

Department of Agriculture



CORN BANNER PROGRAM

Yellow Corn Sub Program

White Corn Sub Program

Cassava Sub Program

Sorghum Sub Program

Soybean Sub Program





RELEVANCE OF CORN

YELLOW CORN

Animal Feed Mix

- Yellow corn accounts for:*
- *50-55% of 1kg **livestock feed mix***
 - *50-60% of 1kg **poultry feed mix***

Source: BAI Feeds Division

WHITE CORN

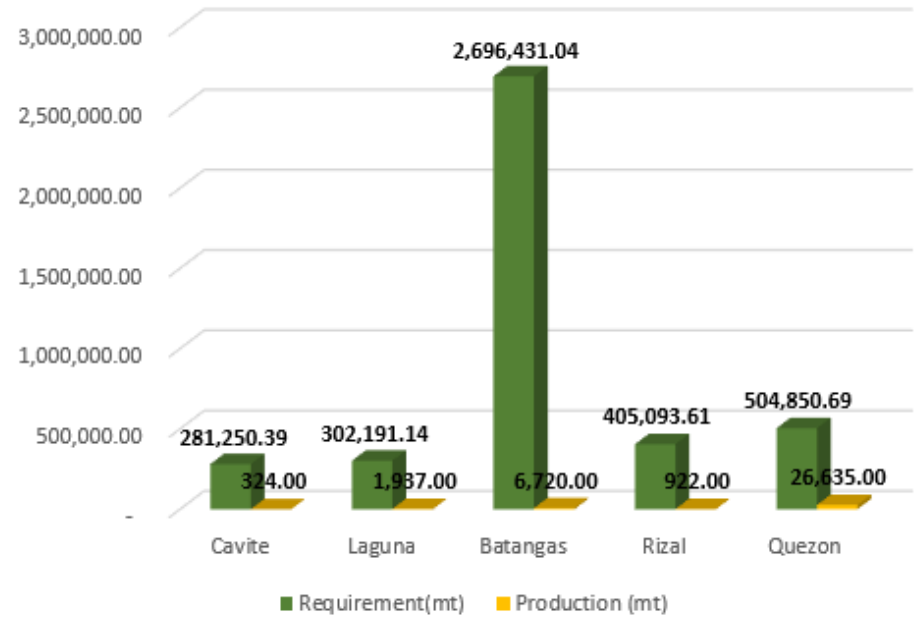
Food Staple

- *20% Filipinos eat white corn as **snack or staple food***
- *Consumed as grits in Visayas and Mindanao, and some parts of Luzon*
- *Processed as **starch, syrups, oil, gluten, rice-corn blend***



Relevance of Yellow Corn

2023 Demand and Supply of Yellow Corn in CALABARZON



Province	Requirement (mt)*	Production (mt)**	Sufficiency (%)
Cavite	281,250.39	324.00	0.12
Laguna	302,191.14	1,937.00	0.64
Batangas	2,696,431.04	6,720.00	0.25
Rizal	405,093.91	922.00	0.23
Quezon	504,850.69	26,635.00	5.28
IV-A	4,189,816.86	36,538.00	0.87

*Livestock and Poultry Yellow Corn Requirement
 ** Production of Yellow Corn



RELEVANCE OF CASSAVA

USES

- *About 15 Million Filipinos are eating cassava as **staple food***
- *One of the most efficient producer of **carbohydrates** per unit area.*
- *Raw material for the production of **feeds** and other **industrial products**.*

SOURCE OF LIVELIHOOD

- *About **218,000 farmers** are partially/fully dependent on cassava production*
- *Generated **28,000 jobs***

Source: PSA

VISION

More efficient, competitive, and resilient corn, cassava, sorghum & soybean industry players in the whole value chain.

