



Report of Accomplishments

January 1 to September 30, 2021 (Preliminary)

National Dairy Authority

The National Dairy Authority, in support of the Philippine Development Plan 2017-2022 of Expanding Economic Opportunities in Agriculture, Fisheries, and Forestry and the goals of the Department of Agriculture of a food secure and resilient Philippines with prosperous farmers and fisher folks has made the following contributions through its programs and projects as of September 30, 2021.

DAIRY INDUSTRY DEVELOPMENT PROGRAM

This is the overarching program that aims to develop the local dairy industry through policy direction, program coordination and implementation towards the enhanced growth and competitiveness of the Philippine dairy sector, specifically to improve livelihood opportunities and thereby increase incomes of small rural-based dairy farmers, to contribute to food security and to provide safe, quality milk products and proper nutrition for consumers. Under this program are various sub-programs like Herd Build-Up, Dairy Enterprise Development/Enhancement, Milk Quality Assurance, and the Milk Feeding Program.

Program Coverage:

- Provinces: 64
 - ❖ **Northern Luzon** - Benguet, Mountain Province, Ilocos Norte, Ilocos Sur, La Union, Pangasinan, Batanes, Cagayan, Isabela, Nueva Vizcaya, Quirino, Bulacan, Nueva Ecija, Pampanga, Tarlac, Zambales
 - ❖ **Southern Luzon** - Batangas, Cavite, Laguna, Quezon, Rizal, Oriental Mindoro, Palawan, Albay, Camarines Sur, Catanduanes, Masbate, Sorsogon
 - ❖ **Visayas** - Aklan, Antique, Capiz, Guimaras, Iloilo, Negros Occidental, Bohol, Cebu, Negros Oriental, Siquijor, Biliran, Leyte, Northern Samar, Samar, Southern Leyte
 - ❖ **Mindanao** - Zamboanga del Norte, Zamboanga del Sur, Bukidnon, Camiguin, Lanao del Norte, Misamis Occidental, Misamis Oriental, Davao de Oro, Davao del Norte, Davao del Sur, Davao Occidental, Davao Oriental, North Cotabato, Sarangani, South Cotabato, Sultan Kudarat, Agusan del Norte, Agusan del Sur, Surigao del Sur, Maguindanao, Lanao del Sur
- Municipalities - 372, Barangays - 831
- Dairy farmers: Total Members - 8,138, Farmers with animal holdings - 2,627
- Primary Cooperatives - 183; SCU, LGU and GSF - 106; Other farms/Private Farms - 428
- Total dairy entities - 717
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Program Outcomes:

1. Growth and competitiveness of the dairy sector sustained/enhanced
2. Increased livelihood opportunities and incomes in the dairy sector
3. Contribute in nutrition improvement

NDA PROGRAMS AND PROJECTS BASED ON THE ONE DA REFORM AGENDA KEY STRATEGIES

PILLAR 1: CONSOLIDATION

Strategy 1.1: Bayanihan Agri Clusters (BACs)

Farm and Fisheries Clustering and Consolidation (F2C2)

1. Key indicators for NDA-Assisted Areas

As of the third quarter of 2021, the number of dairy animal inventory is 62,568 heads in NDA monitored dairy areas. Dams and heifers is at 42,817 heads and milk production reached 14.78 million liters produced by 13,311 dairy animals on the milk line.

2. Technical Services Rendered to Improve Animal Reproduction Performance and Animal Health Condition

A total of 9,348 animals were bred from regular and upgrading as of third quarter of 2021. These breeding and upgrading activities led to the production of 6,965 calves which are potential additions to the current

dairy animal population. Animals that are tested for tuberculosis numbered to 2,914 heads, brucellosis 3,216 heads, and animals vaccinated for hemosept is 1,611 heads. Animals provided with vitamin supplements or dewormed numbered to 1,309 heads.

