCTION, FISH HANDLING AND GAqP		30	8,100.00
<b>SUBTOTAL</b>		<b>105</b>	<b>120,015.00</b>
<b>KITAO-KITAO</b>			
TILAPIA CULTURE IN POND	Brgys. Tawas, Lorega, Poblacion Magsaysay, San Isidro, Kitaihon, Bolocaon, Poblacion, Lorega		
TILAPIA FINGERLINGS AND AGRICULTURAL SUPPLIES		26	165,906.00
VALUES FORMATION SEMINAR		30	8,100.00
TRAINING ON TILAPIA CULTURE IN POND		30	8,100.00





cont. Table 4. BFAR-SAAD Implemented Projects from 2018 - 2019

TRAINING ON TILAPIA TILANGGIT PRODUCTION, FISH HANDLING AND GAQP		30	8,100.00
<b>SUBTOTAL</b>		<b>116</b>	<b>190,206.00</b>
<b>KALILANGAN</b>			
TILAPIA CULTURE IN POND	Brgys. Lampanusan, Macaopao, Malinao, Pamotolon, Aquino		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		10	63,810.00
AQUA CPAR TECHNOLOGY	Brgys. Kinura, Aquino, Malinao, Don Jose, Lampanusan, Pamotolon, Macaopao, Canituan		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		20	193,620.00
VALUES FORMATION SEMINAR		30	8,100.00
TRAINING: TILAPIA CULTURE IN POND		30	8,100.00
TRAINING: TILAPIA TILANGGIT PRODUCTION, FISH HANDLING AND GAQP		30	8,100.00
<b>SUBTOTAL</b>		<b>120</b>	<b>281,730.00</b>

<b>PANGANTUCAN</b>			
TILAPIA CULTURE IN POND	Brgys. Barandias, Nabaliwa, Kipaducan, Bacusanon, Malipayon, Kimanait, Madayot, Bacusanon, Payad, Poblacion		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		10	63,810.00
AQUA CPAR TECHNOLOGY	Brgys. Poblacion and Aduyon		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		20	193,620.00
VALUES FORMATION SEMINAR		30	8,100.00
TRAINING: TILAPIA CULTURE IN POND		30	8,100.00
TRAINING: TILAPIA TILANGGIT PRODUCTION, FISH HANDLING AND GAQP		30	8,100.00
ESTABLISHMENT OF FISH CAGE		1	286,810.00
ESTABLISHMENT OF TILAPIA SATELLITE HATCHERY		1	84,361.00
<b>SUBTOTAL</b>		<b>122</b>	<b>652,901.00</b>
<b>QUEZON</b>			
TILAPIA CULTURE IN POND	Brgys. Sta. Cruz, Pinilayan and Cebole		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		10	63,810.00





cont. Table 4. BFAR-SAAD Implemented Projects from 2018 - 2019

AQUA CPAR TECHNOLOGY	Brgys. Sta. Cruz, Kiburiao and Cebole		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		20	193,620.00
VALUES FORMATION SEMINAR		30	8,100.00
TRAINING: TILAPIA CULTURE IN POND		30	8,100.00
TRAINING: TILAPIA TILANGGIT PRODUCTION, FISH HANDLING AND GAqP		30	8,100.00
BOTTOM SET GILL NETS		70	368,812.50
HOOK AND LINE		70	28,700.00
FRP BOAT (14FT)		70	1,117,550.70
<b>SUBTOTAL</b>		<b>330</b>	<b>1,796,793.20</b>
<b>VALENCIA</b>			
TILAPIA CULTURE IN POND	Brgys. Colonia, Lilingayon, Lumbayao, Banlag, Dagatkdavao, Catumbalon, Pinatilan, Mt. Nebo		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		10	63,810.00

AQUA CPAR TECHNOLOGY	Brgys. Laligan, Pinatilan, Catumbalon, Colonia, Maapag Guinoyoran, Mt. Nebo, Dagatkdavao, Nabag o		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		20	193,620.00
VALUES FORMATION SEMINAR		30	8,100.00
TRAINING: TILAPIA CULTURE IN POND		30	8,100.00
TRAINING: TILAPIA TILANGGIT PRODUCTION, FISH HANDLING AND GAqP		30	8,100.00
ESTABLISHMENT OF TILAPIA SATELLITE HATCHERY		1	84,361.00
<b>SUBTOTAL</b>		<b>121</b>	<b>366,091.00</b>
<b>TOTAL BUDGET</b>		<b>2546</b>	<b>7,267,845.45</b>
<b>FY 2019</b>			
<b>BAUNGON</b>			
TILAPIA CULTURE IN POND	Brgys. Kalilangan, Langaon, Imbatug		
FINGERLINGS, AGRICULTURAL SUPPLIES		22	157,982.00
WEIGHING SCALE			800.00
PRODUCT MARKETING AND ENHANCEMENT SKILLS TRAINING		2	540.00





# SAAD

cont. Table 4. BFAR-SAAD Implemented Projects from 2018 - 2019

SAAD LEADERSHIP SKILLS TRAINING		3	810.00
SAAD BUSINESS FINANCIAL MGMT SKILLS TRAINING		4	1,080.00
ENTREPRENEURIAL AND COOPERATIVISM SEMINAR		4	1,080.00
<b>SUBTOTAL</b>		<b>35</b>	<b>162,292.00</b>
<b>LIBONA</b>			
TILAPIA CULTURE IN POND	Brgys. Poblacion, Nangka, Kinawe, Laturan, Capihan, Sil ipon, Crossing, San Jose, Kiliug,		
FINGERLINGS, AGRICULTURAL SUPPLIES		26	186,706.00
WEIGHING SCALE		1	800.00
PRODUCT MARKETING AND ENHANCEMENT SKILLS TRAINING		2	540.00
SAAD LEADERSHIP SKILLS TRAINING		3	810.00
SAAD BUSINESS FINANCIAL MGMT SKILLS TRAINING		4	1,080.00

ENTREPRENEURIAL AND COOPERATIVISM SEMINAR		4	1,080.00
<b>SUBTOTAL</b>		<b>40</b>	<b>191,016.00</b>
<b>MALITBOG</b>			
TILAPIA CULTURE IN POND	Brgys. Siloo, San Luis, Kiabo, Patpat, Omagling, Mindagat		
FINGERLINGS, AGRICULTURAL SUPPLIES		26	186,706.00
WEIGHING SCALE		1	800.00
PRODUCT MARKETING AND ENHANCEMENT SKILLS TRAINING		2	540.00
SAAD LEADERSHIP SKILLS TRAINING		3	810.00
SAAD BUSINESS FINANCIAL MGMT SKILLS TRAINING		4	1,080.00
ENTREPRENEURIAL AND COOPERATIVISM SEMINAR		4	1,080.00
<b>SUBTOTAL</b>		<b>40</b>	<b>191,016.00</b>
<b>MANOLO FORTICH</b>			
TILAPIA CULTURE IN POND	Brgys. Dahilayan, San Miguel, Maluko, Agusan Canyon, Lindaban, Mampayag		
TILAPIA FINGERLINGS AND AGRICULTURAL SUPPLIES		26	186,706.00
AQUA CPAR TECHNOLOGY	Brgys. Dahilayan, Maluko, San Miguel, Agusan Canyon, Lindaban, Sankan		





# SAAD

cont. Table 4. BFAR-SAAD Implemented Projects from 2018 - 2019

TILAPIA FINGERLINGS AND AGRICULTURAL SUPPLIES		20	222,620.00
WEIGHING SCALE		1	800.00
PAIL		1	650.00
LABOR AND MATERIALS FOR CONSTRUCTION OF FEED FORMULATION SHEED	Brgy. Dicklum, Manolo Fortich	1	81,755.00
LABOR AND MATERIALS FOR CONSTRUCTION OF PROCESSING SHED	Brgy. Dicklum, Manolo Fortich	1	150,000.00
TILANGGIT PROCESSING SUPPLIES AND MATERIALS		1	36,873.00
1 UNIT PELLETIZER		1	41,250.00
1 UNIT GRINDER		1	38,500.00
PRODUCT MARKETING AND ENHANCEMENT SKILLS TRAINING		2	540.00
SAAD LEADERSHIP SKILLS TRAINING		3	810.00
SAAD BUSINESS FINANCIAL MGMT SKILLS TRAINING		4	1,080.00
ENTREPRENEURIAL AND COOPERATIVISM SEMINAR		4	1,080.00
<b>SUBTOTAL</b>		<b>66</b>	<b>762,664.00</b>

SUMILAO			
TILAPIA CULTURE IN POND			
FINGERLINGS, AGRICULTURAL SUPPLIES		26	186,706.00
WEIGHING SCALE		1	800.00
PRODUCT MARKETING AND ENHANCEMENT SKILLS TRAINING		2	540.00
SAAD LEADERSHIP SKILLS TRAINING		3	810.00
SAAD BUSINESS FINANCIAL MNG'T SKILLS TRAINING		4	1,080.00
ENTREPRENEURIAL AND COOPERATIVISM SEMINAR		4	1,080.00
<b>SUBTOTAL</b>		<b>40</b>	<b>191,016.00</b>
MALAYBALAY			
TILAPIA CULTURE IN POND	Brgys. Patpat and Apo Macote		
FINGERLINGS, AGRICULTURAL SUPPLIES		10	71,810.00
AQUA CPAR TECHNOLOGY	Brgy. Zamboangita, St. Peter, Kulaman, Caburacanan and Silae		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		20	222,620.00
2,000 G.CAP WEIGHING SCALE		1	800.00
20L.CAP PAIL		1	350.00





cont. Table 4. BFAR-SAAD Implemented Projects from 2018 - 2019

LABOR AND MATERIALS FOR CONSTRUCTION OF FEED FORMULATION SHEED		1	81,755.00
LABOR AND MATERIALS FOR CONSTRUCTION OF PROCESSING SHED		1	150,000.00
1 UNIT PELLETIZER		1	41,250.00
1 UNIT GRINDER		1	38,500.00
PRODUCT MARKETING AND ENHANCEMENT SKILLS TRAINING		2	540.00
SAAD LEADERSHIP SKILLS TRAINING		3	810.00
SAAD BUSINESS FINANCIAL MGMT SKILLS TRAINING		4	1,080.00
ENTREPRENEURIAL AND COOPERATIVISM SEMINAR		4	1,080.00
<b>SUBTOTAL</b>		<b>49</b>	<b>610,595.00</b>
<b>CABANGLASAN</b>			
TILAPIA CULTURE IN POND	Brgys. Cananga-an, Mandahican, Cabuluhan, Mauswagon, Poblacion and Tingcaan		

FINGERLINGS, AGRICULTURAL SUPPLIES		10	71,810.00
AQUA CPAR TECHNOLOGY	Brgys. Poblacion, Tingcaan and Tagiptip		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		20	222,620.00
WEIGHING SCALE		1	800.00
20 LITERS CAP. PAIL		1	350.00
LABOR AND MATERIALS FOR CONSTRUCTION OF FEED FORMULATION SHED		1	81,755.00
LABOR AND MATERIALS FOR CONSTRUCTION OF PROCESSING SHED		1	150,000.00
LABOR AND MATERIALS FOR CONSTRUCTION OF FISH LANDING SHED		1	81,755.00
1 UNIT PELLETIZER		1	41,250.00
1 UNIT GRINDER		1	38,500.00
PRODUCT MARKETING AND ENHANCEMENT SKILLS TRAINING		2	540.00
SAAD LEADERSHIP SKILLS TRAINING		3	810.00
SAAD BUSINESS FINANCIAL MGMT SKILLS TRAINING		4	1,080.00
ENTREPRENEURIAL AND COOPERATIVISM SEMINAR		4	1,080.00
<b>SUBTOTAL</b>		<b>50</b>	<b>692,350.00</b>





# SAAD

cont. Table 4. BFAR-SAAD Implemented Projects from 2018 - 2019

IMPASUG ONG			
TILAPIA CULTURE IN POND	Brgys. La Fortuna, Guihean, Sayawan, Dumalaguig		
FINGERLINGS, AGRICULTURAL SUPPLIES		10	71,810.00
AQUA CPAR TECHNOLOGY	Brgys. Hagpa and Kalabugao		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		20	222,620.00
WEIGHING SCALE		1	800.00
20LITERS CAP. PAIL		1	350.00
LABOR AND MATERIALS FOR CONSTRUCTION OF FEED FORMULATION SHEED		1	81,755.00
LABOR AND MATERIALS FOR CONSTRUCTION OF PROCESSING SHED		1	150,000.00
1 UNIT PELLETIZER		1	41,250.00
1 UNIT GRINDER		1	38,500.00

PRODUCT MARKETING AND ENHANCEMENT SKILLS TRAINING		2	540.00
SAAD LEADERSHIP SKILLS TRAINING		3	810.00
SAAD BUSINESS FINANCIAL MGMT SKILLS TRAINING		4	1,080.00
ENTREPRENEURIAL AND COOPERATIVISM SEMINAR		4	1,080.00
<b>SUBTOTAL</b>		<b>49</b>	<b>610,595.00</b>
LANTAPAN			
TILAPIA CULTURE IN POND	Kulasihan, Alanib, Balila, Bugcaon, Kaatuan, Victory, Basac, Kibangay, Cawayan, Alanib		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		20	143,620.00
2,000 GRAMS WEIGHING SCALE		1	800.00
PRODUCT MARKETING AND ENHANCEMENT SKILLS TRAINING		2	540.00
SAAD LEADERSHIP SKILLS TRAINING		3	810.00
SAAD BUSINESS FINANCIAL MGMT SKILLS TRAINING		4	1,080.00
ENTREPRENEURIAL AND COOPERATIVISM SEMINAR		4	1,080.00
<b>SUBTOTAL</b>		<b>34</b>	<b>147,930.00</b>





cont. Table 4. BFAR-SAAD Implemented Projects from 2018 - 2019

SAN FERNANDO			
TILAPIA CULTURE IN POND	Candelaria, Halapitan, Cayaga, Magkalungay, Sto. Domingo		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		26	186,706.00
2,000 GRAMS WEIGHING SCALE		1	800.00
PRODUCT MARKETING AND ENHANCEMENT SKILLS TRAINING		2	540.00
SAAD LEADERSHIP SKILLS TRAINING		3	810.00
SAAD BUSINESS FINANCIAL MGMT SKILLS TRAINING		4	1,080.00
ENTREPRENEURIAL AND COOPERATIVISM SEMINAR		4	1,080.00
<b>SUBTOTAL</b>		<b>40</b>	<b>191,016.00</b>
DAMULOG			
TILAPIA CULTURE IN POND	Brgys. Anggan, Macapari, Lagasan, Sampagar,		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		10	71,810.00
2,000 GRAMS WEIGHING SCALE		1	800.00
PRODUCT MARKETING AND ENHANCEMENT SKILLS TRAINING		2	540.00