MISSION

Transform the corn, cassava, sorghum & soybean industry players to be more productive, competitive, resilient, profitable by providing science-based solutions, support services, and collaborative partnerships

GOALS

Increased productivity and efficiency levels in the corn, cassava, sorghum & soybean production sector

Improved incomes of corn, cassava, sorghum & soybean producers and value chain actors

Increased sufficiency levels of local corn, cassava, sorghum & soybean across expanded and diversified markets supported by adequate market infrastructure

1

2

3

4

5

Efficient and stable supply chain of industry inputs like seeds, fertilizers, machineries and other inputs

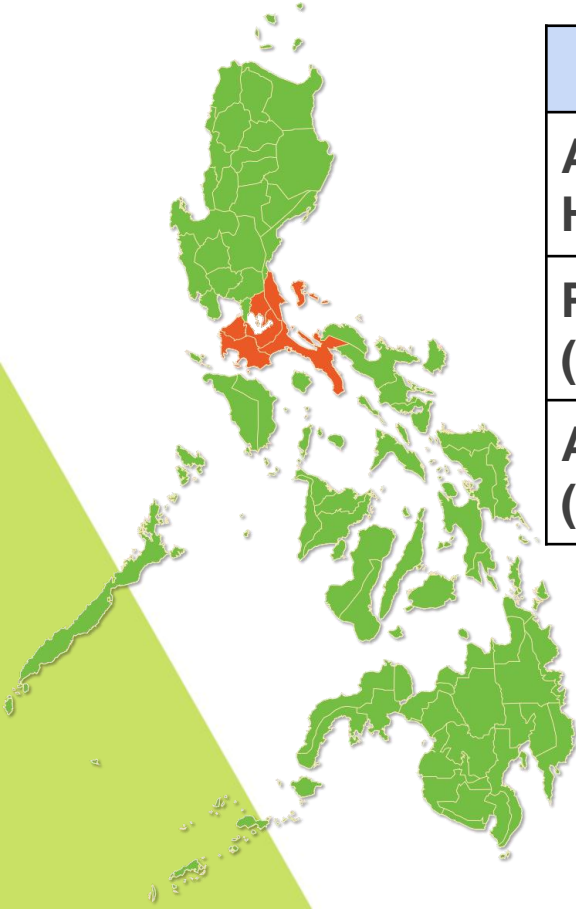
Corn, , cassava, sorghum & soybean produced in efficient production systems by empowered farmers amidst climate change challenges

Efficient post-harvest systems for the production of quality corn, cassava, sorghum & soybean

Developed/improved corn, cassava, sorghum & soybean value chains in various levels of operation

Efficient marketing infrastructure and information system

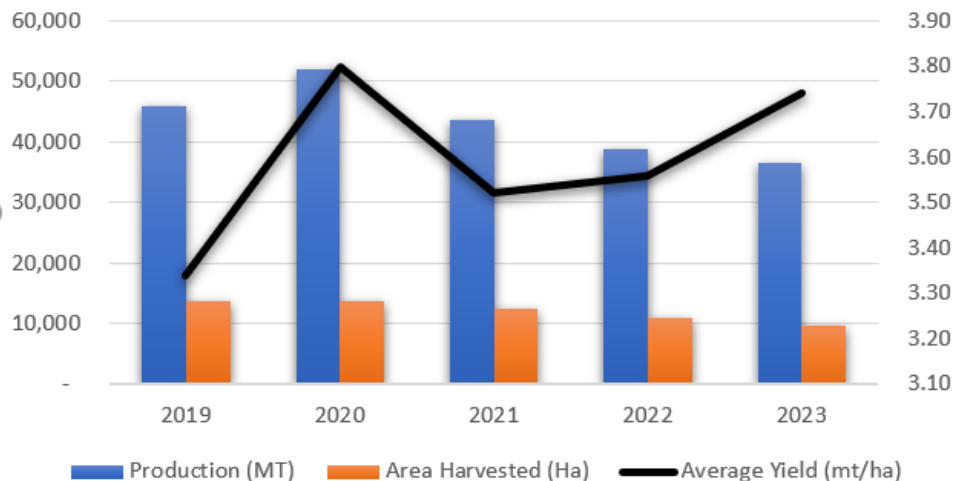
2023 YELLOW PRODUCTION PERFORMANCE



	NATIONAL	CALABARZON	
AREA HARVESTED (ha)	1,504,253.31	9,757.30	0.65%
PRODUCTION (mt)	6,367,610.23	36,536.80	0.57%
AVERAGE YIELD (mt/ha)	4.23	3.74	