3. Intensified Community-Based Dairy Enterprise Development – Dairy Goat Component

As of September 2021, the project has brought in, accepted and distributed a total of 3,133 imported dairy goats (Saanen and British Alpine) distributed as follows:

AREA	NO. OF BENEFICIARY-ORGANIZATIONS	NO. OF FARMER-BENEFICIARIES	NO. OF ANIMALS		
			DOE	BUCK	TOTAL
North Luzon	12	86	1,006	47	1,053
South Luzon	6	39	375	15	390
Central Visayas	5	50	507	20	527
Northern Mindanao	9	66	500	20	520
Southern Mindanao	7	63	620	23	643
TOTAL	39	304	3,008	125	3,133

4. Dairy Expansion Program

a. Visayas

- ✓ For Maasin, Iloilo, a total of 25 heads of dairy cattle have been delivered. As of September, the herd is at 47 heads or an 88% herd growth rate.
- ✓ 12 20-liter milk cans were distributed last January 28, 2021
- ✓ NDA also linked the beneficiaries to Orchard Valley MPP, and Iloilo Living Farm for the raw milk market.
- ✓ The milk sold by the beneficiaries reached 50,632 liters valued at P1.77 million at P35.00 per liter.



b. Southern Luzon

- ✓ A total of 30 heads were distributed to three (3) cooperatives - Kakao Integrated Development for Livelihood and Transformation (KIDLAT) (10 heads), Community Multi-Purpose Cooperative (CMPC) (10 heads) and Mindoro Dairy Cooperative (10 heads). As of September, the herd stands at 112 heads or a 273% increase from the original.

c. Southern Mindanao

- ✓ **Davao de Oro** - One (1) unit of collection vehicle and 50 heads of dairy cattle were distributed to Nabunturan Farmers Multi-purpose Cooperative (NAFAMCO)
- ✓ **Marilog District, Davao City** – Nine (9) heads of dairy cattle have been distributed to Salaysay Dairy Farmers Association in Salaysay, Marilog District, Davao City. A total 22 farmers started developing its pasture, 43 more were evaluated as additional recipients.

5. Antique Dairy Development Project - The Antique Dairy Development Project is a project of Sen. Loren Legarda that aims to provide locally produced dairy animals to interested dairy farmers in Antique. Since its inception in 2016 up to the present, a total of 287 dairy animals have been procured and distributed by the project amounting to P29.17 million.

Strategy 1.3: Collective Action/Cooperatives Development

NDA Buy-back Program

1. For Preservation of Existing Local Stocks

An effective strategy to keep dairy animals for dairy purposes - for milk production and for dairy animal reproduction and not lose them to slaughter houses, was developed through the Buyback Program. With the program, the NDA procures local-born dairy animals from qualified dairy farmers who opt to sell them, these animals are then distributed to interested new and/or existing dairy farmers. As of 3rd Quarter, a total of 48 heads were bought and distributed to interested dairy farmers and cooperatives valued at Php 4.4 million.

2. For Encouraging Local Dairy Farmers as Suppliers of Dairy Animals

Through the buy-back program, local dairy farmers opt to sell their animals to NDA instead of other market. This matches the objective of creating local suppliers of dairy animals instead of waiting for costly importation by the government.

Strategy 1.4: Mobilization and Empowerment of Partners

Capability Building

With the objective to disseminate appropriate dairy technology, the NDA conducted trainings in line with the IATF guidelines, to help our farmers improve their farm productivity even during this pandemic. As of 3rd quarter 2021, a total of 1,006 farmers and extension workers have been trained in different technical and organizational aspects of dairying.

Strategy 1.6: Credit Support

Setting-up of Credit Window Facility

The NDA and the Development Bank of the Philippines (DBP) is set to enter into a supplemental agreement for the enhancement of Sustainable Agribusiness Financing Program-Dairy to streamline the loan process and introduce risk mitigants for dairy farmers. NDA will access funds from DBP which will be utilized to help the stakeholders acquire the needed inputs. The NDA and DBP will conduct Dairy market mapping and webinars for capacity building and financial literacy to aid in the successful implementation of the program.

PILLAR 2: MODERNIZATION

Strategy 2.1: Technology and Innovation including Digital Agriculture

Digitalization in terms of data storage and processing is vital in the implementation, monitoring, and evaluation of the programs of NDA. To date, there are three (3) ongoing system development namely: Clientele Information System, Industry Information System, and Planning Information System, which will be available for use by all NDA area departments. NDA Crop map (for forage), feed maps, and maps of cooperatives/farms by farm category are also continuously updated.

