



Republic of the Philippines
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Memorandum Circular

No. 42

Series of 2023

**SUBJECT : GUIDELINES IN THE CONDUCT OF CORN TECHNOLOGY
DEMONSTRATION TRIAL**

I. Rationale

Corn is the second most important crop in the Philippines. It can be processed into high value products, such as corn grits, cornstarch, corn syrups, corn oil, gluten and snack foods. White Corn is mainly consumed as staple in Visayas and Mindanao, specifically in Cebu, Zamboanga Peninsula, Northern Mindanao, SOCCSKSARGEN and CARAGA region¹. Meanwhile, yellow corn accounts for about 46% and 62.5% of livestock and poultry mixed feeds, respectively². In addition, 1.16 million farm households are dependent on corn as a major source of livelihood³.

At present, local production of yellow corn is far below the total requirements of feed millers, while white corn is faced with low productivity. The National Corn Program aims to increase the adoption of new and improved technologies for corn production through the conduct of technology demonstrations. This will encourage the farmers to adopt new and improved technologies to modernize the industry and boost the corn productivity as well as empower the farmers and increase their income, thereby improving their quality of life.

In pursuant to Republic Act (RA) 11639 or the General Appropriations Act (GAA) for FY 2023, this Circular is issued to the Department for the orderly implementation of the project.

II. Objective

The project aims:

1. To showcase the performance of new and matured component technology(ies) on production and post-production of corn; and
2. To facilitate the adaption/adoption of new and matured component technology (ies) in order to increase corn productivity.

¹PSA Annual per capita Consumption for Corn by Region, 2022

²Yellow Corn Industry Development Roadmap CY 2021-2040

³Farmers and Fisherfolk Registry System, 2022

III. Scope

The project shall cover yellow and white corn in selected corn clustered areas. The technology demonstration trial shall be established with an area of at least one (1) hectare that is accessible to people (especially farmers) and representing the major corn production areas.

IV. Definition of Terms

- a. **New and Matured Component Technology** refers to a technology developed/identified based on research results that is ready for adoption of farmers.
- b. **Registry System for Basic Sectors in Agriculture (RSBSA)** refers to the database system which contains farmers, farm workers, and fisherfolks which serves as a basis for identifying beneficiaries for different interventions and support programs and services of the Department.
- c. **Farmer Cooperator** refers to the identified farmer or farmer-member of an active corn cluster organization that participates in the demo-trial.
- d. **Geotagging** is the practice of associating a digital resource (e.g. photos, website, sms) with a physical location.

V. General Implementing Guidelines

- 1. The DA-Bureau of Agricultural Research (DA-BAR) and other research agencies/units shall be the sources of new and matured technologies to be demonstrated in different regions;
- 2. The DA-Bureau of Agricultural Research (DA-BAR) to provide the DA Regional Field Offices (DA-RFOs) with the list of new and matured technologies to be demonstrated in different regions;
- 3. New and matured component technology (ies) to be demonstrated in the trial should include but not limited to new varieties, plant density, fertilizer rate, pest management, and time tested production practices;
- 4. The farmer cooperator for the technology demonstration trial is either an individual farmer or farmer-member of an active corn cluster organization and must be registered in the Registry System for Basic Sectors in Agriculture (RSBSA);
- 5. The technology demonstration trial should be conducted at the farmer's field covering an area of at least one (1) hectare per farmer cooperator;
- 6. The technology demonstration site must be geotagged; and
- 7. Total harvest from the demonstration trial shall be given to the farmer cooperator.

VI. Roles of Participating Offices/Units

A. DA Regional Field Office (DA-RFO)

- 1. Identify the technology(ies) to be demonstrated in certain locations in coordination with the Local Government Unit (LGU), considering the priority needs of the corn farmers that will increase productivity;



2. Prepare and submit the project proposal to the National Corn Program office for approval;
3. Facilitate the signing of the Memorandum of Agreement (MOA) between the DA RFO, LGU-Municipal Agricultural Office (MAO) and farmer cooperator and shall be signed prior to the implementation of the trial;
4. Provide farm inputs such as quality corn seeds, fertilizers, fuels for irrigation (if applicable), pesticides, and biological control agents following the approved work and financial plan (GAA FY 2023) prepared by the DA-RFO (through technical staff);
5. Designate/assign a technical personnel to provide technical assistance in the establishment and implementation of the technology demonstration;
6. Gather pertinent data based on the project proposal, with assistance from LGU-MAO from the trial to assess the performance of the technology compared with the farmer's practice; and
7. In case of failure due to unforeseen events, the DA-RFO (with assistance from LGU-MAO) shall evaluate and augment the equivalent value of yield reduction based on the normal cropping year either in kind or in cash whichever is applicable following the accounting and auditing rules;
8. Assist in the linking of farmer cooperator to a potential market/buyer of the produce through the Agribusiness and Marketing Assistance Division (AMAD);
9. Coordinate with the Local Government Units (LGUs) for the proper planning, implementation and monitoring of the project; and
10. Conduct field day in the different trial sites before harvesting.

B. Farmer Cooperator

1. Provide the land and labor requirements in the conduct of demonstration trials;
2. Allow DA-RFO and LGU-MAO to visit the area in order to assess the performance of the trial; and
3. Implement the different production and post-harvest activities of the trial based on the approved proposal.

VII. SUPPLEMENTAL GUIDELINES

The DA-RFOs are hereby authorized to formulate detailed supplementary guidelines to address peculiar situations per region, **which shall be consistent with these Guidelines**. The supplemental guideline shall be subject to the approval of the Senior Undersecretary prior to implementation.



VIII. SEPARABILITY CLAUSE

This Memorandum Circular may be reviewed, amended, or supplemented as the need arises and only through a written instrument duly executed and signed by the Senior Undersecretary.

If any clause, sentence, or provision of the Memorandum Circular shall be declared invalid or unconstitutional, the other provisions not affected thereby shall remain valid and subsisting.

IX. REPEALING CLAUSE

All other previous orders, issuances, rules, and regulations inconsistent with or contrary to this Memorandum Circular are hereby repealed and revoked.

X. EFFECTIVITY CLAUSE

This Memorandum Circular shall take effect immediately upon signing and publication in the DA Website and/or in a newspaper of general circulation, and its filing with the University of the Philippines Law Center - Office of the National Administrative Registrar.

Done this 4th day of September, 2023.


DOMINGO F. PANGANIBAN
Senior Undersecretary



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