2021-2023 Regional Production Performance

Yellow Corn Production Performance

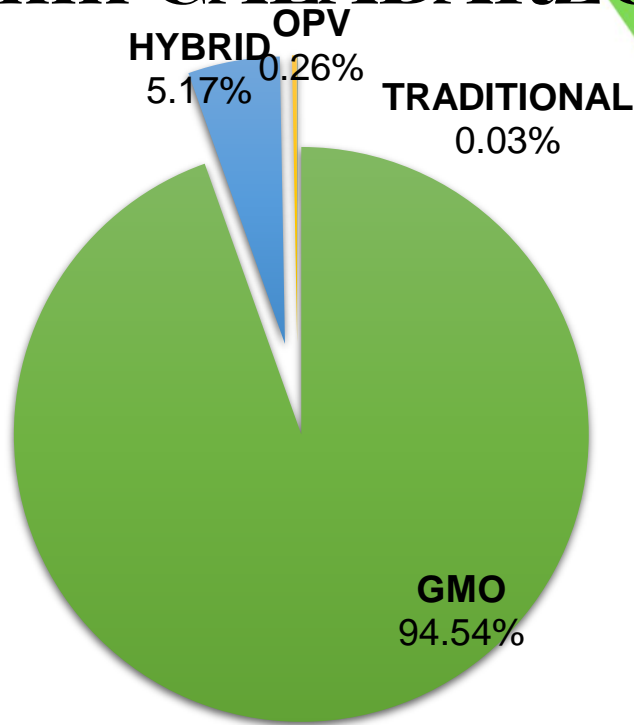


Year	Production (MT)	Area Harvested (ha)	Average Yield (MT/ha)
2019	45,872	13,725	3.34
2020	52,072	13,705	3.80
2021	43,563	12,366	3.52
2022	38,830	10,906	3.56
2023	36,537	9,757	3.74

****PSA Data**

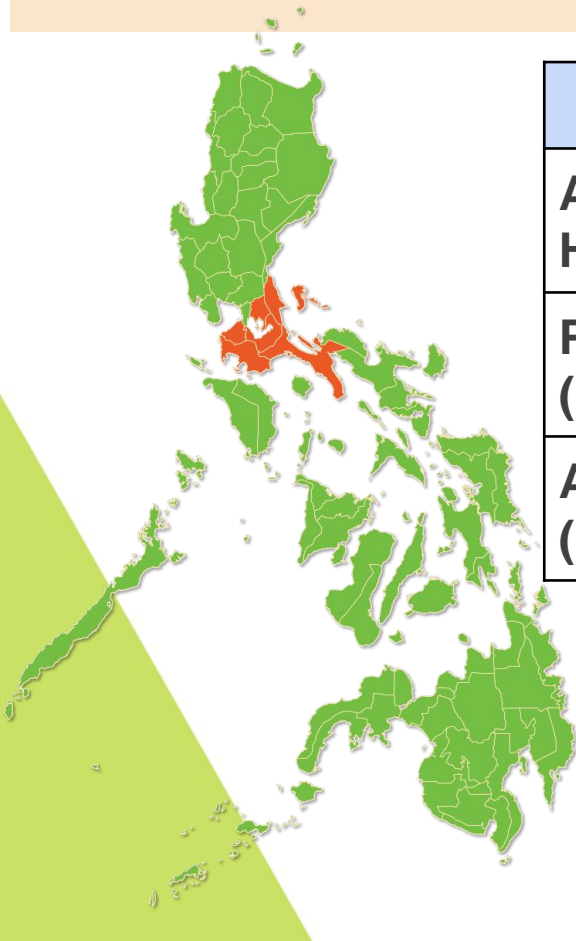
Average of **4.90 % decrease in Production**;
8.06 % decrease in area harvested and
3.15% increase in Yield