Strategy 2.2: Farm Mechanization and Infrastructure Investments

1. Distribution of machines and equipment for the improvement of dairy enterprise operations

- ❖ **Distribution** – In an effort to help our stakeholders improve their dairy business enterprise especially in the production and marketing of products, the National Dairy Authority distributed the following:

Machineries / Equipment	Beneficiary/ies
Five (5) units of chillers	Lotus Foundation, Inc. in Zambales, Mallig Dairy Cooperative in Isabela, Oliver Pira from Isabela, Cabagan Dairy Producers Association in Isabela and Dr. Lynden Camigla from San Jose Del Monte, Bulacan.
Five (5) units of milk cans	Negros Oriental - two (2) each for Mr. Ricardo Baga and Ms. Janet Adriano and one (1) for Mr. Robert James Manso.
One (1) unit of forage chopper and two (2) units of chest type freezer.	Arapal Dairy Farmers' Association in Cebu also received one

- ❖ **Loan Collection**

The success of the dairy industry does not only depend on how much government investment was provided to the dairy farmers but also how the dairy farmers honor their commitments to the government. The loan repayments made by farmers will not benefit the government but other farmers who would also like to improve their livelihood and join the dairy industry. To date, NDA has already collected the following repayments:

Credit Type	Amount
Cash Repayment	P61,367,721.85
Payment-in kind (dairy animals)	234 heads amounting to P13,668,050.00
TOTAL	P75,035,771.85

The dairy animal collections from loan repayments were redistributed to **43 new and existing dairy farmers** in South and North Luzon, Visayas, and Southern and Northern Mindanao. Creation of local suppliers of dairy animals has saved the country from importing dairy animals worth P13.67 Million.

Strategy 2.4: Food Safety and Regulations

1. Safety and Quality Assurance Laboratory Services

The NDA-CO laboratory has capabilities of testing physico-chemical properties of milk such as butterfat, protein, pH, and specific gravity/density, and its microbiological quality in terms of aerobic plate count, coliform and E. coli count, as well as testing animal health through direct microscopic somatic cell count (DMSCC), and milk safety tests such as antibiotic residue tests (ART) and aflatoxin M1 detection. These services are offered to NDA-assisted Dairy Business Operators (DBOs), Milk Feeding Program (MFP) suppliers, and other walk-in clients. From January to September, a total of 1,144 milk samples have been tested by the NDA laboratories in the Central Office, Visayas, North Mindanao, and Southern Mindanao.

2. Dairy Safety Regulations (DSR) Implementation

- ✓ A total of 377 Dairy Business Operators (DBOs) were trained to come-up with the Risk Management Plan (RMP)
- ✓ A total of 68 farms have already been pre-inspected/inspected and provided with recommendations in compliance with food safety requirements
- ✓ A total of 515 dairy safety kits have been distributed to stakeholder recipients as part of technical assistance to comply with food safety requirements

PILLAR 3: INDUSTRIALIZATION

Strategy 3.3: Postharvest, Processing, Logistics, and Marketing Support*

1. Ensuring the Adoption of Good Dairy Farm Management Systems Through Close Technical Assistance and Quality System Education

A total of 4.76 million liters of milk were delivered to milk plants for processing with a 99.86% acceptance rate. The high acceptance rate can be associated with higher technology adoption of good dairy farm management systems that led to better milk yield as a result. This means that almost all of the raw milk sold by the dairy farmers to the dairy plant was converted into cash.

2. Milk Feeding Program in Cooperation with Department of Social Welfare and Development and Department of Education

The NDA is continuously implementing the milk feeding program component of Republic Act 11037, otherwise known as the Masustansyang Pagkain Para sa Batang Pilipino Act, in partnership with the Department of Education (DepEd). NDA has tapped 56 dairy cooperatives, private farms, SUCs and LGUs as local dairy suppliers and a total of 9,949,945.2 liters of milk were supplied in the Milk Feeding Program, where 973,488 liters of milk were supplied to DSWD and 8,976,457.2 liters of milk were supplied to DepEd. For DSWD, their 10th cycle of the supplemental feeding program (SFP) was concluded last June 2021, with a total of 40,562 beneficiaries served. For DepEd, the 2020 school-based feeding program (SBFP) implementation is currently ongoing with a total of 1,474,787 beneficiaries being served.

