



Implementation of Upgraded Consultancy Services for MSMEs thru Consultancy for Agricultural Productivity Enhancement (CAPE) Program in Region12

FINAL REPORT

1. Name of Farm/Location: Bischick Coconut Farm
Address : Purok Mainuswagon, Brgy. Poblacion, Tampakan, South Cotabato

2. Brief Description of the Farm:

The farm has a total land area of 1.5 hectares situated at Purok Mainuswagon, Brgy. Poblacion, Tampakan, South Cotabato (Figure 1). It was purchased in December 2020 and started to establish the heritage chicken production in the middle of 2021. The farm is owned by Ms. Charito Ansagay from General Santos City where she currently works as field reporter of ABS-CBN Regional Network in SOCCSKSARGEN Region.

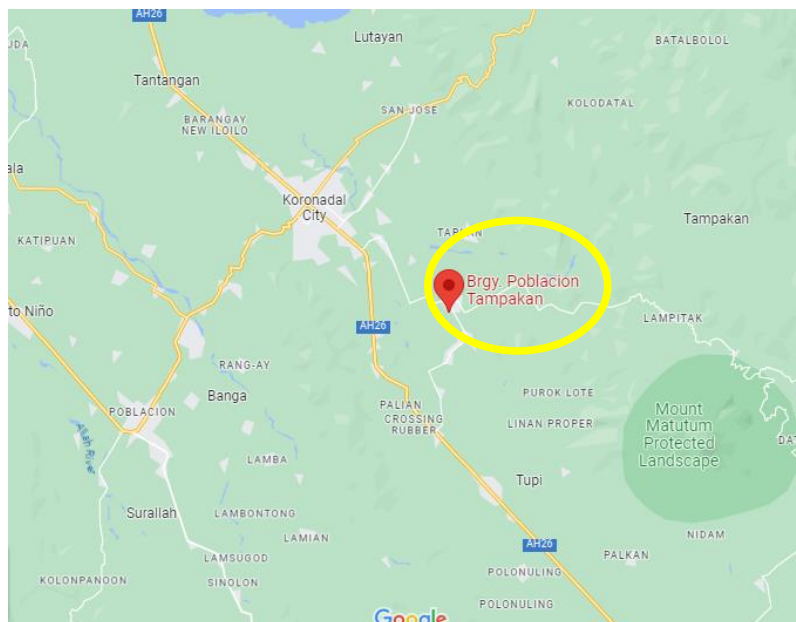


Figure 1. The estimated location of the Bischick Coconut farm at Purok Mainuswagon, Brgy. Poblacion, Tampakan, South Cotabato as specified by the yellow circle.



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The farm has a sloping terrain with an estimated elevation of 450 feet above sea level (ASL). Its location is suitable for propagating fruit trees and in raising livestock and poultry animals. The farm is planted with approximately 190 hills of coconut, and other fruit tree like mangosteen, jackfruit, durian, marang, lanzones, santol, vegetables and dragon fruit. The farm has also the following animal stocks namely rabbit, goat, heritage fancy, and improved chickens.

It was also before the pandemic and prior to the inflection of severe coryza to the chickens, the farm produces heritage chicken (eggs, breeder and for dressing). It has never been a problem to the owner to market her produced chickens. Lastly, the owner is currently processing the application of the farm as one of the Learning Site for Agriculture (LSA).



1. Technical Problems Encountered by Farm Beneficiary.

1. No established forage area as primary source of feed for goat and rabbit, and supplementary feed for chicken.
2. Poor implementation of proper and regular herd health program (vaccination, deworming, vit administration, etc.).
3. No vaccination program for poultry resulted to mortality of chickens.
4. Incidence of New Castle Disease (NCD).
5. Improper waste disposal management and sanitation practices.
6. No implementation of biosecurity measures

2. CAPE Interventions

1. Provided one on one technical advisory on proper nutrition, feeding and breeding program for chicken and goat.
2. Provided forage planting materials for the establishment of forage production area for poultry and ruminants.
3. Provided a copy of vaccination program and disease preventive measures and treatment to chicken and ruminants.
4. Provided one on one technical advisory on proper sanitation practices such as regular cleaning and regular removal of manure, disinfection, and preventive measures to maintain cleanliness of the farm and its perimeter to avoid disease infestation.
5. Provided one on one technical advisory on proper implementation, protocol, and importance of biosecurity measures in the farm.
6. Provided one on one lecture on the basics of animal husbandry practices including care and maintenance activities of the animals considering the ease and comfort of animals.