Percentage of Seed Varieties of Yellow Corn Planted within CALABARZON in 2023



*Based on planting data reported by LGUs of CALABARZON in 2023

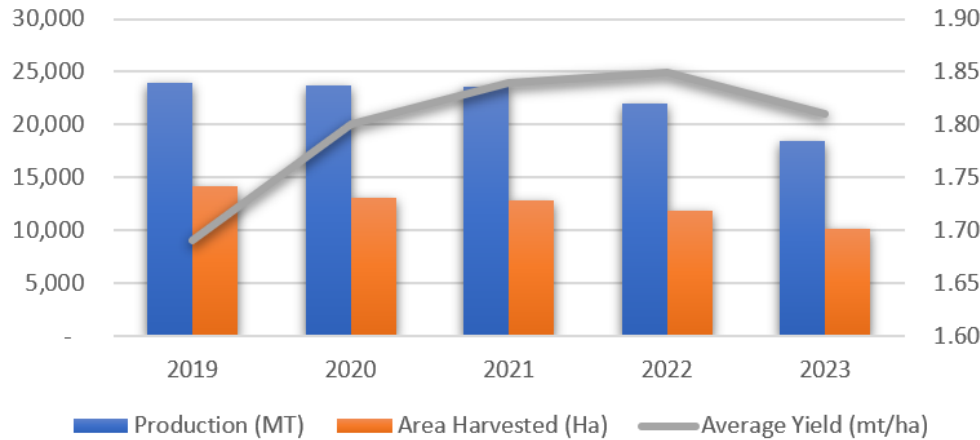
2023 WHITE PRODUCTION PERFORMANCE



	NATIONAL	CALABARZON	
AREA HARVESTED (ha)	1,089,261.76	11,917.25	1.09%
PRODUCTION (mt)	2,307,394.06	18,429.72	0.008%
AVERAGE YIELD (mt/ha)	1.97	1.81	

