



2 WHITE CORN

NSIC Registered Corn Varieties

- National Seed Industry Council



For Domain Expansion



CVRC Glut 21-16

Recommendation: Previously recommended in Luzon and then expanded to Mindanao

Method: National Cooperative Test (NCT) - Propagation by seeds

Breeder: Cagayan Valley Research Center

YIELD

- Average yield of 4.30 mt/ha as compared to check variety IES Glut 4 with only 3.97 mt/ha in Luzon.
- Highest yield was obtained in Ipil, Zamboanga Sibugay Peninsula with 6.90 mt/ha.

REACTION TO INSECT PEST AND DISEASES

- No observed adverse reaction under natural field condition.

OTHER OUTSTANDING CHARACTERISTICS

- Good shelling recovery of 74.05%
- Good earlength of 14.42 cm
- Good ear fill.
- Good husk cover.



CVRC Glut 21-16

Recommendation: Luzon and Mindanao

Method: National Cooperative Test (NCT) -
Propagation by seeds

Breeder: Cagayan Valley Research Center

YIELD

- Average yield of 5.99 MT/ha vs. check variety IES Glut 4 with only 5.64 MT/ha in Luzon
- Highest yield obtained was in QSU, Madella, Quirino at 8.56 MT/ha

REACTION TO INSECT PEST AND DISEASES

- Exhibited resistance to corn borer and foliar diseases

OTHER OUTSTANDING CHARACTERISTICS

- Good shelling recovery of 78.00%
- Good ear fill.
- Good husk cover.



South Cotabato Improved Tiniquib

Recommendation: Mindanao

Method: National Cooperative Test (NCT) - Propagation by seeds

Breeder: Department of Agriculture Regional Field Office XII

YIELD

- Average yield of 5.16 mt/ha as compared to check variety USM Var10 with only 4.98 mt/ha in Mindanao.
- Highest yield was obtained in Ipil, Zamboanga Sibugay Peninsula with 7.70 mt/ha.

REACTION TO INSECT PEST AND DISEASES

- Resistant to corn borer and foliar diseases.

OTHER OUTSTANDING CHARACTERISTICS

- Good shelling recovery of 79.00%.
- Good earlength of 14cm as compared to check with only 13cm
- SCIT has many kernel rows as compared to check

White Gold: Exploring NSIC Registered White OPV Corns

The government aims to increase the production and distribution of quality white open-pollinated varieties (OPV) of corn to support local farmers practicing coconut-corn intercrop systems and to

provide to those in uplands that consume it as a staple as white corn grits.

In 2023, two (2) white OPVs were registered with the National Seed Industry Council (NSIC).

Department of Agriculture – Regional Field Office XII developed the NSIC 2023 Cn 337 “South Cotabato Improved Tiniquib (SCIT)” from reconstituted Tiniquib strains and gave it the commercial name Tupi 1st White Improved Tiniquib (Tupi1 WIT). SCIT exhibited superior yield and agronomic field performance during the conducted yield trials, which gave it a recommendation to be grown and produced in Mindanao. Additionally, the Cagayan Valley Research Center (CVRC) registered the NSIC 2023 Cn 335 “CVRC Glut 21-16” with an initial

domain recommendation to Luzon and further recommended to Mindanao in the later part of 2023.

Both white OPV varieties are exceptional in terms of production and offer favorable agronomic traits such as early maturity, good ear length, and good shelling recovery.

The registered white OPV corn varieties ensure a thriving corn seed industry by having high-quality seeds for corn growers. This translates to higher income for farmers and a more robust agricultural sector overall.

#OPV

#NSICRegistered

#Corn

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