3. Accomplishments as against interventions

Interventions	Accomplishments
<p>A. Nutrition, Feeding, and Breeding</p> <ul style="list-style-type: none"> • Provided one on one technical advisory on proper nutrition, feeding and breeding program for chicken and goat. 	<ul style="list-style-type: none"> ▪ Capacitated the farm owner and farm workers on poultry and goat production in terms of animal nutrition, feeding and breeding management. ▪ The farm has already access to



<ul style="list-style-type: none"> • Provided forage planting materials for the establishment of forage production area for poultry and ruminants 	<p>planting materials (improved grasses and leguminous plants) to be used as supplementary feeding to chickens and ruminants.</p>
<p>B. Flock and Herd Health Management, Biosecurity, and Sanitation Practices</p>	
<ul style="list-style-type: none"> • Provided a copy of vaccination program and disease preventive measures and treatment to chicken and ruminants. • Provided one on one technical advisory on proper sanitation practices such as regular cleaning and regular removal of manure, disinfection, and preventive measures to maintain cleanliness of the farm and its perimeter to avoid disease infestation. • Provided one on one technical advisory on proper implementation, protocol, and importance of biosecurity measures in the farm. 	<ul style="list-style-type: none"> ▪ Capacitated the farm owner and farm workers on flock and herd health management, sanitation, biosecurity measures, vaccination program, and waste disposal management.
<p>C. General Husbandry Practices/Animal Welfare</p>	
<ul style="list-style-type: none"> • Provided one on one lecture on the basics of animal husbandry practices including care and maintenance activities of the animals considering the ease and comfort of animals. 	<ul style="list-style-type: none"> • Capacitated the farm owner and farm workers on proper and sound husbandry practices ensuring the proper welfare of the animals.



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4. Cost and return analyses before and after CAPE interventions Partial Budget Analysis

- In the past years, the farm has dealt with severe infestation of New Castle Disease in chicken. Hence, their production has reduced, and the market has been significantly affected. Also, due to lack of feeding material, primarily improved grasses, that farm has unable to increase their goat production.
- Moreover, the farm has opted to apply as Learning Site for Agriculture (LSA) with the assistance of Department of Agriculture - Agricultural Training Institute (DA-ATI) which has been approved and inaugurated in the previous months. At present, the farm is concentrating on the establishment of its forage production area to support the daily feed requirements of the animals.

5. Impact of CAPE interventions (income production volume farm operation etc.)

1. Significant reduction of production cost due to the intervention of the project in terms of its accessibility of improved grasses for livestock and poultry production.
2. Improved overall poultry and goat production management practices of the farm.
3. Improved biosecurity, farm waste management animal welfare and farm waste management

3. Comments/recommendations to ensure continuous adoption of yield increasing technologies

1. Establishment and intensification of the forage production area of improved grasses and leguminous plants.
2. Proper implementation of alternative feeding and supplementation practices to chicken, goat, and rabbit.
3. Strictly observe biosecurity measures in the farm.
4. Observe and maintain proper management practices in the farm.
5. Establishment of natural wind breaker along the perimeter area of the farm to reduce foul odor coming from the slaughter house adjacent to the farm.



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4. Pictures before and after CAPE interventions

Status of the farm before the intervention



Figure 2. The landscape and crops planted in the farm.



Figure 3. Existing chicken house (left) and brooder cage (right).



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Figure 4. Existing duck house (left) and goat house (right).



Figure 4. Existing rabbit house and cages.



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Activities during the intervention:



Figure 5. Loading of forage planting materials (Super Napier cuttings) for the establishment of forage production area of Bischick Coconut Farm at Brgy Mainuswagon, Poblacion, Tampakan, South Cotabato.



Figure 6. Unloading of forage planting materials (Sweet Napier, Trichanthera, Indigofera, Rensonii seedlings) for the establishment of forage production area of Bischick Coconut Farm at Brgy Mainuswagon, Poblacion, Tampakan, South Cotabato.



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Figure 7. Provision and turn-over of planting materials to Bischick Coconut Farm for the establishment and intensification of the forage production area of improved grasses and leguminous plants.



Figure 8. Newly established forage area of the farm. The area is planted with Madre de agua ang Indigofera



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Figure 9. Implementation of biosecurity measures in the farm.



Figure 10. Implementation of proper waste disposal/management in the farm.



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Figure 11. Bischick Coconut Farm as Learning Site for Agriculture



Figure 12. Newly established plant nursery area in the farm



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Figure 13. One on one provision of technical advice to the farm owner by Dr. Jurhamid C. Imlan, CAPE consultant.



Figure 13. One on one provision of technical advice to the farm worker by Dr. Jurhamid C. Imlan, CAPE consultant.



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5. Other supporting documents such as test results/soil analysis. Gantt chart of activities, farm layout/sketch, etc.

Health Program for Free-range Chickens

Pangangalaga sa Kalusugan ng mga Manok
Marek's vaccine against Marek's disease on Day 1.
Vaccination and health program of the birds

Age of Birds	Vaccine/Health Management	Route
7 days	NCD 8181	Eye drop
14 days	IBD Intermediate Vaccine	Drinking Water
28 days	NCD La Sota	Drinking Water
60 days	Pox Vaccine	Wing Web
120 days	NCD La Sota	Drinking Water
	Pox Vaccine	Wing Web
	Deworming	Drinking Water
One year	NCD La Sota	IM

6. Recommendations to improve the CAPE program.

1. Continue building partnership and creating collaborative efforts with academic institutions, government agencies, NGOs and other line agencies to strengthen the intervention and impact of the project to the farmer recipients.



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Conforme:

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Farm Beneficiary



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