2021-2023 Regional Production Performance

2019-2023 White Corn Production Performance

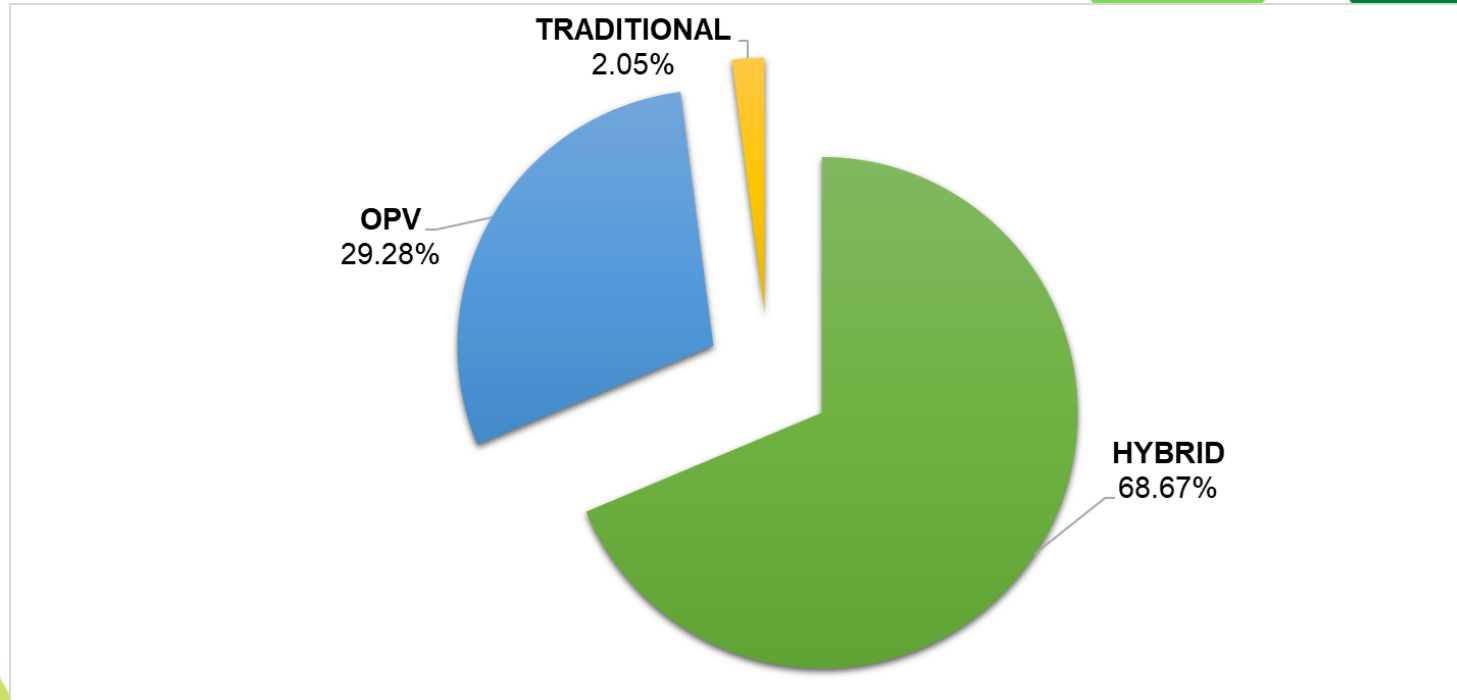


Year	Production (MT)	Area Harvested (ha)	Average Yield (MT/ha)
2019	23,914	14,181	1.69
2020	23,688	13,124	1.80
2021	23,583	12,815	1.84
2022	22,023	11,917	1.85
2023	18,430	10,161	1.81

****PSA Data**

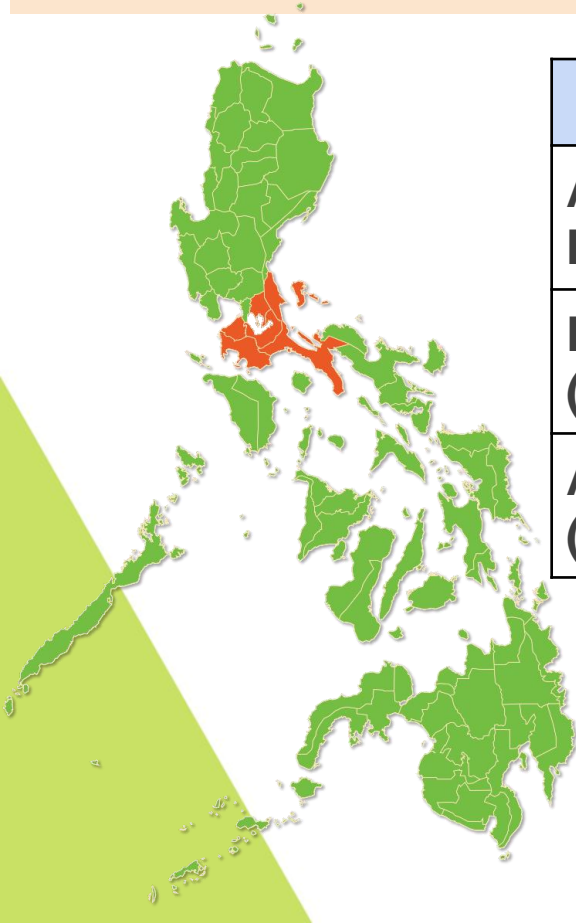
Average of **6.08 % decrease in Production**;
7.89 % decrease in area harvested and
1.78% increase in Yield