3. Milk Feeding Program in partnership with the Dangerous Drugs Board

The NDA partnered with the Dangerous Dugs Board in this new effort to expand the reach of NDA's services. NDA will link Drug Treatment and Rehabilitation Centers (DATRCs) to dairy farmers, cooperatives, and processors that can provide quality milk and milk products. With this cooperation, DDB provided P2 million worth of funds to the NDA for the provision of milk and milk products to DATRCs nationwide. This is part of the efforts of the DDB to assist in incorporating the use of Nutrition Management Guidelines in the treatment and rehabilitation of Persons Who Use Drugs (PWUDs). The program is on-going at nine (9) Drug Treatment and Rehabilitation Centers in Quezon City, Pasig City, Leyte, Cagayan de Oro, Davao City and Davao de Oro.

PILLAR 4: PROFESSIONALIZATION

Strategy 4.1: Agriculture Career System

Competency Framework

NDA is continuously updating and improving its competency framework. It targets to enhance its Competency Rate from 25% to 30% by the end of the year through continuous training of its manpower.

2nd Gawad Dairy Awards

The second Gawad Dairy Awards was conducted on May 27, 2021 via Webex and it was the first-ever virtual awarding ceremony that was spearheaded by the government’s dairy industry arm. It was streamed via the official NDA Facebook page last May 29, 2021. Aiming to uphold dairy farming and to inspire existing and prospective dairy players, the 2nd Gawad Dairy Awards was graced by none other than Administrator Marilyn Mabale together with DA Secretary William Dar and Senate Committee on Agriculture and Food Chair Senator Cynthia Villar.

AWARDS	WINNING DAIRY FARMERS
Three (3) Major Awards	
“Farmer with Dairy Milking Herd with the Highest Average Milk Yield”	Mr. Jose Tapay, Jr. of Lipa, Batangas
“Farmer with Dairy Herd with Shortest Average Calving Interval”	Mr. Benjamin Lao of Bansalan, Davao del Sur
“Most Prompt in Fulfilling Financial Obligations as a Dairy Farm Partner”	Provincial Government of Camiguin
Ten (10) Special Citations	
“Farmer with Biggest Herd Size and Highest Milk Production in 2020”	Ms. Milagros How of the Universal Harvester Dairy Farms, Inc. in Maramag, Bukidnon
“Farmers with Complete Recording System”	<ul style="list-style-type: none"> • Engr. Roger Navarro of Claveria, Misamis Oriental; • Mr. Frank Lloyd Gargar of Claveria, Misamis Oriental; • Mr. Jayruvic Vicoy of Consolacion, Cebu; and • Mr. William Alin of Consolacion, Cebu.
“Indigenous People Engaged in Dairy”	<ul style="list-style-type: none"> • Mr. Rolando Melendez of Impasugong, Bukidnon; • Mr. Melencio Lomanoy of Malaybalay City, Bukidnon; and • Mr. Joy Angcod of Impasugong, Bukidnon.
“Food Safety Compliant NDA-Assisted Dairy Farms”	<ul style="list-style-type: none"> • Mallig Dairy Farm in Mallig, Isabela; and • Unified Engineering Workers Multi-Purpose Cooperative (UEWMPC) Dairy Farm in Polomolok, South Cotabato.

Strategy 4.2: Education and Training: Agribusiness Management

Upscaling the Skills of Filipino Dairy Farmers, Traders, and Processors

The National Dairy Authority (NDA) and the Technical Education and Skills Development Authority (TESDA) have formalized an agreement that will upscale the skills of Filipino dairy farmers, traders and processors. NDA Administrator Marilyn B. Mabale has signed the MOA together with TESDA Secretary Isidro S. Lapeña in a virtual ceremony on July 26, 2021 which strengthens TESDA’s support for NDA in advancing and improving the Philippine dairy sector through the provision of scholarship programs and free skills trainings for farmers and other players along the dairy value chain. The signing ceremony was attended by top officials of NDA and TESDA including NDA Deputy Administrator Farrell Benjelix Magtoto, TESDA Deputy Director General for TESDA Operations Lina Sarmiento, Deputy Director General for Partnerships and Linkages Aniceto Bertiz III, and Deputy Director General for Policies and Planning Rosanna Urdaneta.

