

Field Trial: EcoFungi – Germination Trial in Rice

Product: EcoFungi
Crop: Rice
var. INIAP 11

Product Type: Mycorrhizal Inoculant
Location: Guayas, Sector Daule, Ecuador



Three methods for planting rice are used in Ecuador. Each method of planting requires different amounts of seed. Direct planting with machine using rows spaced every 18 cm requires 80 kg of seed per hectare. Hand planting of seed (siembra al voleo) by tossing the seed in the field requires 100 kg of seed per hectare. Transplant planting of plantules grown in a nursery requires 30 to 50 kg of seed to produce enough plantules to cover one hectare, spacing the plants by 25 cm x 30 cm, 30 x 30, or 20 x 30. However, seed quality is in some cases very poor, so the growers are using up to three times the amount of seed.

Method of product application:

A test was carried out to determine the effect of EcoFungi on seed germination. Rice seeds were treated with EcoFungi at two dose rates, 500 grams and 1 kg of EcoFungi per 200 pounds of rice seed.

Results:

	EcoFungi - 0.5 kg/200 lbs.	EcoFungi - 1 kg/200 lbs
Germination Rate	90%-95%	98%-100%

Questions or Concerns?

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