Percentage of Seed Varieties of White Corn Planted within CALABARZON in 2023



*Based on planting data reported by LGUs of CALABARZON in 2023

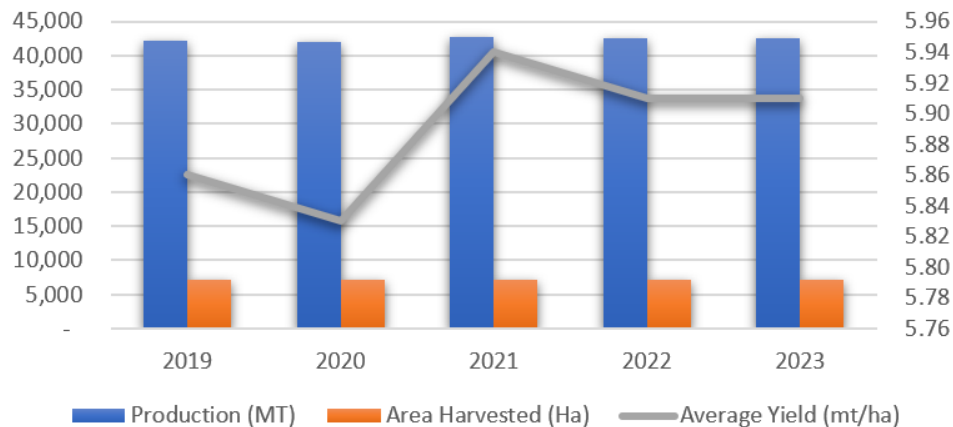
2023 CASSAVA PRODUCTION PERFORMANCE



	NATIONAL	CALABARZON	
AREA HARVESTED (ha)	216,113.01	7,204.74	3.33 %
PRODUCTION (mt)	2,559,811.90	42,342.42	1.65%
AVERAGE YIELD (mt/ha)	11.84	5.88	

2021-2023 Regional Production Performance

2019-2023 Cassava Production Performance



Year	Production (MT)	Area Harvested (ha)	Average Yield (MT/ha)
2019	42,253	7,215	5.86
2020	42,023	7,209	5.83
2021	42,763	7,205	5.94
2022	42,603	7,208	5.91
2023	42,508	7,191	5.91

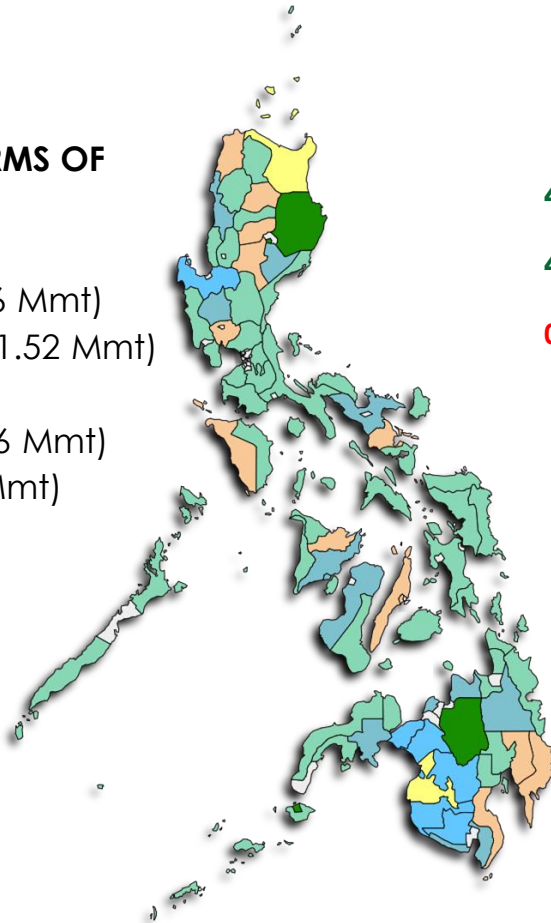
****PSA Data**

Average of **0.15 % increase in Production**;
0.08 % decrease in area harvested and
0.22% increase in Yield

2023 SECTORAL PERFORMANCE

TOP 5 REGIONS IN TERMS OF PRODUCTION:

Cagayan Valley (1.96 Mmt)
Northern Mindanao (1.52 Mmt)
BARMM (1.23 Mmt)
SOCCSKSARGEN (1.06 Mmt)
Ilocos Region (0.59 Mmt)



above 1 million mt
500,001-1,000,000 mt
200,001-500,000 mt
100,001-200,000 mt
50,001-100,000 mt
below 50,000 mt

