



National Dairy Authority Report of Accomplishments 2017

The National Dairy Authority in support of the Philippine Development Plan 2017-2022 of Expanding Economic Opportunities in Agriculture, Fisheries, and Forestry has made the following contributions for the year 2017.

Expanding Economic Opportunities in Dairy

1. Improved Productivity

Dairy recorded the highest increase in volume and value of production at 8% and 13% respectively among the livestock sector. Total dairy production reached 22.76 thousand MT-level and grossed around P809 million at current prices.

According to the Philippine Statistics Authority, the significant uptrend of milk production was noted in Mindanao areas during the period.

Performance of the Dairy Sector January - December, 2017

Livestock Sector	Volume- '000 MT			Value - Million Pesos		
	January- December			January- December		
	2016	2017	% Change	2016	2017	% Change
Carabao	144.69	144.41	-0.19%	11,341.86	12,593.55	11.04%
Cattle	270.42	266.30	-1.52%	25,878.72	26,621.68	2.87%
Hog	2,231.66	2,265.02	1.49%	211,427.47	241,847.37	14.39%
Goat	77.45	77.34	-0.14%	9,123.30	9,701.80	6.34%
Dairy	21.16	22.76	7.56%	715.28	809.33	13.15%

*Performance of Phil. Agriculture, Jan-Dec. '17
 Philippine Statistics Authority (PSA)

2. Increased Incomes of Dairy Farmers

Majority of dairy industry players are small hold farmers. These farmers posted a total gross revenue of Php115.7 million pesos or an annual average of Php0.302 million pesos per farmer this year from last year's Php0.203 million. This can be translated to a 49.9% increment in milk revenue.

Increased Access to Economic Opportunities in Dairy

1. Milk and Milk Products Made Available and Affordable to Filipino Consumers

Some **16,123,000** liters of milk produced locally in NDA -Assisted dairy areas were made available for processing in milk processing plants. This volume is 3% higher from last year's production. Local milk processing plants processed the raw milk into various milk products that were sold to local consumers.

2. Access to Dairy Animals Provided

a. Thru Collection and Distribution of locally produced dairy animals

Investments from prior efforts to increase dairy animal inventory paid-off as some 360 dairy animals produced locally were collected as payment for Animal Loans accessed thru the Palit-Baka-Scheme. Even without the importation, NDA was able to distribute dairy animals to new and existing dairy farmers through these animal collections. The value of these animals amounted to Php 22.58 Million saving the country money for animal procurement. If these animals were imported it would have cost the government around US\$0.726 Million.

b. Mainstreamed Dairy Goats into NDA Programs

NDA started monitoring and assessing the current status of the dairy goat industry. The government thru the NDA has decided to give full support to the industry as interest in dairy goat farming increased recently. The dairy goat inventory has increased by 14%, a total of 13,975 heads from last year's 12,277 heads. The total goat inventory is 28% of the total dairy herd inventory in NDA-assisted areas of 49,661 heads. By dairy animal type, dairy goats have surpassed the number of dairy carabaos ranking second to cows.

Animal Type	As of Dec. 2016 Inventory	As of Dec 2017 Inventory	% Growth	% to Total 2017
Cow	25,697	25,728	0.12%	52%
Goat	12,277	13,975	13.83%	28%
Carabao	7,465	9,958	33.40%	20%
Total	45,439	49,661	9.29%	100%

3. Access to Dairy Technology Increased

- a. Provided capacity building to some 1,635 farmers and extension personnel who were trained in different dairy intensive courses.
- b. Through the Philippines-New Zealand Project, dairy stakeholders benefited from:
 - Utilization of imported 1,000 straws sexed semen with homozygous semen slick gene resulting to 41% conception rate in cattle in CALABARZON area.
 - Improved feed and forage system through distribution to 252 farmer recipients of high yielding grass seeds resulting to development of improved pastures.
 - Introduction of instructional video toolkit to Focus Farms and Farmer Groups that presents new and improved technologies and farm management approaches.

4. Strong Partnership, Cooperation and Linkages with other Government Institutions

Partnerships with the private sector grew as 56 dairy multiplier farm owners assisted NDA in the production of local dairy animals. Cooperation, coordination and linkages with government agencies, local government units and local and foreign institutions facilitated the creation of economic opportunities in the execution of dairy related activities.

Dairy farmers benefited through milk feeding program because their milk produce were bought by the government for milk feeding to school children. The NDA sought partnership with the Philippine Charity Sweepstakes Office (PCSO), Department of Science and Technology (DOST) and Department of Education (DepED) to carry out successful milk feeding program.

5. Inclusion of Two (2) NDA Programs in the 2017 National Priority Plan

NDA successfully defended the inclusion of two (2) of its main programs under the 2017 National Priority Plan (NPP) of the Government. Out of the four (4) programs of the Department of Agriculture that were certified, the NDA's **Herd Build-Up Program** and **Milk Feeding Program** were considered as part of priority projects, programs and activities (PPAs) together with Corn Technology Demonstration and Hybrid Technology Demonstration/Model Farm. Certification was issued last February 6, 2017 by the National Economic Development Authority (NEDA).



The purpose of vying for certification under the NPP is to entitle sponsors who will donate for the said programs tax deductions in accordance with the provisions of Sec. 34 of the National Internal Revenue Code of 1997.

6. Drafting of the Dairy Food Safety Regulations

As a mandated Food Safety Regulatory Agency that is responsible for regulating milk safety in the production and postharvest handling, the NDA spearheaded series of public consultations as pre-requisites in drafting the Dairy Food Safety Regulations. Several activities were undertaken in order to come-up with regulatory documents such as Dairy Codes of Practice, Risk Management Plan and Audit Design for dairy farms, milk collection centers, and dairy processing plants.

7. Access to Safe and Good Quality Milk

A high raw milk acceptance rate from all the dairy farms was recorded at 99.5%. This implies that the dairy farms are compliant with the Food Safety Regulations that ensures consumer protection.

8. Pursuing Organizational Efficiencies

In order to accomplish the agency's mandate and in order to produce the highest possible outputs, organizational efficiency is one of the major focus of the management. Several initiatives to ensure efficiency were undertaken such as alignment of NDA Quality Manual to ISO 9001:2015 QMS standards and crafting of a Competency-based HR System and recruitment.

APPROVED:

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