SAAD LEADERSHIP SKILLS TRAINING		3	810.00
SAAD BUSINESS FINANCIAL MGMT SKILLS TRAINING		4	1,080.00
ENTREPRENEURIAL AND COOPERATIVISM SEMINAR		4	1,080.00
<b>SUBTOTAL</b>		<b>24</b>	<b>76,120.00</b>
DANGCAGAN			
TILAPIA CULTURE IN POND	Miaray, Migcuya, Osmena, Poblacion, Kianggat, Bugwak, Dolorosa		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		15	107,715.00
2,000 GRAMS WEIGHING SCALE		1	800.00
PRODUCT MARKETING AND ENHANCEMENT SKILLS TRAINING		2	540.00
SAAD LEADERSHIP SKILLS TRAINING		3	810.00
SAAD BUSINESS FINANCIAL MGMT SKILLS TRAINING		4	1,080.00
ENTREPRENEURIAL AND COOPERATIVISM SEMINAR		4	1,080.00
<b>SUBTOTAL</b>		<b>29</b>	<b>112,025.00</b>
DON CARLOS			
TILAPIA CULTURE IN POND	Brgys. Bizmartz, Kasigkot, Maraymaray, Kibatang, Kiara, San Roque, San Antonio East		





cont. Table 4. BFAR-SAAD Implemented Projects from 2018 - 2019

AQUA CPAR TECHNOLOGY	Brgys. Bismartz, Bocboc, Kasigkot, Kawilihan, Sinangguyan, Kiara, Old Nongnongan, Mahayahay, Kawilihan, Norte, San Francisco		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		20	222,620.00
2,000 G. CAP. WEIGHING SCALE		1	800.00
20 LITERS CAP. PAIL		1	350.00
LABOR AND MATERIALS FOR CONSTRUCTION OF FEED FORMULATION SHEED		1	81,755.00
LABOR AND MATERIALS FOR CONSTRUCTION OF PROCESSING SHED		1	150,000.00
1 UNIT PELLETIZER		1	41,250.00
1 UNIT GRINDER		1	38,500.00
PRODUCT MARKETING AND ENHANCEMENT SKILLS TRAINING		2	540.00
SAAD LEADERSHIP SKILLS TRAINING		3	810.00
SAAD BUSINESS FINANCIAL MGMT SKILLS TRAINING		4	1,080.00

ENTREPRENEURIAL AND COOPERATIVISM SEMINAR		4	1,080.00
<b>SUBTOTAL</b>		<b>49</b>	<b>610,595.00</b>
<b>KADINGILAN</b>			
TILAPIA CULTURE IN POND	Brgys. Sebonga, Payas, Bagor, Malinao, Husayan, Cabadiangan		
FINGERLINGS, AGRICULTURAL SUPPLIES		10	71,810.00
AQUA CPAR TECHNOLOGY	Brgys. Pinamanguan, Balaoro, Mabuhay, Bagong Bayan		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		20	222,620.00
WEIGHING SCALE		1	800.00
20LITERS CAP. PAIL		1	350.00
LABOR AND MATERIALS FOR CONSTRUCTION OF FEED FORMULATION SHED	Brgy. Pinamanguan	1	81,755.00
LABOR AND MATERIALS FOR CONSTRUCTION OF PROCESSING SHED	Brgy. Pinamanguan	1	150,000.00
LABOR AND MATERIALS FOR CONSTRUCTION OF FISH LANDING SHED	Brgy. Pinamanguan	1	81,755.00
1 UNIT PELLETIZER		1	41,250.00
1 UNIT GRINDER		1	38,500.00
PRODUCT MARKETING AND ENHANCEMENT SKILLS TRAINING		2	540.00





cont. Table 4. BFAR-SAAD Implemented Projects from 2018 - 2019

SAAD LEADERSHIP SKILLS TRAINING		3	810.00
SAAD BUSINESS FINANCIAL MGMT SKILLS TRAINING		4	1,080.00
ENTREPRENEURIAL AND COOPERATIVISM SEMINAR		4	1,080.00
<b>SUBTOTAL</b>		<b>50</b>	<b>692,350.00</b>
<b>KIBAWÉ</b>			
TILAPIA CULTURE IN POND	Brgys. Old, Natulongan, Romagook, Labuagon, Talahiron, Gutapol		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		15	107,715.00
2,000 GRAMS WEIGHING SCALE		1	800.00
PRODUCT MARKETING AND ENHANCEMENT SKILLS TRAINING		2	540.00
SAAD LEADERSHIP SKILLS TRAINING		3	810.00
SAAD BUSINESS FINANCIAL MGMT SKILLS TRAINING		4	1,080.00
ENTREPRENEURIAL AND COOPERATIVISM SEMINAR		4	1,080.00
<b>SUBTOTAL</b>		<b>29</b>	<b>112,025.00</b>

<b>KITAOTAO</b>			
TILAPIA CULTURE IN POND	Brgys. Tawas, Lorega, Poblacion Magsaysay, San Isidro, Kitaihon, Bolocaon, Poblacion, Lorega		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		26	186,706.00
2,000 GRAMS WEIGHING SCALE		1	800.00
PRODUCT MARKETING AND ENHANCEMENT SKILLS TRAINING		2	540.00
SAAD LEADERSHIP SKILLS TRAINING		3	810.00
SAAD BUSINESS FINANCIAL MGMT SKILLS TRAINING		4	1,080.00
ENTREPRENEURIAL AND COOPERATIVISM SEMINAR		4	1,080.00
<b>SUBTOTAL</b>		<b>40</b>	<b>191,016.00</b>
<b>KALILANGAN</b>			
TILAPIA CULTURE IN POND	Brgys. Lampanusan, Macaopao, Malinao, Pamotolon, Aquino		
FINGERLINGS, AGRICULTURAL SUPPLIES		10	71,810.00
AQUA CPAR TECHNOLOGY	Brgys. Kinura, Aquino, Malinao, Don Jose, Lampanusan, Pamotolon, Macaopao, Canituan		





# SAAD

cont. Table 4. BFAR-SAAD Implemented Projects from 2018 - 2019

TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		20	222,620.00
2,000 G. WEIGHING SCALE		1	800.00
10 LITERS CAP. PAIL		1	350.00
LABOR AND MATERIALS FOR CONSTRUCTION OF FEED FORMULATION SHED	Brgy. Central Poblacion	1	81,755.00
LABOR AND MATERIALS FOR CONSTRUCTION OF PROCESSING SHED	Brgy. Central Poblacion	1	150,000.00
1 UNIT PELLETIZER		1	41,250.00
1 UNIT GRINDER		1	38,500.00
PRODUCT MARKETING AND ENHANCEMENT SKILLS TRAINING		2	540.00
SAAD LEADERSHIP SKILLS TRAINING		3	810.00
SAAD BUSINESS FINANCIAL MGMT SKILLS TRAINING		4	1,080.00
ENTREPRENEURIAL AND COOPERATIVISM SEMINAR		4	1,080.00
<b>SUBTOTAL</b>		<b>49</b>	<b>610,595.00</b>

PANGANTUCAN			
TILAPIA CULTURE IN POND	Brgys. Barandias, Nabaliwa, Kipaducan, Bacusanon, Malipayon, Kimanait, Madayot, Bacusanon, Payad, Poblacion		
FINGERLINGS, AGRICULTURAL SUPPLIES		10	71,810.00
AQUA CPAR TECHNOLOGY	Brgys. Poblacion and Adtuyon		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		20	222,620.00
2,000 G. CAP. WEIGHING SCALE		1	800.00
20 LITERS CAP. PAIL		1	350.00
LABOR AND MATERIALS FOR CONSTRUCTION OF FEED FORMULATION SHED		1	81,755.00
LABOR AND MATERIALS FOR CONSTRUCTION OF PROCESSING SHED		1	150,000.00
LABOR AND MATERIALS FOR CONSTRUCTION OF FISH LANDING SHED		1	81,755.00
1 UNIT PELLETIZER		1	41,250.00
1 UNIT GRINDER		1	38,500.00
PRODUCT MARKETING AND ENHANCEMENT SKILLS TRAINING		2	540.00
SAAD LEADERSHIP SKILLS TRAINING		3	810.00





cont. Table 4. BFAR-SAAD Implemented Projects from 2018 - 2019

SAAD BUSINESS FINANCIAL MGMT SKILLS TRAINING		4	1,080.00
ENTREPRENEURIAL AND COOPERATIVISM SEMINAR		4	1,080.00
<b>SUBTOTAL</b>		<b>50</b>	<b>692,350.00</b>
<b>MARAMAG</b>			
TILAPIA CULTURE IN POND	Base Camp, Danggawan, Kisanday, La Roxas, Dologon, Camp One, Panalsalan, San Roque, North Poblacion		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		26	186,706.00
2,000 GRAMS WEIGHING SCALE		1	800.00
PRODUCT MARKETING AND ENHANCEMENT SKILLS TRAINING		2	540.00
SAAD LEADERSHIP SKILLS TRAINING		3	810.00
SAAD BUSINESS FINANCIAL MGMT SKILLS TRAINING		4	1,080.00
ENTREPRENEURIAL AND COOPERATIVISM SEMINAR		4	1,080.00

LABOR AND MATERIALS FOR CONSTRUCTION OF FISH LANDING SHED	Brgys. Tubigon, Dologon (2 at Purok 7 & 9), Panadtalan	4	327,020.00
BOTTOM SET GILL NETS		80	391,000.00
HOOK AND LINE		80	41,200.00
<b>SUBTOTAL</b>		<b>262</b>	<b>1,644,746.00</b>
<b>QUEZON</b>			
TILAPIA CULTURE IN POND	Brgys. Sta. Cruz, Pinilayan and Cebole		
FINGERLINGS, AGRICULTURAL SUPPLIES		10	71,810.00
AQUA CPAR TECHNOLOGY	Brgys. Sta. Cruz, Kiburiao and Cebole		
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		20	222,620.00
2,000 G. WEIGHING SCALE		1	800.00
10 LITERS CAP. PAIL		1	350.00
LABOR AND MATERIALS FOR CONSTRUCTION OF FEED FORMULATION SHED	Brgy. Kiburiao	1	81,755.00
LABOR AND MATERIALS FOR CONSTRUCTION OF PROCESSING SHED	Brgy. Kiburiao	1	150,000.00
LABOR AND MATERIALS FOR CONSTRUCTION OF FISH LANDING SHED	Brgy. Butong	1	81,755.00
1 UNIT PELLETIZER		1	41,250.00
1 UNIT GRINDER		1	38,500.00





cont. Table 4. BFAR-SAAD Implemented Projects from 2018 - 2019

PRODUCT MARKETING AND ENHANCEMENT SKILLS TRAINING		2	540.00
SAAD LEADERSHIP SKILLS TRAINING		3	810.00
SAAD BUSINESS FINANCIAL MGMT SKILLS TRAINING		4	1,080.00
ENTREPRENEURIAL AND COOPERATIVISM SEMINAR		4	1,080.00
BOTTOM SET GILL NETS		70	342,125.00
HOOK AND LINE		70	36,050.00
<b>SUBTOTAL</b>		<b>190</b>	<b>1,070,525.00</b>
<b>VALENCIA</b>			
TILAPIA CULTURE IN POND	Brgys. Colonia, Lilingayon, Lumbayao, Banlag, Dagatkdavao, Catumbalon, Pinatilan, Mt. Nebo		
FINGERLINGS, AGRICULTURAL SUPPLIES		10	71,810.00
AQUA CPAR TECHNOLOGY	Brgys. Laligan, Pinatilan, Catumbalon, Colonia, Maapag Guinoyoran, Mt. Nebo, Dagatkdavao, Nabag o		

TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES		20	222,620.00
WEIGHING SCALE		1	800.00
20 LITERS CAP. PAIL		1	350.00
LABOR AND MATERIALS FOR CONSTRUCTION OF FEED FORMULATION SHED		1	81,755.00
LABOR AND MATERIALS FOR CONSTRUCTION OF PROCESSING SHED		1	150,000.00
1 UNIT PELLETIZER		1	41,250.00
1 UNIT GRINDER		1	38,500.00
PRODUCT MARKETING AND ENHANCEMENT SKILLS TRAINING		2	540.00
SAAD LEADERSHIP SKILLS TRAINING		3	810.00
SAAD BUSINESS FINANCIAL MGMT SKILLS TRAINING		4	1,080.00
ENTREPRENEURIAL AND COOPERATIVISM SEMINAR		4	1,080.00
<b>SUBTOTAL</b>		<b>49</b>	<b>610,595.00</b>
<b>TOTAL BUDGET</b>		<b>1264</b>	<b>10,173,432.00</b>
<b>GRAND TOTAL</b>		<b>3810</b>	<b>17,441,277.45</b>





# BUKIDNON

## SUCCESS STORIES





# HAGPA SAAD FA TOWARDS AN ENTERPRISE IN SUPPORT TO DUCK RAISING

## EUGENE RAGMAC

Hagpa SAAD Farmer's Association  
Member



Location: **Hagpa, Impasugong, Bukidnon**  
Beneficiaries: **68**  
Project: **Duck and Duck Eggs Production**  
Cost: **Php 890,490.75**

## BACKGROUND

Bukidnon is located in the north central part of Mindanao. It is highly elevated ranging from 500 to 1,000 meters above sea level, that's why its temperature is cool (16 to 26°C) and moist throughout the year. It belongs to the type III climate with a short dry season lasting only from one to three months.

Farming has always been the bread and butter of the residents in providing families' needs and children's education. The province is considered as the food basket in the region, where rice and corn are the main produced. Other plantation crops are bananas, pineapples, and sugarcane.

### ABOUT HAGPA SAAD FARMERS' ASSOCIATION

Hagpa was chosen as SAAD adopted site hoping the interventions given to the farmers will uplift their living condition through additional household income. The farmers started to organize themselves as SAAD bonafide association in 2018. They named their organization as Hagpa SAAD Farmers' Association (FA), which was registered with DOLE the following year.

