

## **NOVELGRO TERRA TRIAL ON MAIZE**

Location : Sidomulyo, Lampung  
Time : First Quarter 2009 ( last crop in the wet season )  
Variety : Pioneer Hibrida P-23  
Fertilization : 450 kgs of urea, 120 kgs of Amonium Sulphate, 120 kgs NPK  
Irrigation : Rainfall every 3-4 days  
Soil : Red Podzolic Soil

Harvest quantity :

- Typical Crop ( without Novelgro Terra ) : 5 metric tons / hectare
- Treated Crop ( with Novelgro Terra ) : 9 metric tons / hectare

REMARKS:

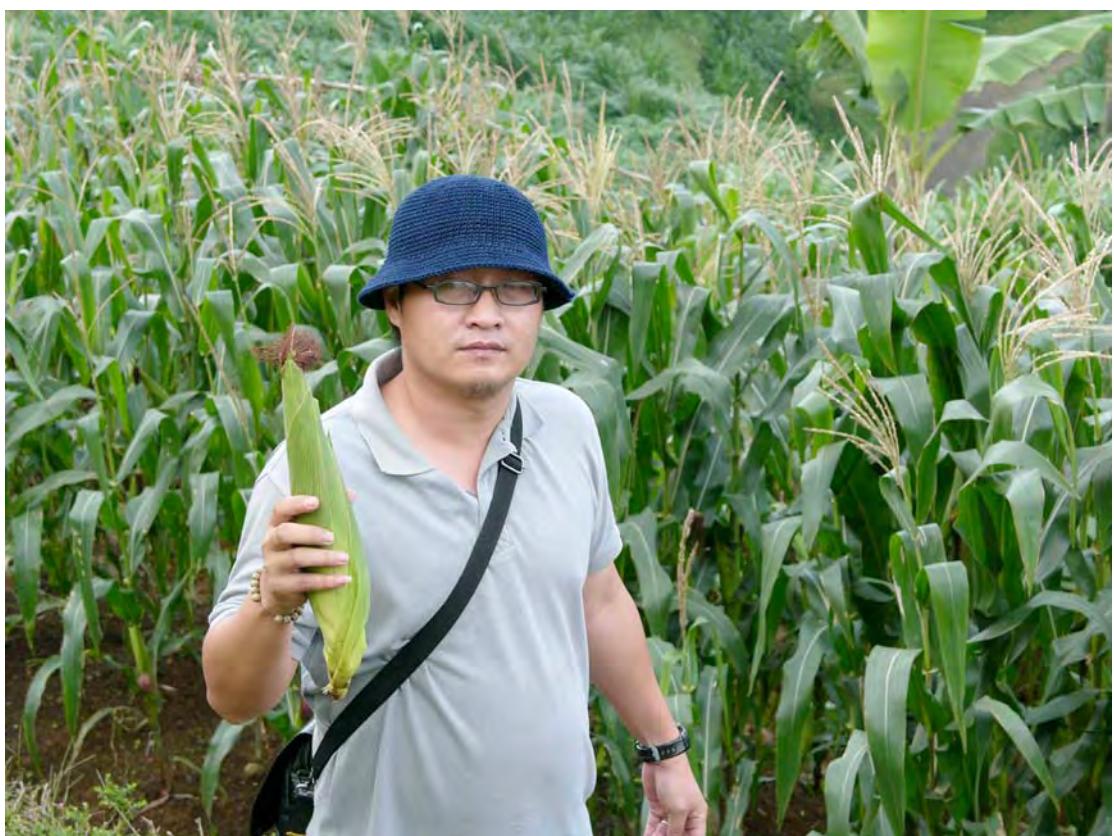
**Novelgro Terra** was used as seed treatment and soil treatment. As seed treatment, Terra was diluted to 1:1000 concentration to wet the seed right before planting. And as soil treatment, a dosage of 400 cc / ha with dilution of 1 : 1000 was applied with a sprayer throughout the corn plantation at soil preparation. Fertilization was carried according to the farmer's custom practice.

**Roots volume increase** was observed in the treated plants compare to the untreated plants and **drought stress reduction** was observed in the treated plants compare to the untreated plants.

**Aluminum poisoning was reduced** on the treated plants compare to the untreated plants.

**Earlier seed germination and plants emergence** was observed on the treated plants compare to the untreated plants.







untreated plant



treated plant