Strategy 4.3: Youth and Women Engagement

Lotus Dairy Farm

With limited knowledge in dairying, **Dr. Teresa Valenton-Yap** of Lotus Foundation Incorporated – a non-profit, community-based organization, challenged herself and ventured into a dairy livelihood program to mainly help the indigenous community in Zambales. Dr. Yap’s vision was made possible through the help of National Dairy Authority (NDA). The **Lotus Dairy Farm** was then established after availing NDA’s animal loan scheme and has been developed into a learning and training site for future dairy farmers. The farm has also been feeding a total of 125 children with 200ml fresh milk daily for the past three (3) years. This successful dairy farm is located in Sitio Mambog, SanMarcelino, Zambales.



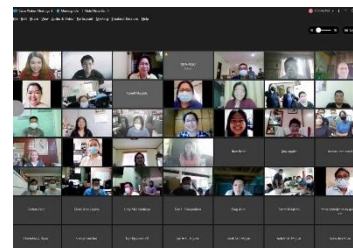
Moolk Creamery Corp.

National Dairy Authority (NDA) assisted dairy entrepreneur Cherry Mendoza who is the co-owner of Moolk Creamery Corp, served as one of the speakers during the Women Agribusiness Summit held on June 29, 2021 at the Bureau of Soils and Water Management. The theme for this year's summit is, "Women in Agriculture Break Barriers."

Strategy 4.4: Ease of Doing Business and Transparent Procurement

NDA Holds Webinar on 2016 IRR of RA 9184

In its commitment to transparency and accountability, particularly in the conduct of its procurement activities, the Department of Agriculture-National Dairy Authority (DA-NDA) held a two-day webinar on Republic Act (RA) No. 9184, also known as the "Government Procurement Reform Act" (GPRA), and its 2016 Revised Implementing Rules and Regulations (IRR) on August 18-19, 2021. Invited as resource person was Government Procurement Policy Board (GPPB) Recognized Trainer on RA No. 9184 and Department of Environment and Natural Resources (DENR) Internal Affairs Division Officer-in-Charge Chief Atty. Anthony Raymond M. Velicaria. Discussed were the salient and updated provisions of RA No. 9184 and its 2016 IRR. The roles and responsibilities of the actors involved in the procurement process were also tackled.



Quality Management System

Conduct of the Internal Quality Audit (IQA) is on-going in preparation for the ISO 9001:2015 re-certification of the NDA Central Office, Northern Mindanao, and Visayas Area Departments, and certification of the Southern Mindanao Area Department.

CUT ACROSS STRATEGY: Strategic Communications

Promotion of Dairy as a Business Enterprise

1. Dairy-Skwela Webinar Series

In line with its anniversary, the agency has also pushed for the second season of its DairySkwela webinar series which was pioneered last year. For its second season happening this year, NDA started with the topic "Economics of Dairying" which aired via the same social media platform last March 9. The DairySkwela Season 2's pilot episode was attended by around 100 pre-registered participants plus 100 live viewers. On July 28, 2021, the NDA held another webinar entitled "Forage Development". More than 80 participants from the public and private sector tuned in to the webinar held via Cisco Webex. With the continuous success of DairySkwela, NDA aspires to hold more seasons in order to fulfill their goal of sharing important information on dairy farming to the public despite the limitations brought by the pandemic.

2. Participation in Kadiwa Agribiz Webinar

The NDA promoted the Investment Opportunities on Dairy Production and Processing via the DA-AMAS Kadiwa Agribiz Webinar held on 23 March 2021 with NDA OIC-Manager for Corporate Planning and Management Services Department, Maria Teresa M. Rozul as resource person. Platforms such as these are maximized by the NDA to help promote dairying as a viable enterprise worth investing into. The webinar focused on the entry points of investments in dairying through dairy farming in various dairy animal modules, dairy processing and marketing.



3. Radio Guesting

NDA Administrator Marilyn B. Mabale guested on the program "Sa Kabukiran at Kabuhayan" in Radyo DWIZ AM 882! where she discussed the dairy programs of NDA.