Mr. Eugene Ragmac or Tatay Eugene is a 52-year-old farmer tilling a hectare of rice land from Hagpa, Impasugong, Bukidnon and a member of the Hagpa SAAD FA. On a favorable planting season, he would usually harvest 70 sacks of rice mainly for his family's consumption, while a few rice sacks would be sold to fund his next cropping season.

Most Hagpa residents rely on farming as their main source of living but have limited access to market, commercial enterprises, and even the regular programs of the Department of Agriculture (DA).

The municipality is 52 kilometers away from the town's commercial center and it would take them 2 hours to travel. This aggravates the financial status of the farmers as they have to spend more for transportation costs. Likewise, the time spent while they are in transit to and from the town is unproductive because they could have spent that in their farms.

With these reasons, the association was included in the Special Area for Agricultural Development (SAAD) Program of DA.

Before being eligible for the project, leaders of the association were trained on duck and egg production through a train-the-trainer seminar-workshop in DA-Region 10 Research Center – Northern Mindanao Agricultural Crops and



Livestock Research Complex (NMAC LRC). The beneficiaries are also invited to other duck production learning enrichment activities organized by the Local Government Unit (LGU).

## PROJECT IMPLEMENTATION

*Table 5. Hagpa SAAD FA FY 2019 Interventions*

INTERVENTIONS RECEIVED	QUANTITY (No.)	UNIT	TOTAL COST (Php)
ITIK PINAS (PHILIPPINE NATIVE DUCK)	1,175	head	585,150.00
DUCK FEEDS	195	bags	305,340.75
<b>TOTAL</b>			<b>890,490.75</b>

On October 15, 2019, Hagpa SAAD FA received 1,175 ducks. Each member took care of at least 17 native ducks worth Php 8,734.00.

On February 18, 2020, members of the group started to harvest eggs. Tatay Eugene gathers a maximum of 35 eggs daily. The eggs were sold in the neighborhood at Php 180.00 per tray, sometimes on a buy-now-pay-later scheme. The buyers are mostly members of the Pantawid Pamilyang Pilipino Program (4Ps) of the Department of Social Welfare and Development (DSWD).

According to Tatay Eugene, the duck-rearing project has now become a family affair for the Ragmacs. His 52-year-old wife, Nanay Imelda, and 29-year-old married son, Mark, are actively involved in managing the SAAD-funded project. They took turns on feeding, herding, and harvesting.

Engr. Ruel Gomez, the Senior Agriculturist of Impasugong, is optimistic of the project's potential considering the huge demands for balut eggs in the local market. He added that the project is aptly

granted to the farmers considering Hagpa is predominantly rice field areas with abundant fresh water supply. Water availability is a basic requirement in duck farming as it is essential for reproduction and mating purposes. Raising ducks without water will lay unfertilized eggs.

Daily care and management are less challenging compared to any other poultry birds. According to Engr. Gomez, tending to 17 ducks is an easy task to neophyte duck raisers.

### *Risk Mitigation Strategies*

During the project implementation, the members of the group admitted that their biggest challenge was their capacity to procure commercial feeds for the ducks. It is imperative for the ducks to be adequately fed for them to lay eggs abundantly.

Tatay Eugene and his co-members resorted to complementary duck feeding (mix feeding of commercial feeds and corn or rice grains) to mitigate their struggle.

Cognizant of the farmers' dilemma, the local agriculture office is planning to organize feed formulation seminar-workshop to train the farmers on alternative feed production technology.

SAAD Region 10, for its part, provided the farmers 195 bags of feeds amounting to Php 305,340.75 on July 9, 2020.



# RESULTS

From the day the ducks started producing eggs, Tatay Eugene recorded a total of 2,458 eggs harvested as of May 25, 2020. According to him, he tallied a net income of Php 14,748.00 in a span of three months and a half. He was happy to earn for his family.

*Table 6. Tatay Eugene's Harvest Data from February to May 2020*

MONTH	TOTAL EGGS GATHERED (Pcs)	TOTAL SOLD (Php 6.00/pc)
FEBRUARY 2020	118	708.00
MARCH 2020	818	4,908.00
APRIL 2020	843	5,058.00
MAY 2020	679	4,074.00
<b>TOTAL</b>	<b>2,458</b>	<b>14,748.00</b>

Tatay Eugene shared that whether or not the farmers will earn from the project greatly depends on their commitment and dedication. The self-motivated farmer noted the key to make the project work is a dose of ingenuity. He often preaches this idea to his fellow farmers in the area.

In total, Hagpa SAAD FA gathered 6,222 eggs in four months, providing them added daily earnings and food source.

*Table 7. Hagpa SAAD FA Harvest Data from February to June 2020*

MONTH	TOTAL EGGS GATHERED (Pcs)	TOTAL EGGS SOLD (Pcs)	TOTAL SOLD (Php 6.00/pc)
FEBRUARY	837	527	3,162.00
MARCH	1,344	567	3,402.00
APRIL	1,534	711	4,266.00
MAY	2,507	1,292	7,752.00
<b>TOTAL</b>	<b>6,222</b>	<b>3,097</b>	<b>18,582.00</b>

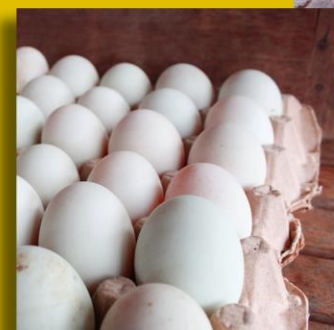
However, the project's farmer-beneficiaries of the association showed varying income. Understandably because most of the beneficiaries are first-time duck raisers and are limited to their financial capacity. Nevertheless, they are optimistic to augment the project with continued support from SAAD and the LGU.

# PLANS

The Hagpa SAAD FA is open to the idea of expanding their project. The association is planning to acquire an incubator to engage in balut and day-old-duckling production. This will be beneficial in order to multiply their ducks and extend the project to other willing farmers in their locality.

Meanwhile, Tatay Eugene said the project's potential can be magnified only if they diversify into other agribusinesses. The association intends to open an agricultural store where they can easily purchase feed for their ducks to be relieved of the logistics difficulty and earn additional income.

*"The government will help us, but as farmers we need to learn how to stand on our own."*





THERE IS MONEY  
IN **TILAPIA**  
EVEN **BEYOND**  
**PRODUCTION**

# NELSON LACUBTAN

PICKISM Tilapia Growers Association  
Chairman



Location: **Kiburiao, Quezon, Bukidnon**  
Beneficiaries: **30**  
Project: **Tilapia Pond Culture**  
Cost: **Php 864,515.00**

## BACKGROUND

The municipality of Quezon is located in the southern region of Bukidnon. More than 50% of the landmass is classified as timberland and the rest is alienable. Its terrain has a concentration of rolling hills and mountain ranges. With this situation, farmers and residents of the area have less access to the market and government support.

In 2018, a group of Bureau of Fisheries and Aquatic Resources (BFAR) staff reached the municipality and introduced the Special Area for Agricultural Development (SAAD) Program. Thirty (30) individuals were identified to be the recipient of the program after the series of interviews and orientations were conducted.

### ABOUT MR. NELSON LACUBTAN

Mr. Nelson Lacubtan, a 51 year old selected beneficiary who cultivates a 2,500 square meter (m2) agricultural land with sugarcane and rice plantation in Quezon, Bukidnon.

In 2019, he was given an opportunity to have an alternative method of livelihood by developing his farmland into an upland fish pond for tilapia culture through the SAAD Program. For him, growing tilapia is completely different from growing sugarcane because it would take them almost a year before they can harvest.

SAAD has offered the beneficiaries better opportunities. Ten individuals are under the Tilapia in Pond Culture Project while 20 are under the Aquaculture Community-Based Participatory Action Research or Aqua-CPAR.

The three-year fish farming and technology demonstration projects aim to help these beneficiaries organize themselves into an organization, increase their yield, improve their livelihood, and help them become a self-sustaining organization to reduce their cost of operations.

### ABOUT PICKISM TILAPIA GROWERS ASSOCIATION

The PICKISM Tilapia Growers Association was registered at the Department of Labor and Employment (DOLE) on November 19, 2019. Mr. Lacubtan was appointed as the group's chairman. An amount of Php 500.00 – Php 1,000.00 was collected from each member to serve as the group's start-up capital, which will help finance the maintenance and operational costs of the project.



Prior to the distribution of interventions, the group was provided by the program with series of training activities on Tilapia Culture in Pond, Tilapia Tilanggit Production, Fish Handling, Tilanggit Processing, Feed Formulation, Leadership Skills, Business/Financial Management, Entrepreneurial and Cooperativism, Packaging and Labeling, and Good Aquaculture Practices or GAqP (which contains the observed practices under the ASEAN Code of Good Aquaculture Practices for Food Fish).

The GAqP offers aquaculture methods that limit the occurrence of hazards from production, harvesting up to postharvest handling of milkfish and tilapia, keeping up with the aquatic animal health and welfare standards (BAFS, 2016).

## PROJECT IMPLEMENTATION

For Tilapia culture, 20 beneficiaries were identified to be part of the Aqua-CPAR Technology Project. Meanwhile, 10 were part of the Tilapia Culture in Pond (TCiP) Project. All were provided with tilapia fingerlings and agricultural supplies in the first year of implementation.

In 2019, feed processors, postharvest equipment and facilities were provided to help reduce costs and further improve their marketing and production of value-added products (Table 8).

# RESULTS

Stocked in November 2018, each member (having an average cultivated pond area of 300 m<sup>2</sup>) harvested their cultured tilapia in April 2019.

Out of 60,000 fingerlings stocked, the group was able to harvest a total of 2,365 kgs (estimated at 7,095 pieces) of fresh tilapia and 97 kgs for tilanggit processing (prepared similarly to dried *danggit*, it is cut horizontally, eviscerated of all the internal organs, deboned and preserved through drying). With this, the group earned a total of Php 758,610.00 (Table 9).

**Table 8. Tilapia Culture in Pond and Aqua CPAR Project for sustainable development of PICKISM**

PROJECT	NUMBER OF BENEFICIARIES	AMOUNT (PHP)	
MONTH		CY 2018	CY 2019
<b>TILAPIA CULTURE IN POND</b>			
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES	10	63,810.00	71,810.00
<b>AQUA CPAR TECHNOLOGY</b>			
TILAPIA FINGERLINGS, AGRICULTURAL SUPPLIES	20	193,620.00	222,620.00
2,000 GRAMS WEIGHING SCALE	1 GROUP		800.00
10 LITERS CAP. PAIL	1 GROUP		350.00
<b>FEED FORMULATION SHED</b>			
LABOR AND MATERIALS FOR CONSTRUCTION OF FEED FORMULATION SHED			81,755.00
<b>MINI-FISH PROCESSING SHED</b>			
LABOR AND MATERIALS FOR CONSTRUCTION OF MINI-FISH PROCESSING SHED			150,000.00
<b>FEED FORMULATION EQUIPMENT</b>			
1 UNIT PELLETIZER			41,250.00
1 UNIT GRINDER			38,500.00
<b>TOTAL</b>		<b>257,430.00</b>	<b>607,085.00</b>

**Table 9. PICKISM TGA Harvest Data**

DATE OF HARVEST	TOTAL TILAPIA GATHERED (KG)		TOTAL SOLD FRESH TILAPIA (PHP 130/KG)	TOTAL SOLD TILANGGIT (PHP 1,000/KG)	TOTAL SALES (PHP)
2019	FRESH	TILANGGIT			
APRIL	2,365	97	307,450.00	97,000.00	404,450.00
2020					
MAY	609	70	79,170.00	70,000.00	149,170.00
JUNE	1,323	33	171,990.00	33,000.00	204,990.00
<b>TOTAL</b>	<b>4,297</b>	<b>200</b>	<b>558,610.00</b>	<b>200,000.00</b>	<b>758,610.00</b>



For 2019, the fingerlings were stocked in August 2019 and were harvested in May and June 2020. A total of 1,932 kgs of fresh tilapia were harvested, and a total of 103 kgs were processed to tilanggit. The group earned a total of Php 404,450.00.

In 2020, the group's sales went down by Php 50,000.00 compared to the previous year as they only earned Php 354,160.00 due to the adverse effects of the El Niño phenomenon. Mitigation measures were applied by the group to prevent further losses of farmed tilapia. Members who were severely affected opted for an early harvest, while others who had available water continued up until June 2020 before they proceeded to harvest.

## *On Fresh Tilapia Income*

"We eventually got interested (in tilapia culture) when we saw how much we have earned during our first harvest. The hatchery project of BFAR-10 has immensely sustained our supply of fingerlings. We also learned that through Aqua CPAR, we were able to grow up to three to five pieces of tilapia per m<sup>2</sup>, compared to only one piece of tilapia per m<sup>2</sup> without the technology.

Mr. Lacubtan was ecstatic to share how much profit they got after two years of project implementation.

"We felt a significant increase in our profit when we allocated a portion of our area for tilapia culture. Before, we can only harvest three to four cavans of rice. Now, we harvest almost 60 kgs of tilapia, which we can sell for almost Php 8,000.00," said Mr. Lacubtan.

The group has allocated a pond for harvest-sized tilapia, where buyers would catch the fish themselves; others saw it as a form of recreational activity or for family bonding. Their catch is then sold to them for Php 130.00 per kilogram. To his delight, Mr. Lacubtan shares that they are not the ones looking for buyers, rather, the buyers come to them.

"There will be an increase in your profit because of the technology the seminars have shared to us," Mr. Lacubtan stressed how their knowledge in Aqua CPAR has provided them greater yield.

The association has sold almost 4,300 kgs of fresh tilapia in just two years of implementation, resulting in a gross profit of Php 558,610.00

## *On Tilanggit Product Income*

The success of the project, granted the group a recognition to showcase their products like the tilanggit on featured display caravans and festivals, like the Kaamulan Festival in Malaybalay City and Display Caravans in premiere malls in Cagayan de Oro City.

Also, BFAR-10 encouraged the women's sector, composed of the wives of the fisherfolk group, to take part in the post-harvest operations of the association. With this, they were able to produce volumes of value-added fish products such as a local-favorite tilanggit or tilapiang dinanggit. From April 2019 to June 2020, the group sold a total of 200 kgs of tilanggit at Php 1,000.00 per kilo, and earned a total of Php 200,000.00.