4.58%



4.74%



0.15%



5.97%



4.82%



1.21%



YELLOW CORN

PRODUCTION (mt)

6,367,610

AREA HARVESTED (ha)

1,504,253

YIELD (mt/ha)

4.23

WHITE CORN

PRODUCTION (mt)

2,037,394

AREA HARVESTED (ha)

1,036,775

YIELD (mt/ha)

1.97

DIRECTION AND STRATEGIES

WHERE ARE WE

(e.g. challenges/gaps)

Low productivity

2023 PRODUCTION

YC: 36,536.80 mt

WC: 18,429.72 mt

Combined: 54,966.52 mt

Cassava: 42,508 mt

2023 YIELD

YC: 3.74 mt/ha

WC: 1.81 mt/ha

Combined: 2.76 mt/ha

Cassava: 5.91 mt/ha

Low sufficiency of local yellow corn for feeds

2023 YC Sufficiency: 0.87%

High cost of inputs

2023 COST OF PRODUCTION (National Data)

○ YC: 8.03 - 11.22 PhP/kg

○ WC: 10.00 - 16.00 PhP/kg

Low income of farmers

2023 NET INCOME PER CROPPING PER HA (National Data)

○ YC: PhP 35,132 - 98,793

○ WC: PhP 5,150 - 48,603

WHERE DO WE WANT TO GO

Efficient and stable supply chain of industry inputs

○ PRODUCTION TARGETS*

Yellow Corn

2024 Production: 41,812.54 mt
Yield: 4.02 mt/ha
Area: 10,392.45 ha
Sufficiency: ____%

2025 Production: 89,695.22 mt
Yield: 4.54 mt/ha
Area Expansion: 2001 ha

White Corn

Production: 18,892.37 mt
Yield: 1.86 mt/ha
Area: 10,162.08 ha
Sufficiency: ____%

Production: 19,234.99 mt
Yield: 1.89 mt/ha

Cassava

2024

Production: 42,857.74 mt
Yield: 5.96 mt/ha
Area: 7,192.51 ha

2025

Production: 43,373.93 mt
Yield: 6.03 mt/ha
Area : 7,193.22 ha

*based on the 2024 GAA and preliminary 2025 Tier I and II consolidated simulation of DA-RFOs as of March 01, 2024 and is subject to change

WHERE ARE WE

(e.g. challenges/gaps)

➤ Occurrence of calamities, emerging insect, pests and diseases

(eg. Fall Armyworm, Maize Streak Virus and El Nino)

○ El Nino

Area Affected*: **508.18 ha**

Production Loss*: **1,836.77 mt**

Total Value*: **PhP 42.55 M**

**based on Damage Report on the effects of El Nino as of April 26*

➤ High post-harvest losses resulting to low corn quality

➤ Minimally organized, aging population and dominated by smallholder producers (National Data)

○ Average age of corn farmers: **51 years old**

○ Average farm size: **1.47ha**

○ 1 ha and below: **58.89% (626,682 farmers)**

○ Out of the **1.06 Million corn farmers** registered in RSBSA, only **280,538 farmers*** are members of FCAs

**based on NCP cluster profiling database*

WHERE DO WE WANT TO GO

➤ Efficient production systems by empowered farmers amidst climate change challenges

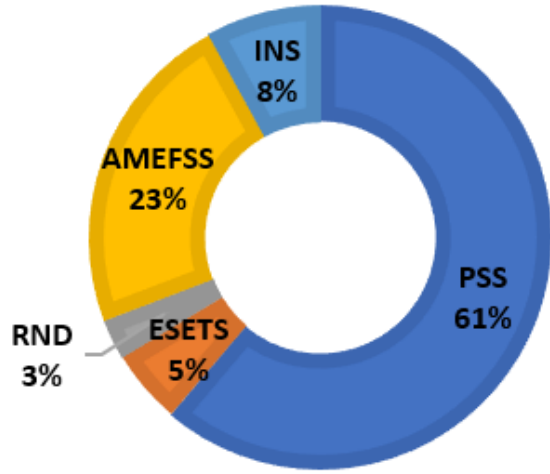
➤ Efficient postharvest systems for quality production through the provision of dryers and storage facilities

