



Yield Results (CY 2002)

Whole nut weight = 1.5 - 2.3 kg
Copra per nut = 280 - 443 gm
Nuts per palm = 53 - 100
Copra per palm = 19 - 30 kg
Nuts per hectare = 7,369 - 13,570
Copra per hectare = 2.5 - 4.1 ton



At present, planting material for the **GMA Farmers' Composite Variety** is available at PCA-Zamboanga Research Center at a pick-up price of P6.00/nut. PCA-ZRC has an average production capacity of 120,000 seednuts per year.



Former Agriculture Secretary Leonardo Q. Montemayor, together with PCA Officials, distributes seedlings of the **GMA Farmers' Composite Variety** to coconut farmer leaders in Region IX (Zamboanga City)

For more information, please contact:

MR. GERARDO A. SANTOS
Department Manager III
PCA-Zamboanga Research Center
San Ramon, 7000 Zamboanga City
E-mail: pca_zrc@mozcom.com
Phone: +63917 5496548
Fax: +6362 9921676



Genetically Multi-Ancestored Farmers' Composite Variety

A Sustainable Option for the Farmers



**“Kung ano ang puno, siya rin ang bunga
Kung ano ang itinanim, siya rin ang
aanihin”**

Dwarf x Tall F1 coconut hybrids are popular because they bear fruits early, give high yield and recover quickly from stress. While F1 hybrids are good, ordinary farmers are unable to plant them on their own due to the high cost of the seeds. Because of the superior traits of the F1 hybrids and guided by their desire to plant coconut following the Filipino sayings "*Kung ano ang puno, siya rin ang bunga*" and "*Kung ano ang itinanim, siya rin ang aanihin*", coconut farmers plant second-generation seeds notwithstanding its bad consequences.

PCA breeders have long realized the need to develop a farmer's variety that would fit the coconut farmer's tradition of planting seeds from any high yielding tree for successive croppings. Started in the late 1970s, the development of **an open pollinated variety** or OPV through the **hybridization of hybrids** of six Tall coconut cultivars (*i.e.* LAGUNA, BAGO OSHIRO, BAYBAY, TAGNANAN, WEST AFRICAN and RENNEL) was pioneered by the **Philippine Coconut Authority**.



The **Genetically Multi-Ancestored** coconut farmers' variety or **GMA farmers' composite variety** combines the outstanding agronomic qualities of the 4 local farmers' traditional Tall varieties (LAGUNA, BAGO OSHIRO, BAYBAY and TAGNANAN) and 2 foreign Tall varieties (WEST AFRICAN and RENNEL).

PCA is confident that the results of this hitherto untried method of coconut breeding would be the answer to the country's persistent need for low input, high quality planting material. The **GMA farmers' composite variety** combines **high yield, precocity, vigor and durable genetic stability** from generation to generation. More importantly, coconut farmers can use the **GMA farmers' composite variety** as source of **seeds for successive croppings**.