## *Challenges and Risk Mitigations*

However, like all other engagements, the association was also met with challenges which limit their capabilities to produce a higher yield. Yet, the group remains unfazed by preparing measures on how to reduce their losses during a crisis.





"Yes, it also happens. There are times our fish ponds are met with strong and heavy rains causing our ponds to overflow which resulted in some of the fingerling stocks escaping on our ponds and this would lead to our losses and decrease in yield. But thanks to BFAR anyway for making the hatchery project always available," said Mr. Lacubtan.

El Niño has also limited their production capacity, opting the group to implement alternative strategies to salvage the remaining yield.

"We harvested the affected fish ponds and processed the remaining tilapia into tilanggit while others sold their remaining harvest to cut losses. Those who still have available water in their fish ponds continue on the project," Mr. Lacubtan added.

"Continued lectures are also important because some members tend to forget what they have learned as time passes. We keep on reminding the members through continued lectures to ensure consistency," he added.

## PLANS

The group's business on processed tilapia grows fast.

"There is a significant increase in our income. If we look at it, we were able to improve our business by raising more products, like ducks, goats, hogs, poultry, and turkey. We are very thankful because we were able to expand our business through the income we have in growing tilapia. It helped us greatly," said Mr. Lacubtan.



"I would like to encourage those who venture into fish farming to be dedicated to their chosen line of work. This may be a simple way of living but with hard work, you will earn a lot. As I have observed, it's of great help to us. I have to emphasize how important the series of training on fish culture in ponds is, because without it, nothing will happen to our stock. The seminars and training are necessary as it will improve our

yield production," Mr. Lacubtan shared his message to his fellow farmer-beneficiaries of the program.

With these results, the group plans to:

1. formalize business operations and register their tilanggit products to the Department of Trade and Industry (DTI) and the Bureau of Food and Drugs (BFAD);
2. increase the number of members because the other farmers in the area expressed their interest to join the association after seeing the huge impact of the project; and
3. widen their market and production capacity.

### Reference

Bureau of Agriculture and Fisheries Standards. 2016. Code of Good Aquaculture Practices (GAqP) for Milkfish and Tilapia. Department of Agriculture.





# LANAO DEL NORTE

The Special Area for Agriculture Development (SAAD) Program in Lanao del Norte started in 2019. In Region 10, the province has one of the highest poverty rates, particularly in the uptown municipalities. This is because of the continuing peace and order setback among the people residing in that area. They think that there is no assurance when conflict arises, all their livelihood such as crops and livestock will be left unattended.



The Special Area for Agriculture Development (SAAD) Program in Lanao del Norte started in 2019. In Region 10, the province has one of the highest poverty rates, particularly in the uptown municipalities. This is because of the continuing peace and order setback among the people residing in that area. Residents in the uptown municipalities are having a hard time investing in agriculture. They think that there is no assurance when conflict arises, all their livelihood such as crops and livestock will be left unattended.

In 2019, the six municipalities we catered in Lanao del Norte under SAAD are part of the top 10 municipalities with the highest poverty incidence in the province. Our projects so far are running smoothly since we have strong support from the LGUs saying that the program is unique because it caters directly to the poorest of the poor farmers in the selected municipalities.

So far as I have observed, the projects that are being implemented here in Lanao del Norte have good feedback. For many years, those municipalities we selected rarely have a livelihood project present since most of their projects proposed are inclined to infrastructure.

But now, they realized that having a livelihood project present in the municipality is essential. The projects implemented by SAAD in our province can generate income daily and puts food on the table which is one of SAAD's mandates, Food Always In The Home.

One of the challenges I can see here is that farmers from the uptown municipalities are mostly Muslims and their farming attitude is not the same

as the farmers from coastal areas. Marketing is my main concern which is why I always remind the area coordinators of SAAD to not only focus on the production but to the marketing as well.

Once a project is neglected, it might be hard to sustain in the long run. I always encourage the ACs that aside from the technical side, they should reach out to the market. The LGU specifically the Municipal Agriculture Office has the biggest role in initiating help for the farmers' produce to reach the main market.

But despite the challenges, I think the key to a successful program is empowering our beneficiaries with the projects given to them. Our goal is to empower and strengthen these beneficiaries that when this special project ends, they are already venturing into entrepreneurship.

Another thing that can sustain the program is with constant monitoring with proper coordination with the LGU. Deserting the beneficiaries right after the project is implemented might be hard for the part of the farmers that's why we should be in constant assistance until their products are displayed in the market.

At the moment, we cannot really say that it is that successful since this program is very new to the province. The important thing is, our beneficiaries are taking good care of the projects and are excited about a new life it will bring to the community.

For this year 2020, we have added another municipality which is Munai. We are hoping to expand to other municipalities especially in the uptown areas because a lot of them still need the programs' aid and can really benefit from the programs' interventions.

Although indirectly, SAAD is one of the factors that help with the peace and order in Lanao del Norte. By engaging the people in farming, they can focus all their energy and time in tending their farms.



**ENGR. ABDULHARIS P. PAPORO**

Agricultural Center Chief  
APCO Bukidnon





# LANAO DEL NORTE

## PROVINCIAL PROFILE



## PHYSICAL PROFILE

The Province of Lanao del Norte, in the national geographical setting, is situated in the northwestern part of Mindanao- Region 10. Its capital is the municipality of Tubod. Lanao del Norte is bordered from the north by Iligan Bay, Misamis Oriental, Bukidnon, Lanao del Sur and Illana Bay, Pagadian Bay, Zamboanga del Sur.

Like any province in Mindanao, Lanao del Norte has a coastal to mountain ecosystems since the province lies along the coast of Iligan and Kolambugan Bays stretching up to the tip of Panguil Bay and extending to the coast of Illana Bay in the south.

The province has a total land area of 334,657 hectares with 22 municipalities with an independent city and 462 barangays (PhilAtlas, 2020) traversed by many rivers, the most essential of which is the Agus River that feeds the notable Ma. Christina Falls, a major source of hydro-electrical power throughout Mindanao which generates 80% of the Mindanao power grid.



## POVERTY SITUATION

Based on PSA 2018, Lanao del Norte's annual per capita poverty threshold is Php 24,450.00 with a recorded decrease in percentage of poverty incidence among families of 19.1% from 38.1% in 2015 to 19.0% in 2018.

In terms of the poverty incidence situation in Lanao del Norte, the municipality of Nunungan at 69.1% has the highest poverty incidence while the city of Iligan at 17.3% has the lowest.

## AGRICULTURE PROFILE

Based on the PSA 2018, out of the total area of 334,657 hectares, 174,332 hectares were used in farming. Table 10 shows that the major crops in the province are; palay, corn, coconut (with husk), banana, cassava and sweet potato while livestock (cattle, carabao, goat, swine) and poultry (duck and chicken) got the highest inventory of animals.



# lanao del norte

## DA-SAAD LANAO DEL NORTE

Map of Interventions

### 2018



HYBRID CORN SEEDS



COMPLETE FERTILIZER  
(14-14-14)



OPV VEGETABLE  
SEEDS IN VALUE PACK



CACAO GOOD  
SEEDLING



VERMICAST (ORGANIC  
FERTILIZER)



CATTLE



VARIOUS GARDEN  
TOOLS



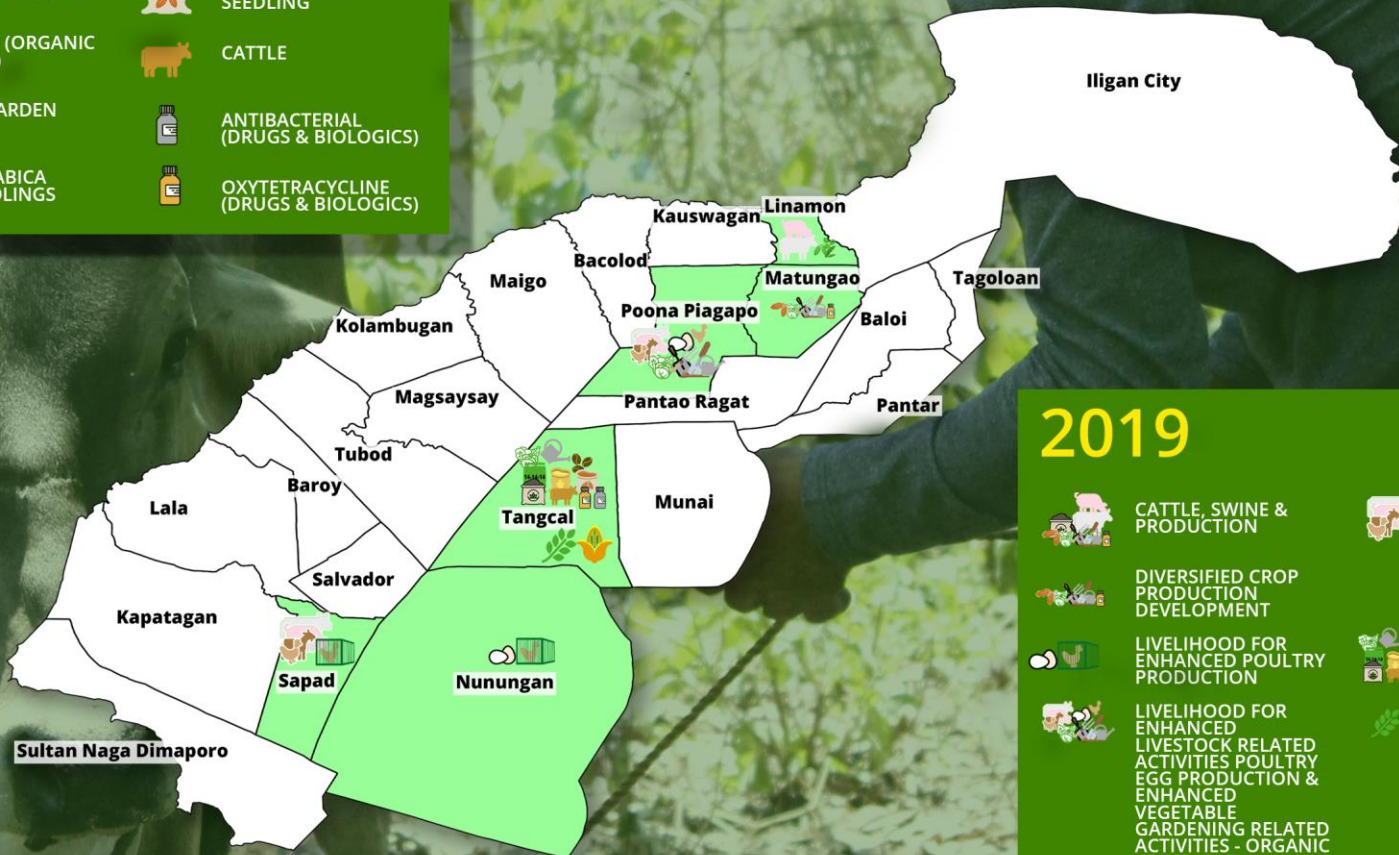
ANTIBACTERIAL  
(DRUGS & BIOLOGICS)



COFFEE ARABICA  
GOOD SEEDLINGS



OXYTETRACYCLINE  
(DRUGS & BIOLOGICS)



### 2019



CATTLE, SWINE &  
PRODUCTION



INTEGRATED  
AGRICULTURAL  
LIVELIHOOD PROJECT  
(PROVISION OF  
LIVESTOCK &  
POULTRY  
PRODUCTION)



DIVERSIFIED CROP  
PRODUCTION  
DEVELOPMENT



INTEGRATED  
AGRICULTURAL  
LIVELIHOOD PROJECT



LIVELIHOOD FOR  
ENHANCED POULTRY  
PRODUCTION



UPL RICE & CORN



LIVELIHOOD FOR  
ENHANCED  
LIVESTOCK RELATED  
ACTIVITIES POULTRY  
EGG PRODUCTION &  
ENHANCED  
VEGETABLE  
GARDENING RELATED  
ACTIVITIES - ORGANIC  
VEGETABLE  
PRODUCTION



## AGRICULTURE SECTOR

In 2019, with livelihood interventions amounting to **Php 44 million**, the province of Lanao del Norte was selected to be part of DA-SAAD Program under DA Regional Office 10. There were 6 selected municipalities namely; Sapad, Nunungan, Matungao, Linamon, Poona Piagapo and Tangcal to receive DA-SAAD agricultural and livelihood projects.

The selection of these municipalities to be covered by SAAD Program were based on its poverty rate. In terms of its project implementation the regional office decided to download funds to LGUs for them to lead the procurement of agricultural inputs in close coordination with DA-SAAD Regional Program Management Support Office (RPMSSO) with an equally distributed budget among the six municipalities under SAAD Program.

### Target Projects

Since most of the project status in the province are still on-going, the table below shows the target projects for implementation with a target of 659 individual farmer beneficiaries (Table 10).





Table 10. Target Projects in Lanao del Norte (2019)

PROJECT TITLE	LOCATION (BARANGAY)	FARMERS ASSOCIATIONS	NUMBER OF BENEFICIARIES (INDIVIDUALS)	FINANCIAL ALLOCATION (PHP)
<b>FY 2019</b>				
<b>LINAMON</b>				
CATTLE, SWINE AND CROP PRODUCTION	Robocon		20	7,538,167.00
	Purakan		16	
	Bosque		15	
	Samburon		15	
	Poblacion		14	
	Napo		15	
	Magoong		11	
<b>SUBTOTAL</b>			<b>106</b>	<b>7,538,167.00</b>
<b>MATUNGAO</b>				
DIVERSIFIED CROP PRODUCTION DEVELOPMENT	Pasayanon		30	7,538,167.00
	Poblacion		30	
	Puntod		20	
	Santa Cruz		20	
<b>SUBTOTAL</b>			<b>100</b>	<b>7,538,167.00</b>
<b>NUNUNGAN</b>				
LIVELIHOOD FOR ENHANCED POULTRY PRODUCTION	Masibay		25	7,538,167.00
	Paridi		25	
	Abaga		25	
	Katubuan		25	
<b>SUBTOTAL</b>			<b>100</b>	<b>7,538,167.00</b>

<b>POONA PIAGAPO</b>				
LIVELIHOOD FOR ENHANCED LIVESTOCK RELATED ACTIVITIES POULTRY EGG PRODUCTION AND ENHANCED VEGETABLE GARDENING RELATED ACTIVITIES-ORGANIC VEGETABLE PRODUCTION	Pendolonan		70	7,538,167.00
<b>SUBTOTAL</b>			<b>70</b>	<b>7,538,167.00</b>
<b>SAPAD</b>				
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT (PROVISION OF LIVESTOCK AND POULTRY PRODUCTION)	Malasalug		100	7,538,166.00
	Inudaran I		94	
<b>SUBTOTAL</b>			<b>194</b>	<b>7,538,166.00</b>
<b>TANGCAL</b>				
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT	Biruwai		15	7,538,166.00
(UPL RICE AND CORN)	Punod		15	
	Big Banisilon		15	
	Bubong		15	
	Small Meladuc		15	
	Small Banisilon		15	
	Lamaosa		15	
	Linao		15	
<b>SUBTOTAL</b>			<b>120</b>	<b>7,538,166.00</b>
<b>GRAND TOTAL</b>			<b>690</b>	<b>45,229,000.00</b>





## FISHERY PROFILE

In 2019, the province of Lanao del Norte produced a total of 81,084.64 MT fishes, which is 4.1% higher compared to the 2018 production of 77,875.55 MT contributing 1.84% and 1.79%, respectively, to the Philippine Fisheries Production.