➤ Developed or improved value chains at various scales of operations and establishment of corn processing centers

➤ Efficient marketing infrastructure and information system

FY 2024 GAA BUDGET

PHP 175 MILLION



MFO	AMOUNT (‘000)	Percent Share (%)
PSS	107,147.00	61
ESETS	9,082.00	5
RND	4,942.00	3
AMEFSS	40,000.00	23
INS	14,000.00	8
TOTAL	175,171.00	100

PRODUCTION SUPPORT SERVICES

Php
107,147

FY 2024 GAA

- 102,600 kg (11,400 bags @ 9kg/bag) of hybrid yellow corn seeds and 9,630 bags of inorganic fertilizer for **Yellow Corn Production Enhancement Project**
- 575 kg of Hybrid White Corn and 230 bags of Inorganic Fertilizer for **White Corn Production Enhancement Project**
- Production and distribution of 7,000 kg (350 bags @ 20kg/bag) of **CS White Corn Seeds**

- Production and distribution of 390,000 seed pieces for **Cassava Production Enhancement Project**
- Production and distribution of 2,000 kg of **Soybean seeds**
- **Corn Seed Reserve** of 2,000 kg White Corn Seeds and 7,200 kg of Hybrid Yellow Corn Seeds
- **Chemical Reserve** of 2,000 liters of Insecticide and 500 kg of rodenticides
- 16,300 packs of **Biofertilizer**

EXTENSION SUPPORT EDUCATION AND TRAINING SERVICES

Php 9,082

FY 2024 GAA

- Establishment of **2 sites Soybean Techno Demo, 1 site Yellow Corn Model Farm, 1 site Cassava Model Farm**
- Conduct of **14 various trainings for Corn, Cassava and Soybean**
- Provision of Incentive Allowance to **100 AEWs and 2 AFCs**
- Distribution of 3,000 IEC Materials
- Airing of 10 Radio plugs

RESEARCH AND DEVELOPMENT

Php 4,942

FY 2024 Budget

- Conduct of **2 Completed and 3 New Production Related Studies**

IRRIGATION NETWORK SERVICES

Php 14,000

FY 2024
BUDGET

- Distribution of **10 units Pump and Engine Set for STW**
- Construction of **2 units SPIS**

AGRICULTURAL MACHINERY EQUIPMENT FACILITY SUPPORT SERVICES

FARM PRODUCTION-RELATED MACHINERY AND EQUIPMENT DISTRIBUTED

**Php
28,000**

FY 2024 GAA

- Distribution of **6 units 90 HP Four-wheel Drive Tractor**
- Distribution of **2 units hauling truck**
- Distribution of **1 unit Combine harvester**

POST- HARVEST RELATED MACHINERY AND EQUIPMENT

**Php
12,000**

FY 2024 GAA

- Distribution of **2 units Hammer Mill**
- Distribution of **2 units Recirculating Dryer**
- Distribution of **6 units Corn husker-sheller**
- Distribution of **2 units Cassava Grater**
- Distribution of **2 units Cassava Chipper**
- Distribution of **3 units Forage Chopper**
- Distribution of **5 units Grain Collector**

RSBSA REGISTRATION UPDATES

PROVINCE	Number of Farmers Registered
CAVITE	1,497
LAGUNA	1,413
BATANGAS	8,492
RIZAL	1,514
QUEZON	8,440
CALABARZON	21,356

F2C2 UPDATES

PROVINCE	Number of Clusters
CAVITE	1
LAGUNA	1
BATANGAS	5
RIZAL	
QUEZON	9
CALABARZON	16



CONTACT INFORMATION!



EMAIL:

corn@calabarzon.da.gov.ph



TELEPHONE | DIRECT LINE:

043-333-1950