Of the 81,084.64 MT of the 2019 production, 14.6% comes from Commercial Fisheries, 18.1% comes from Municipal Fisheries, and 67.3% comes from Aquaculture Production.

Of the 55,342.55 MT production in 2019, 50.6% comes from seaweeds, 48.5% from brackish water fishponds, and the remaining 0.9% comes from freshwater fish ponds, marine pens and cages. Major aquaculture commodities include seaweeds, milkfish, tilapia, prawn, and crabs.

## FISHERY SECTOR

In 2019, the province of Lanao del Norte was funded with a total amount of **Php 15 million**; Php 13 million worth of livelihood projects covering **eleven (11) municipalities**, Php 1 million for training courses, and Php 1 million for project management support.



# lanao del norte

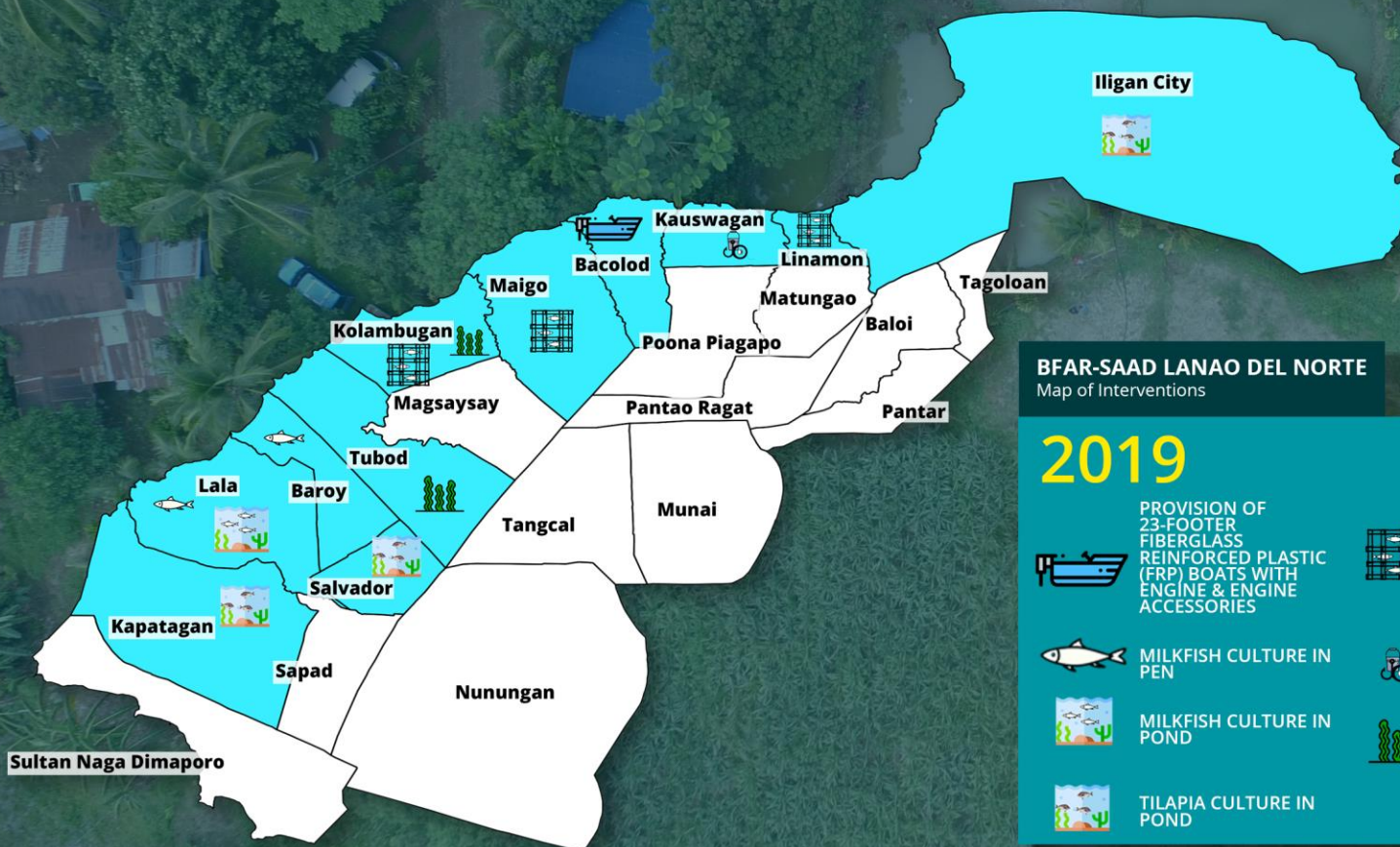






Table 11. BFAR-SAAD Projects Implemented in Lanao del Norte (2019)

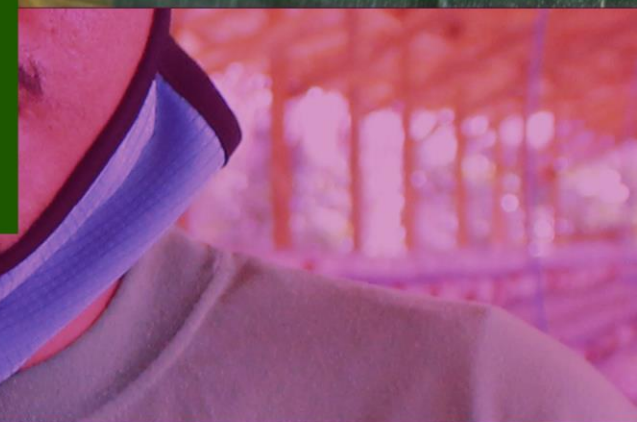
PROJECT	LOCATION (MUNICIPALITY)	INDIVIDUAL BENEFICIARIES	GROUP	AMOUNT (Php)
FY 2019				
PROVISION OF 23-FOOTER FIBERGLASS REINFORCED PLASTIC (FRP) BOATS WITH ENGINE AND ENGINE ACCESSORIES	Poblacion Bacolod	20	1	1,000,000.00
MILKFISH CULTURE IN PEN	Raw-an Point, Baroy	60	2	1,893,334.00
	Baroy Dacu, Baroy			
MILKFISH CULTURE IN POND		5		403,400.00
TILAPIA CULTURE IN POND	Hinaplanon, Iligan	90	3	151,128.00
	Scion, Iligan			
	Bunawan, Iligan			
PROVISION OF FISHING GEARS AND PARAPHERNALIA	Poblacion, Kauswagan	39		350,000.00
TILAPIA CULTURE IN POND	Taguitic, Kapatagan	10		503,760.00

MILKFISH CULTURE IN FLOATING BAMBOO FISH CAGE	Riverside, Kolambugan	30	1	1,761,851.00
SEAWEEDS CULTURE	Simbuco, Kolambugan	185	1	1,101,651.00
MILKFISH CULTURE IN PEN	Pacita, Lala	47	1	1,893,334.00
MILKFISH CULTURE IN POND	Darumawang, Lala	5		251,880.00
MILKFISH CULTURE IN FLOATING BAMBOO FISH CAGE	Samburon, Linamon	30	1	1,761,851.00
MILKFISH CULTURE IN FLOATING BAMBOO FISH CAGE	Balagatasa, Maigo	30	1	1,761,851.00
MILKFISH CULTURE IN FLOATING BAMBOO FISH CAGE	Riverside, Kolambugan	30	1	1,761,851.00
SEAWEEDS CULTURE	Simbuco, Kolambugan	185	1	1,101,651.00
MILKFISH CULTURE IN PEN	Pacita, Lala	47	1	1,893,334.00
TILAPIA CULTURE IN POND	Sudlon, Salvador	10		503,760.00
SEAWEEED CULTURE	Tangugueron,	60	1	1,101,651.00
	Tubod			
<b>TOTAL</b>		<b>621</b>	<b>12</b>	<b>12,677,600.00</b>





# LANAO DEL NORTE SUCCESS STORIES





# SAAD'S EGG BUSINESS IN POONA PIAGAPO

## GUNARANAO S. ADINGAN

Poona Piagapo SAAD Association  
President



Location: **Poona Piagapo, Lanao del Norte**  
Beneficiaries: **120**  
Project: **Poultry Egg Production**  
Cost: **Php 5,403,000.00**

## BACKGROUND

Poona Piagapo is a 4th class municipality with a land area of 260.1 square kilometers (km<sup>2</sup>) in which 27,018 residents in 2015 are mostly Muslims. The municipality is 16 km away from the national highway but it takes an hour and 30 minutes to reach the area due to poor road condition.

Most residents' source of living is crops farming, specifically corn, coconut, and vegetables. Moreover, corn is the major commodity for consumption. They also use corn grits and corn bran as feeds for their livestock and poultry.

It was selected as one of the recipients of the SAAD Program in 2019 as it is the 4th poorest municipality of the province in 2015 with a 62.8% poverty incidence rate among families. At least 16,900 households are considered poor in Poona Piagapo.

### ABOUT POONA PIAGAPO SAAD ASSOCIATION

Through the program, the Poona Piagapo SAAD Association was organized in February 2020. However, the registration process halted due to the restrictions brought about by the COVID-19 pandemic.

Organization, geotagging, and registration are parts of the program's social preparation activities. They are done to help farmers be fully identified as SAAD beneficiaries. SAAD Area Coordinators assist individual farmers to form them as a group and register them at the Registry System for Basic Sectors in Agriculture (RSBSA).

Forming them as an organization can unlock many opportunities for the members. Not only are they recognized by the Department of Labor and Employment (DOLE), but they can also request and get more projects and assistance from other government agencies and local government units (LGUs).

Mr. Gunaranao S. Adingan is the president of the association. He is managing 120 members, who are from barangays Pendulunan, Pened, Poblacion, and Tagoranao.



## PROJECT IMPLEMENTATION

On February 21, 2020, 4,800 ready-to-lay chickens, 50 pieces of chicken cage, 500 pieces of egg tray, 350 bags of chicken feeds, 15 units of shade house, 200 sacks of chicken manure, 50 pieces of flat hand shovel, and 50 bundles of walis ting-ting were given to the municipality as part of the SAAD Poultry Egg Production Project of 2019 worth Php 5,403,000.00. The chickens were placed in the group's one-hectare communal farm.

Table 11. Poona Piagapo SAAD Association FY 2019 SAAD Interventions

INTERVENTIONS	UNIT OF MEASURE	UNIT PRICE (PHP)	QUANTITY (NO.)	ESTIMATED BUDGET
READY-TO-LAY PULLETS	head	605.00	4,800	2,904,000.00
CHICKEN CAGE	pcs	30,000.00	50	1,500,000.00
EGG TRAYS	pcs	100.00	500	50,000.00
CHICKEN FEEDS	bags	1,700.00	350	595,000.00
SHADE HOUSE	unit	12,000.00	15	180,000.00
SACKS (CHICKEN MANURE)	pcs	15.00	200	3,000.00
FLAT HAND SHOVEL	pcs	420.00	50	21,000.00
HAND GLOVES	pcs	53.00	50	2,600.00
TING-TING WALIS	bdl	30.00	50	1,500.00
TECHNICAL TRAINING	days		3	145,900.00
<b>TOTAL</b>				<b>5,403,000.00</b>

Mr. Adingan is leading the day-to-day management of the poultry. Although he made rotation schedules among the members for the cleaning and feeding, he monitored the farm frequently.

## Challenges Encountered and Solutions Made

Mr. Adingan shared that a newly-formed organization, like them, struggled along the way. Their biggest challenges include:

- 1. Lack of cooperation of some members.** They overcame this by a) encouraging everyone to regularly attend meetings and motivating each other to be responsible for their duties and responsibilities and b) monitoring and checking of attendance by the association's secretary.
- 2. Lack of management and marketing skills.** Having little knowledge on running a business, they did not know how to sell their produce. They invited a poultry owner to demonstrate hands-on training on managing the farm with the assistance from the LGU. They also established market linkages to sari-sari store owners to patronize their egg product. Lastly, they partnered with suppliers to deliver and market the product to neighboring municipalities.





# KEY RESULTS

The group started harvesting eggs in March 2020. With the help of the LGU's communications office and Municipal Agriculture Officer (MAO) Mr. Nassif Mamarinta, the association received free marketing of their produce eggs. Buyers from all over the municipality were visiting the communal farm just to buy their fresh eggs.

**Table 13. Poona Piagapo SAAD Association's Harvest from March to May 2020**

MONTH	TOTAL EGGS GATHERED (pcs)	TOTAL SALES (Php) (a)	TOTAL MONTHLY EXPENSE (Php) (b)	TOTAL GROSS INCOME (Php) (a - b)
MARCH	3,841	17,135.00	19,620.00	-2,485.00
APRIL	32,062	165,850.00	156,930.00	8,920.00
MAY	34,110	163,410.00	109,680.00	53,730.00
<b>TOTAL</b>	<b>70,013</b>			<b>62,650.00</b>
<b>PURCHASED DUCK (MEAT AND EGG TYPE) 200 HEADS</b>				<b>30,000.00</b>
<b>TOTAL NET INCOME</b>				<b>32,650.00</b>

From March to May 2020, the group harvested a total of 70,013 eggs and sold them at Php 5.00 per piece. From their total gross income, they bought 200 ducks amounting to Php 30,000.00. Their total net income was recorded at Php 32,650.00, according to Ms. Rosebym M. Permites, the Association Treasurer.

The group decided to set aside some of their net income to build a perimeter fence for their communal farm to keep away stray goats and cattle.

"This egg business is really timely not only during the COVID-19 pandemic but also during Ramadan (April 24 to May 23, 2020). Ramadan is the most sacred month of the year in Islamic culture. During this season, Muslims wake up well before dawn to eat the first meal of the day, which has to last until sunset. This means they should eat lots of high-protein foods and drink as much water as possible right up until dawn. Egg is a staple food since most of the delicacies served contain eggs," Mr. Mamarinta said.

Although the group's egg production is running smooth and stable, the beneficiaries thought of other ways to gain additional sources of income. They thought of selling their chicken dung as fertilizers to residents practicing backyard gardening with the price of Php 250.00 per sack.

While also waiting for the association's DOLE registration, the group members are working their best to make the egg production a stable business. To make it more efficient, the group members purchased egg weighing scales to determine sizes.

Each tray, the small eggs (50g) are sold at Php 150.00, medium eggs (55g) at Php 180.00, large eggs (60g) at Php 200.00, and extra-large eggs (65g) at Php 220.00.

## PLANS

The group is hopeful that their request for an egg incubator machine will be granted by the Department of Agriculture Region 10. With this, the group plans to sell day old chicks and balut. These products can be sold at a much higher price than fresh table eggs.

In the meantime, the group is doing their best to market the egg produce with the help of the MAO, Mr. Mamarinta, through social media marketing.

Mamarinta said that their presence in the online community might spark interest from neighboring LGUs and businesses to partner with the group's egg business.

"We want to expand this project to help other farmers in Poona Piagapo." – Mr. Gunaranao S. Adingan





# MISAMIS OCCIDENTAL

The province of Misamis Occidental has 3 cities and 14 municipalities, most of which belong to the 4th and 5th class municipality.

In Misamis Occidental, the Special Area for Agriculture Development (SAAD) covers 5 municipalities which are Balingao, Bonifacio, Concepcion, Panaon, and Sapang Dalaga. These municipalities were chosen because they are identified as one among the towns having the highest poverty incidence.



When SAAD began implementing livelihood projects in 2019, it really helped the farmers. It boosted their productivity as well as their income. Through the training, beneficiaries gained more knowledge in terms of the technicalities of agriculture. Interviews were also made by the Municipal Agriculture Office (MAO), to propose projects based on what livelihood interventions the beneficiaries want.

Keeping in mind that every municipality has a different approach to farming, SAAD also diversified its interventions to fit the beneficiaries' needs.

Some of the problems we faced were the delayed distribution of the interventions due to COVID-19. Since all public transportation was suspended so were the deliveries. Despite logistic obstacles, the SAAD team pushed through with the deliveries by accomplishing all the required documents to travel together with the suppliers.

It usually takes 5 hours from the regional office to arrive here in the province via barge but since Mukas Barge suspended their operations, they have to go around via Zamboanga del Sur which took them 10 hours to arrive with the strict checkpoints along the way.

The key to successful program implementation is having proper social preparation. Listening to the farmers and assessing will identify their priority needs thus proposing farmer oriented projects. After social preparation is the project implementation and this will ignite the interest of the beneficiaries once they see that the interventions given are in line with what they requested. Lastly is the monitoring, which will serve as an update of the farmer's life after the intervention. In this way, the ACs can keep track of the farmers' progress in terms of gaining income and food security in their homes.

The SAAD project in Misamis Occidental is trying to expand to other municipalities with high poverty incidences such as Aloran and Don Victoriano which we have added in 2020. Aside from that, we are trying to strengthen the farm mechanization in the province by providing assistance on farm equipment and machinery.

With regard to the farmers' program management, they have started venturing into agripreneurship since most of them are already selling their products and started earning from it. The ACs on the other hand do constant monitoring of the beneficiaries' work progress to help ensure sustainable livelihood projects.

Until the program ends in 2022, we will strive to the best of our effort in uplifting the lives of our SAAD farmers in Misamis Occidental.



**SANSEN O. TEJANO**

Senior Agriculturist  
APCO Misamis Occidental





# MISAMIS OCCIDENTAL

## PROVINCIAL PROFILE

### PHYSICAL PROFILE

Misamis Occidental is located in the Northern Mindanao in the Philippines and Oroquieta City is its capital. The province is bounded by the province of Zamboanga del Norte and Zamboanga del Sur to the west and is separated from Lanao del Norte to the south by Panguil Bay and Iligan Bay to the east.

Misamis Occidental is located near the narrow strip of land linking Northwestern Mindanao, to the North-central part of the island with a total area of 205,522 hectares (PhilAtlas, 2020). Misamis Occidental consists of 2 districts, 14 municipalities with 3 cities and 490 barangays (PSA, 2018).



# AGRICULTURE PROFILE

Based on the PhilAtlas, out of the total land area of 205,522 hectares, the province of Misamis Occidental recorded 76,811 hectares of land use for farming. The province's main livelihood was fishing, followed by farming such as coconut and rice. Coconut is their chief crop and it was being processed into oil, desiccated coconut, and coir, and most of which are shipped to other neighboring provinces like Cebu (Region 7). Other crops grown in the province are rice, corn, banana, cassava, mango, abaca, coffee, cacao and rubber.

On the other hand, Table 14 shows major livestock and poultry in the province wherein native/improved chicken got the highest number of animal inventory based on PSA 2019.

# POVERTY SITUATION

Misamis Occidental recorded a decline in poverty incidence among families of 17.3% from 36.8% in 2015 to 19.5% in 2018.

The annual capital poverty threshold was Php 20,376.00, the minimum income required to meet the basic food and non-food needs of a family.

In terms of the poverty incidence situation in Misamis Occidental, the municipality of Concepcion at 70.2% has the highest poverty incidence while the City of Ozamis at 17.8% has the lowest.



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## DA-SAAD MISAMIS OCCIDENTAL Map of Interventions

### 2018 INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT

-  HYBRID CORN SEEDS
-  OPV VEGETABLE SEEDS IN VALUE PACK
-  VERMICAST (ORGANIC FERTILIZER)
-  VARIOUS GARDEN TOOLS
-  COFFEE ARABICA GOOD SEEDLINGS
-  COMPLETE FERTILIZER (14-14-14)
-  CACAO GOOD SEEDLINGS
-  CATTLE
-  ANTIBACTERIAL (DRUGS & BIOLOGICS)
-  OXYTETRACYCLINE (DRUGS & BIOLOGICS)



### 2019

-  INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT
-  CARABAO PRODUCTION
-  SWINE PRODUCTION
-  INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT: CORN PRODUCTION WITH DRAFT ANIMAL & PLOW, VEGETABLE PRODUCTION, & ENHANCED ABACA PRODUCTION
-  INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT: CORN PRODUCTION; HIGH VALUE CROPS; LIVESTOCK AND POULTRY PRODUCTION
-  INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT: CORN WITH BACKYARD VEGETABLE GARDENING & CARABAO WITH PLOW DISTRIBUTION





## AGRICULTURE SECTOR

In 2019, the total project allocation amounted to Php 37 million of which Php 3 million was allocated for social preparation, technical training and agricultural livelihood projects. To fast-track the obligation of funds, Regional Field Office 10/ SAAD RPMSO opted to download the majority of the funds to four (4) MLGUs to conduct the procurement of interventions with close coordination with assigned SAAD Technical Staff. To secure the smooth implementation of the Program under downloading of funds, a Memorandum of Agreement between the DA-RFO 10 and each LGUs was crafted to indicate duties and responsibilities of both parties.

Since most of the projects are still on-going and for distribution within this year, a target of 973 SAAD individual farmer beneficiaries were projected to benefit with SAAD agricultural livelihood projects.





# SAAD

Table 14. Target Projects in MISAMIS OCCIDENTAL (2019)

PROJECT TITLE	LOCATION	FARMERS ASSOCIATION	NUMBER OF BENEFICIARIES	FINANCIAL ALLOCATION (Php)
<b>FY 2019</b>				
<b>BALIANGAO</b>				
INTEGRATED AGRICULTURAL LIVELIHOOD	Lumipac		30	7,447,400.00
	Mitacas		30	
	Del Pilar		30	
	Mabini		30	
	Lusot		30	
	Magsaysay		30	
<b>SUBTOTAL</b>			<b>180</b>	<b>7,447,400.00</b>
<b>BONIFACIO</b>				
CARABAO PRODUCTION	Mapurog		45	3,723,700.00
	Buenavista		45	
SWINE PRODUCTION	Kanao-kanao		45	3,723,700.00
	Fernan		45	
<b>SUBTOTAL</b>			<b>180</b>	<b>7,447,400.00</b>
<b>CONCEPCION</b>				
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT: CORN PRODUCTION WITH DRAFT ANIMAL AND PLOW, VEGETABLE PRODUCTION, AND ENHANCED ABACA PRODUCTION	Poblacion		45	7,447,400.00
	Capule		25	
	Small Potongan		25	
	Layaan		25	
	Guiban		40	
	Virayan		40	
<b>SUBTOTAL</b>			<b>200</b>	<b>7,447,400.00</b>

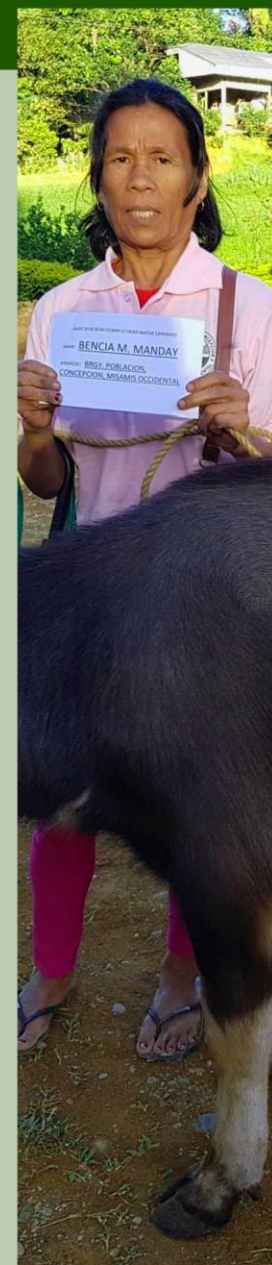
<b>PANAON</b>				
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT: CORN PRODUCTION; HIGH VALUE CROPS; LIVESTOCK AND POULTRY PRODUCTION	Salimpono		10	7,447,400.00
	Magsaysay		10	
	Bangko		20	
	San Juan		15	
	Baga		20	
	Villalin		10	
	San Roque		20	
	Poblacion		10	
	Map-an		10	
	Mohon		10	
	Camanucan		15	
	San Andres		10	
	Punta		10	
	Lutao		10	
	Sumasap		10	
	Delapaz		10	
<b>SUBTOTAL</b>			<b>200</b>	<b>7,447,400.00</b>
<b>SAPANG DALAGA</b>				
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT: CORN WITH BACKYARD VEGETABLE GARDENING AND CARABAO WITH PLOW DISTRIBUTION	Sinaad		25	7,447,400.00
	Disoy		20	
	Napilan		20	
	Locus		10	
	Sepac		20	
	Guinabut		20	
	San Agustin		5	
	Masubong		10	
	Lower Bautista		30	
	Upper Bautista		30	
	Ventura		25	
	Sapang Ama		5	





cont. Table 14. Target Projects in Misamis Occidental (2019)

PANAON				
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECT: CORN WITH BACKYARD VEGETABLE GARDENING AND CARABAO WITH PLOW DISTRIBUTION	Dasa		13	
	Bitibut		10	
	Salimpunon		10	
	Medallo		5	
	Boundary		5	
	Poblacion (Tabinas)		5	
	Dalumpinas		5	
	Sixto Velez		5	
	Capundag		5	
<b>SUBTOTAL</b>			<b>283</b>	<b>7,447,400.00</b>
<b>GRAND TOTAL</b>			<b>1,043</b>	<b>37,237,000.00</b>





# FISHERY PROFILE

Misamis Occidental is a major contributor to fisheries production in Region 10. It has a total of 24,126 registered fisherfolk under FishR Registry and 3,655 municipal fishing boats under BoatR Registry. Blessed with vast potential production area for capture fisheries and aquaculture, production of fisheries in the province comes from various sectors.

Misamis Occidental is a major contributor to fisheries production in Region 10. It has a total of 24,126 registered fisherfolk under FishR Registry and 3,655 municipal fishing boats under BoatR Registry. Blessed with vast potential production area for capture fisheries and aquaculture, production of fisheries in the province comes from various sectors.

Based on PSA Data in 2017 and 2018, fisheries production in Misamis Occidental mainly comes from three sectors: aquaculture, commercial fisheries and municipal sectors, which the municipal sector is composed of two subsectors; the municipal and inland fisheries.

Aquaculture sector is the top producer grossing 17.9 MT in 2017 and 16.9 MT in 2018, with milkfish, mud crab and tiger prawn as the top three commodities. It is followed by the municipal fisheries sector with 17.7 MT in 2017 and 17.0 MT in 2018 with sardines, frigate tuna, and squid as the top three commodities. The commercial fisheries sector also contributed 14.8 MT in 2017 and 13.6 MT in 2018.

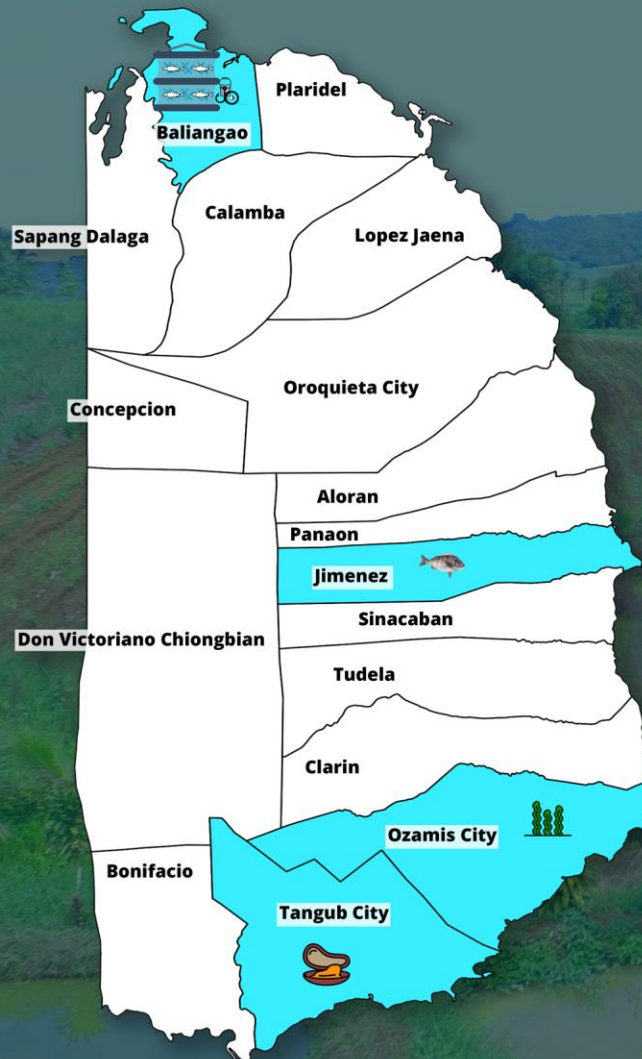
## FISHERY SECTOR

The province of Misamis Occidental was funded **Php 10 million** in 2019 benefited by 6 fisherfolk groups and 170 individuals from the municipalities of Jimenez, Baliangao, Ozamiz City and Tangub City for the SAAD program implementation in order to respond the plea in alleviating the poverty incidence on the said municipality.

A total of 37 livelihood projects were provided to the province.



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## BFAR-SAAD MISAMIS OCCIDENTAL Map of Interventions

2019



SEAWEED CULTURE



SHELLFISH GARDENING  
PROJECT



CULTURE & MARKETING /  
TRADING OF GET / BEST  
TILAPIA LIVELIHOOD PROJECT



BANGUS CULTURE IN MARINE  
FISH CAGE, PROVISION OF  
FISHING GEAR  
PARAPHERNALIA





Table 15. BFAR-SAAD Projects Implemented in Misamis Occidental in 2019

MUNICIPALITY	PROJECT	LOCATION	GROUP	NO. OF BENEFICIARIES	AMOUNT (Php)
FY 2019					
Ozamiz City	SEAWEED CULTURE PROJECT	Carmen Annex	2	25	3,642,500.00
	SEAWEED CULTURE PROJECT	Pulot	2	25	3,642,500.00
Tangub City	SHELLFISH GARDENING PROJECT CULTURE OF BROWN MUSSELS	San Apo	1	30	1,489,500.00
	SHELLFISH GARDENING PROJECT CULTURE OF BROWN MUSSELS				
Jimenez City	CULTURE AND MARKETING /TRADING OF GET/ BEST TILAPIA LIVELIHOOD PROJECT	Mialem	1	30	1,222,000.00
		Carmen			
Baliangao	BANGUS CULTURE IN MARINE FISH CAGE	Punta Miray	1	30	2,400,000.00
	PROVISION OF FISHING GEAR PARAPHERNALIA	Punta Miray	1	30	
<b>TOTAL</b>			<b>6</b>	<b>170</b>	<b>8,754,000.00</b>







# MISAMIS OCCIDENTAL SUCCESS STORIES





# MARK BALABA'S ROAD TO BE AN EGG SUPPLIER

## MARK ANTHONY P. BALABA



Location: **Panaon, Misamis Occidental**  
Project: **Egg Production Project**  
Cost: **Php 33,793.00**

## BACKGROUND

Thirty-one-year-old Mr. Mark Anthony P. Balaba is an undergraduate of Bachelor of Science in Agriculture at Jose Rizal Memorial State University in Dapitan City. His family's financial incapacity led him to leave school.

Mr. Balaba's parents and two older brothers are all minimum wage workers. Their salaries are just enough to meet their everyday needs.

For a long time, Mr. Balaba has been a houseboy, in charge of the basic chores. He tried working in Cagayan de Oro City, which is five hours away from his hometown, to help his family financially. However, he was too homesick that opted to quit as a houseboy.

In 2019, staff from the Department of Agriculture (DA) Region 10 reached the province of Misamis Occidental to introduce the Special Area for Agricultural Development (SAAD) Program, which mainly covers the remote areas not covered by regular programs of DA.

Five municipalities were selected as recipients of the program, which are Baliangao, Bonifacio, Concepcion, Sapang Dalaga, and Panaon. Every municipality has 60 beneficiaries to be provided with agricultural livelihood interventions, and one of them is Mr. Balaba.

Prior to the distribution, Mr. Balaba and the other beneficiaries underwent a three-day training on ready-to-lay (RTL) chicken production, feed formulation, and marketing strategies for agricultural enterprise, conducted by the municipality's Livestock Technician Mr. Miguel Cos.

The series of training is essential as it equipped the beneficiaries with proper knowledge to sustain and manage the livelihood project.



## PROJECT IMPLEMENTATION

On December 11, 2019, Panaon was granted the Egg Production Project. Sixty (60) farmer-beneficiaries, including Mr. Balaba, each received 20 RTL chickens.

Mr. Balaba raised the chickens in clean cages in his backyard. He took care of them with the help of his mother. It has become his daily routine tending the chickens.

He normally wakes up at 6 am to feed the chickens and clean the cage. By 3 pm, he would again feed the chickens and give them vitamins. His day would end by re-cleaning the cage at 6 pm.

### Risk Mitigation

Poultry lice and mites' infestation are common challenges in raising RTL chickens. Having agricultural knowledge, Mark is no stranger to the problem. He bathes the chickens once a month and inspects them frequently to make sure they are healthy and clean.

Aside from making sure his chickens are lice and mites-free, he regularly inspects their cages for any damages and keeps track of their feeds for replenishment. His chicken's health is Mark's top priority.

## RESULTS

It didn't take long for the chickens to start laying eggs. In February 2020, two months after the turn-over, Mr. Balaba started to harvest eggs. He was able to gather an average of 17 eggs a day.

The eggs were marketed locally. His neighbors even ordered several trays ahead of time.

Table 16. Mr. Balaba's January to May 2020 Harvest

MONTH	TOTAL EGGS GATHERED (PCS)	TOTAL SALES (PHP)
JANUARY	867	4,335.00
FEBRUARY	493	2,624.00
MARCH	527	2,800.00
APRIL	510	2,550.00
MAY	527	2,861.00
<b>TOTAL</b>	<b>2,924</b>	<b>15,170.00</b>

As of May 2020, Mr. Balaba was able to gather 2,924 eggs sold at Php 5/pc. He has a total income of Php 15,170.00, which he used to pay off his debts and buy chicken feeds, vitamins, and other materials needed for the sustainability of the project. His mother helps him in recording his daily sales.

## PLANS

Mr. Balaba plans to expand his project by adding 10 more chickens before 2020 ends. Aside from that, he also wants to venture into other aspects of farming, such as establishing his own backyard garden. He is excited to receive more interventions from SAAD such as garden tools, high-value crop seedlings, and fertilizers. He plans to let his backyard garden grow and turn it into a full-time business.

As an out-of-school youth, he also hopes to finish his Agriculture course. "This project inspired me to find my way back to college," he shared.





# LANAO DEL SUR

## PROVINCIAL PROFILE

### PHYSICAL PROFILE

Lanao del Sur is a landlocked province with a total population of 1,045,429 individuals or 1,038,883 household population (PSA, 2015 census). The province voted to be part of the newly-constituted Bangsamoro Autonomous Region in Muslim Mindanao (BARMM) last 2019.

It is bounded by Bukidnon on the east, Maguindanao and North Cotabato on the south, Illana Bay on west and the Province of Lanao del Norte on northwest. Lanao del Sur has a total land area of 1,337,524 hectares of which 140,111 hectares are areas of farms being utilized.

The province is divided into two congressional districts and composed of 39 municipalities and 1,159 Barangays. The Islamic City of Marawi, the province's business center and provincial capital.

Lanao del Sur nestled in the hinterland of Mindanao at an elevation of 702 meters above sea level. The province is enclosed within the Bukidnon-Lanao highland areas. Its landscape is mainly characterized by rolling hills and valleys, placid lakes and rivers. The province occupies an extensive plateau of North Central Mindanao surrounding the basin of Lake Lanao.





## POVERTY SITUATION

Lanao del Sur is a poverty-stricken province. According to PSA 2018, Lanao del Sur recorded a poverty incidence among families of 64.2% from 72.4% in 2015. It made a slight decrease of 8.2%. Families in Lanao del Sur are the poorest in the entire BARMM and in the entire country.

Internal conflict aggravates the poverty situation in Lanao del Sur (Ordinario, Business Mirror 2017). Security issues are arguably one of the leading, if not the primary cause of economic backslide in the province. The recent Marawi Siege for example, ends in mass destruction and community devastation impeding social order and the economy of the province.

Considering Lanao del Sur's agricultural potential, agricultural intervention and assistance are considerable and essential mediation to improve the socio-economic situation of Lanao del Sur populace. At the very least, agricultural assistance accorded to the people in the province enables them to serve adequate foods on family tables. In terms of the poverty incidence situation in Lanao del Sur, the municipality of Tagoloan II at 78.2% has the highest poverty incidence while municipality of Wao at 45.4% has the lowest.



## AGRICULTURE PROFILE

Having a well-suited climate and extensively arable land Lanao del Sur is a highly potential agricultural province. The province is known for producing palay, corn, coconut, sugarcane, banana and cassava. Moreover, the province also has a growing inventory of livestock such as carabao, cattle, goat, duck and chicken.





## AGRICULTURE SECTOR

In 2017, SAAD Program started its implementation in the province of Lanao del Sur through its implementing region, the DA Regional Office 10. While the province is outside the jurisdiction of DA 10, the province is placed under DA-SAAD 10 due to its proximity to Northern Mindanao.

Sixteen (16) municipalities in Lanao del Sur were chosen as SAAD Program covered areas namely; Amai Manabilang, Bacolod Kalawi, Buadipuso Buntong, Butig, Calanogas, Kapatagan, Lumbaca Unayan, Madalum, Madamba, Malabang, Marantao, Marogong, Masiu, Pagayawan, Sultan Dumalondong, and Tubaran. In 2018, another six (6) new municipalities were covered as follows, municipality of Bayang, Bubong, Kapai, Lumbatan, Marawi City and Piagapo.

In 2017, with a budget allocation of **Php 57.6 million**, the provided agricultural livelihood projects for 3,548 individual farmer beneficiaries were mostly Rice, Corn, High Value Crops, Livestock and Poultry related projects. For 2018, additional 6 municipalities were included with **Php 23.3 million** worth of agricultural livelihood projects for 328 individual farmer beneficiaries.





Table 17.1. Projects Implemented in Lanao del Sur (2017)

PROJECT TITLE	LOCATION	NUMBER OF BENEFICIARIES	FINANCIAL ALLOCATION (Php)
<b>FY 2017</b>			
<b>BALIANGAO</b>			
<b>BARANGAY-BASED CORN FARMING WITH VEGETABLE PRODUCTION</b>	Aparfort	11	4,050,470.00
	Bagumbayan	10	
	Bandara Ingud	10	
	Comara	10	
	Francfort	21	
	Lambanogan	5	
	Lico	9	
	Mansilano	15	
	Natangcopan	9	
	Pagalamatan	11	
	Pagonayan	13	
	Piagma	18	
	Punud	14	
	Ranao-Ibaning	10	
	Salam	11	
	Siguan	2	
	Sumugot	14	
<b>SUBTOTAL</b>		<b>193</b>	<b>4,050,470.00</b>

<b>BALIANGAO</b>			
<b>LIVELIHOOD ENHANCEMENT THRU IMPROVED LIVESTOCK AND POULTRY PRODUCTION</b>	Ampao	2	1,336,765.00
	Balut	5	
	Barua	9	
	Buadiawani	1	
	Bubong	9	
	Bago A Ingud	2	
	Balt	5	
	Daromoyod	10	
	Dilabayan	2	
	Gandamato	5	
	Gurain	10	
	Ilian	6	
	Madanding	26	
	Orong	15	
	Pindolonan	13	
	Poblacion	3	
	Poblacion 2	4	
	Sugod	1	
	Raya	20	
	Tambo	2	
<b>SUBTOTAL</b>		<b>150</b>	<b>1,336,765.00</b>
<b>BUADIPUSO BUNTONG</b>			
<b>LOWLAND RICE FARMING WITH VEGETABLE PRODUCTION</b>	Dansalan	5	2,663,794.00
	Tarik	5	
	Catogonan	5	
	Cadayonan	5	
	Bubong	4	
	Bangon Proper	5	
	Bangon-1	4	





# SAAD

cont. Table 17.1. Projects Implemented in Lanao del Sur (2017)

LOWLAND RICE FARMING WITH VEGETABLE PRODUCTION	Lilod	5	2,663,794.00
	Buadipuso Proper	5	
	Gata	5	
	Lumbatan Manacab	6	
	Manacab Poblacion	4	
	Minangga	6	
	Buntong proper	10	
	Raya buntong	6	
	Dirisan	5	
	Tangcal	4	
	Raya Buadipuso	5	
	Datu Tambara	5	
	Tuca	5	
	Pendulunan	5	
	Bacolod	5	
	Lunduban	5	
	East Ragindingan	5	
	West Ragindingan	5	
	Ragondingan Boto	5	
	Paling	5	
	Pualas	5	
	Kalakala	5	
	Lumbatan Pata Ingud	5	
SUBTOTAL		154	2,663,794.00

BUTIG			
CORN PRODUCTION WITH RICE PRODUCTION	Cabasaran	28	14,048,683.00
	Butig Proper	51	
	Sundig	85	
	Dolongan	40	
	Malungun	25	
	Pindulunan	1	
	Sandab	332	
	Bayabao	268	
	Raya Timbab	130	
SUBTOTAL		960	14,048,683.00
CALANOGAS			
CORN ENHANCEMENT PROJECT	Calalanoan	15	3,273,310.00
	Inoma	15	
	Tagoranao	15	
	Mimbalawag	15	
	Pagalongan	15	
	Bubongaranao	15	
	Pindolonan	15	
	Panggawalupa	15	
	Tambak	15	
	Taliboboka	15	
	Panud	15	
	Ngingir	15	
	Inudaran	15	
	Gas	15	
	Luguna	15	
	Pantaon	15	
	Piksan	15	
SUBTOTAL		255	3,273,310.00
KAPATAGAN			
INTEGRATED RICE AND CORN ENHANCEMENT PROJECT	Daguan	30	3,278,500.00
	Tabuan	30	
SUBTOTAL		60	3,278,500.00





# SAAD

cont. Table 17.1. Projects Implemented in Lanao del Sur (2017)

LUMBACA UNAYAN			
CORN PRODUCTION PROJECT	Proper Beta	20	2,622,000.00
	Bangon	5	
	Calipapa	5	
	Lumbac	10	
	Oriental Beta	1	
	Dimapaok	5	
	Tringun	20	
	Poblacion	25	
	Dilausan		
<b>SUBTOTAL</b>		<b>91</b>	<b>2,622,000.00</b>
MADALUM			
DIVERSIFIED FARMING (CORN, VEGETABLE, LIVESTOCK)	Dilausan	30	2,426,040.00
	Linuk	30	
	Bato	59	
	Sugod	30	
<b>SUBTOTAL</b>		<b>149</b>	<b>2,426,040.00</b>
MALABANG			
SUSTAINABLE CORN FARMING PRODUCTION	Balagunun	10	3,090,000.00
	Balintad	10	
	Bawang	10	
	Biabe	10	
	Bubong Uyaan	10	
	Cabasaran	10	
	Dibarusan	10	
	Ilian	10	
	Lakitan	10	
	Liangn	10	

SUSTAINABLE CORN FARMING PRODUCTION	Linuk	10	3,090,000.00
	Lumbaca Ingud	10	
	Poblacion	10	
	Madamba	10	
	Pagayonan	10	
	Palao	10	
	Pangadapun	10	
	Pantaon	10	
	Pantar	10	
	Punud	10	
	Tabaran	10	
	Tambo	10	
	Tuca	10	
	Tulay	10	
	Uya-an proper	10	
<b>SUBTOTAL</b>		<b>240</b>	<b>3,090,000.00</b>
MALABANG			
INTEGRATED HIGH VALUE CROPS AND CORN PRODUCTION ASSISTANCE	Madaya	30	3,858,410.00
	Tambara	30	
	Tubok	30	
	Cabasaran	30	
	Boniga	30	
	Diamaro	30	
	Macuranding	30	
	Tiongcop	30	
<b>SUBTOTAL</b>		<b>240</b>	<b>3,858,410.00</b>
MARANTAO			
CORN PRODUCTION ASSISTANCE	Lubo Lininding	15	3,768,000.00
	Lumbac Kialdan	15	
	Kialdan Proper	15	
	Lumbac Maul	15	
	Mantapoli Kialdan	15	
	Inudaran Lumbac	15	
	Tuca Kialdan	15	





cont. Table 17.1. Projects Implemented in Lanao del Sur (2017)

CORN PRODUCTION PROJECT	Daanaingud	15	3,768,000.00
	Pantaimas Kialdan	15	
	Pindulunan	15	
	Dialongana	15	
	Kalaw	15	
	Poblacion	15	
<b>SUBTOTAL</b>		<b>195</b>	
<b>MAROGONG</b>			
SUSTAINABLE CORN FARMING PRODUCTION	Bagumbayan	8	3,325,228.00
	Balut	11	
	Bitayan	10	
	Bonga	9	
	Bolawan	10	
	Cabasaran	10	
	Cadayonan	10	
	Cahera	10	
	Cairantana	9	
	Calumbog	9	
	Canibongan	11	
	Diragun	9	
	Marogong East	17	
	Mantailoco	9	
	Mapantao	10	
	Mayaman	13	

SUSTAINABLE CORN FARMING PRODUCTION	Pabrica	10	3,325,228.00
	Paigoay Coda	7	
	Pasayanun	10	
	Piangologan (Lilimo)	10	
	Marogong Proper (Poblacion)	12	
	Puracan	10	
	Romagondong	9	
	Sarang	11	
<b>SUBTOTAL</b>		<b>244</b>	
<b>MASIU</b>			
CORN PRODUCTION PROJECT	Gondarangin Asa Adigao	34	2,279,000.00
	Ampua Lakadun	40	
	Casim Lumbaca Ingud	40	
<b>SUBTOTAL</b>		<b>114</b>	<b>2,279,000.00</b>
<b>PAGAYAWAN</b>			
CORN PRODUCTION SUPPORT	Ngingir (Kabasaran)	31	2,170,800.00
	Bangon (Poblacion)	36	
	Linindingan	37	
<b>SUBTOTAL</b>		<b>104</b>	<b>2,170,800.00</b>
<b>DUMALONDONG</b>			
RICE PRODUCTION ENHANCEMENT PROJECT	Lumbac	30	2,897,000.00
	Bacayawan	30	
	Tagoranao	30	
	Pagalungan	30	
	Dinganun-guilopa	30	
	Somalindao	30	
	Malalis	30	
<b>SUBTOTAL</b>		<b>210</b>	<b>2,897,000.00</b>





cont. Table 17.1. Projects Implemented in Lanao del Sur (2017)

TUBARAN			
CORN PRODUCTION INPUTS	Alog	10	2,527,000.00
	Baguiangan	11	
	Beta	10	
	Buribed	10	
	Campo	10	
	Datu Manong	9	
	Dinaigan	10	
	Gadongan	10	
	Gaput	8	
	Guiarong	1	
	Madaya	10	
	Matiticop	13	
	Mindamdag	10	
	Pagalamatan	9	
	Paigoay	10	
	Polo	10	
	Riyantaran	11	
	Tangcal	10	
	Tubaran Proper	8	
	Wago	9	
<b>SUBTOTAL</b>		<b>189</b>	<b>2,527,000.00</b>
<b>GRAND TOTAL</b>		<b>3,548</b>	<b>57,615,000.00</b>







Table 17.2. Projects Implemented in Lanao del Sur (2018)

PROJECT TITLE	LOCATION	NUMBER OF BENEFICIARIES	FINANCIAL ALLOCATION (Php)
<b>FY 2018</b>			
<b>BAYANG</b>			
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECTS (CORN, HVC AND LAYER CHICKEN)	Sultan Pandapatan	25	3,998,098.55
	Parao	25	
<b>SUBTOTAL</b>		<b>50</b>	<b>3,998,098.55</b>
<b>BUBONG</b>			
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECTS (CORN, HVC AND LAYER CHICKEN)	Dimapatoy	25	3,964,982.66
	Rogero	25	
<b>SUBTOTAL</b>		<b>50</b>	<b>3,964,982.66</b>
<b>LUMBATAN</b>			
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECTS (CORN, HVC AND LAYER CHICKEN)	Madaya	25	3,877,556.70
	Alog	25	
<b>SUBTOTAL</b>		<b>50</b>	<b>3,877,556.70</b>
<b>MARAWI CITY</b>			
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECTS (CORN, HVC AND LAYER CHICKEN)	Patani	39	3,827,455.18
	Sugod	39	
<b>SUBTOTAL</b>		<b>78</b>	<b>3,827,455.18</b>

<b>TUBARAN</b>			
INTEGRATED AGRICULTURAL LIVELIHOOD PROJECTS (CORN, HVC AND LAYER CHICKEN)	Katumbakan	25	3,751,663.33
	Mentring	25	
<b>SUBTOTAL</b>		<b>50</b>	<b>3,751,663.33</b>
<b>GRAND TOTAL</b>		<b>328</b>	<b>23,345,000.00</b>





# SAAD NOR MIN LAYS FIRST GROUND IN LANAO DEL SUR

When the Special Area for Agricultural Development (SAAD) Program of the Department of Agriculture (DA) was institutionalized in 2017, the DA-Region 10 in Northern Mindanao first implemented the program in its adopted province – Lanao del Sur, as the pilot site covering 16 municipalities in 2017 and 6 municipalities more in 2018.

The province was chosen due to high poverty incidence among the Meranaw families. In 2015 the PSA reported 66.3% poverty incidence among families, the highest in the Autonomous Region in Muslim Mindanao (ARMM) region and in the entire country.

Lanao del Sur was granted a total of Php 80.960 million worth of agri-livelihood projects for crops and livestock production, benefiting a total of 3,876 marginalized farmers.

Following the onslaught of the Marawi Siege, DA-Region 10's proximity to Lanao del Sur eased the mobilization of immediate post-siege agricultural interventions.

SAAD Region 10 supported the Philippine Army's "Seed the Future Program" - a rehabilitation project to address food security and provide job opportunities to economically displaced Meranaws after the siege.

Through the Joint Task Force Lanao, SAAD provided Php 1.05 million worth of production inputs, farm and garden tools, and agricultural machineries and equipment to the army.

In 2019, SAAD intervention was turned-over to the ARMM, which was later on renamed as Bangsamoro Autonomous Region in Muslim Mindanao (BARMM) in 2019.

Due to the COVID-19 pandemic, the province was placed under strict lockdown. Consequently, the delivery of remaining interventions was temporarily put on hold. The projects include the provision of organic fertilizer, ready-to-lay chicken, and chicken feeds. The delivery will ensue as soon as the program will be given entry access to the province.



# SAAD 10 REFOCUSSES **PHP 11.2 M FUND** AS COVID-19 MITIGATING ACTION - **RESPONSE**

In response to the government's Bayanihan to Heal As One Act and in support to DA's Plant Plant Plant and Raise Raise Raise Programs, SAAD-Region 10 reprogrammed Php 11.2 million of its appropriated fund for emergency procurement of COVID-19 interventions and assistance to SAAD beneficiaries in Northern Mindanao.

SAAD-10 discontinued less-essential programs, projects and activities to prioritize the procurement of basic production inputs for crops and livestock establishment.

"As the COVID-19 pandemic remains a major public concern, we should aim for food security. With this we need to reprogram some of our projects and activities prioritizing ones that can practically help our SAAD farmers be productive amid the crisis" said SAAD-10 Focal Person, Audy G. Maagad.

Among SAAD-10 priority COVID-mitigating projects include the procurement of farm inputs and garden implements, poultry and poultry feed and vegetable seeds.

[1,125 packs sweet corn seeds; 2,500 bags organic fertilizer; 150 bags urea; 580 bags complete fertilizer; 360 units knapsack sprayer; 360 pieces plastic drum; 565 heads ready-to-breed, male, free range chicken; 2,830 heads ready-to-lay, female free range chicken; 600 bags chicken grower feed; 600 bags cracked corn; 10,000 packs pinakbet vegetable seeds, 2,500 sinigang vegetable seeds and 2,500 chopsuey vegetable seeds]

"Having provided the needed farm inputs, our farmers will significantly contribute to increase the food production and food supply in the region as we are facing this pandemic" Maagad furthered.

Prior to fund reprogramming SAAD-10 already distributed 5,250 packs of assorted vegetable seeds as immediate COVID-19 response measure.

The initiative benefitted numerous farmer-beneficiaries, LGUs, armed forces such the Philippine National Police, Philippine Army and other frontliners in Bukidnon, Lanao del Norte and Misamis Occidental.





# NORTHERN MINDANAO

## updates

Table 18. SAAD Northern Mindanao Updates (2020)

PROJECT TITLE	LOCATION	NUMBER OF BENEFICIARIES	APRIL		
<b>JANUARY</b>			<b>WHOLE MONTH</b>	POC, Bukidnon, LDN, Misamis Occidental	Assist in the issuance of Foodlane Pass
16-JAN-20	Panaon, Misamis Occidental	Turn-over of 30 swine/40 cattle (1,481,000)		DA RFO 10	Distribution of vegetable seeds to Philippine Army
21-JAN-20	Baliangao, Misamis Occidental	Turn-over of garden tools (971,441)		DA RFO 10	Distribution of vegetable seeds for ALPAS COVID-19
21-JAN-20	Concepcion, Misamis Occidental	Turn-over of 24 carabaos (720,000)			
<b>FEBRUARY</b>			<b>MAY</b>		
FEBRUARY 4-6, 2020	Chali Beach Resort, CDO	SAAD Assessment and Planning Workshop	06-MAY-20	Sapang Dalaga, Misamis Occidental	Turn-over of 21 carabaos (585,900)
FEBRUARY 19-21, 2020	Matungao, Lanao del Norte	Training courses on vegetable, sweet corn and poultry production	MAY 5-8, 2020	Matungao, Lanao del Norte	Turn-over of garden tools (808,200)
20-FEB-20	Panaon, Misamis Occidental	Turn-over of garden tools (2,004,000)	MAY 7-8, 2020	Linamon, Lanao del Norte	Turn-over of 74 cattle (2,116,400)
<b>MARCH</b>			11-MAY-20	Munai, Lanao del Norte	Turn-over of machineries (Rice Combine Harvester, 35HP Kubota Mini 4wd Tractor, 100 HP McCormick 4WD Tractor)
MARCH 4-6, 2020	Concepcion, Misamis Occidental	Turn-over of integrated livelihood project (2,600,000)	21-MAY-20	Talakag, Lantapan	Turn-over of corn mechanical sheller and rice combine harvester
04-MAR-20	Tangcal, Lanao del Norte	Distribution of UPL Rice Seeds and Durian Seeds	28-MAY-20	Kitaotao, Bukidnon	Turn-over of 10 carabao and 10 goats (346,000)
MARCH 11-12, 2020	Bonifacio, Misamis Occidental	Turn-over 34 swine and 18 carabaos (1,125,000)			





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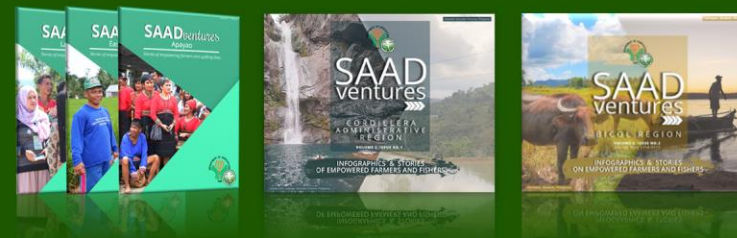
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## SAADventures past issues

SAADventures is a monthly magazine-type publication featuring each Regional Special Area for Agricultural Development Program Province's implementation as well as infographics and stories of empowered farmers and fisherfolks (individual or association).



available at <http://saad.da.gov.ph/>



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# DA-SAAD Northern Mindanao



ALPAS COVID-19 SEED DISTRIBUTION



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