



# Paddy Rice Nursery Demo

## Transplanted rice

**Trial Design** NEB applied to the paddy rice nursery bed immediately after planting seed

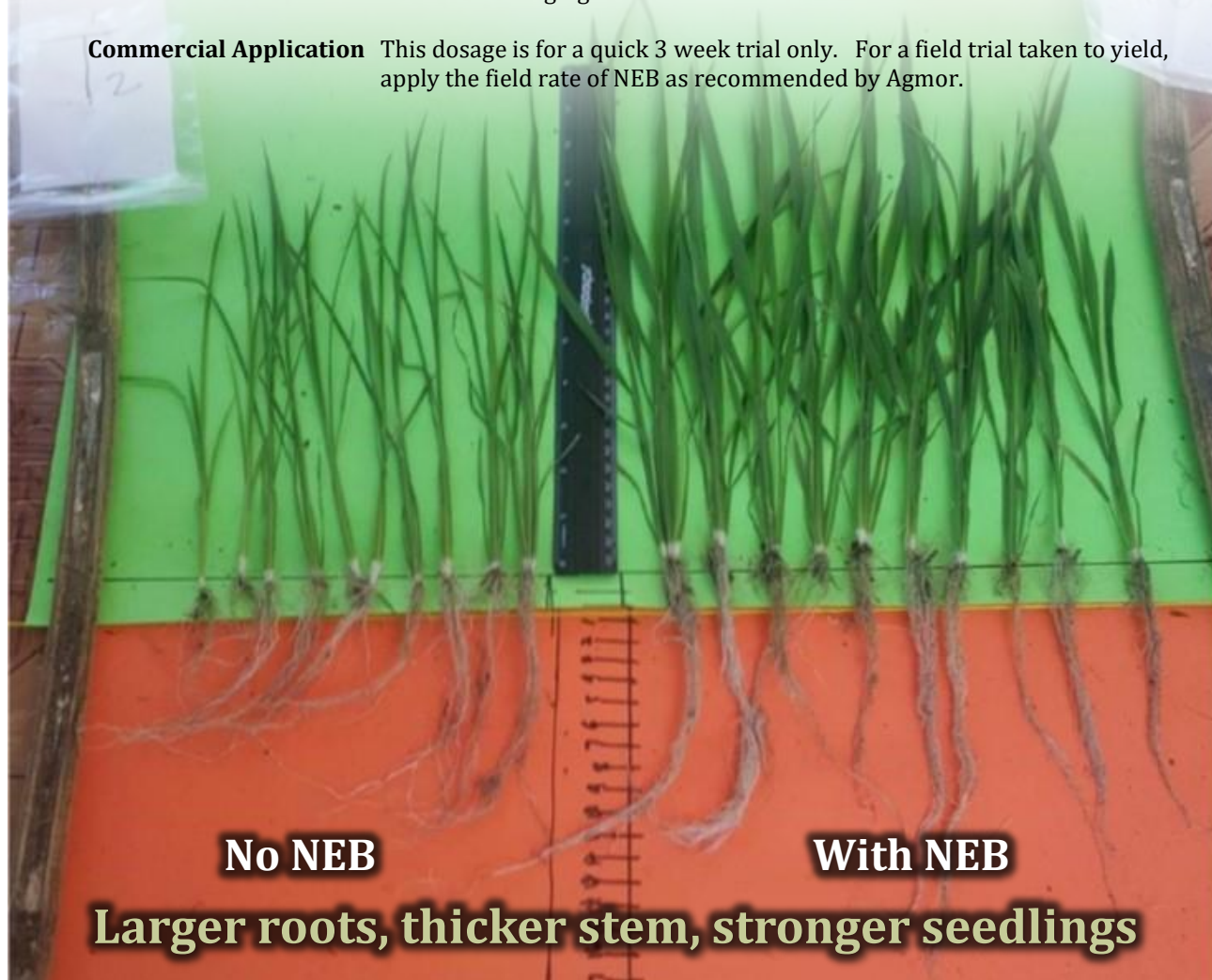
- Application Instructions**
1. Prepare the rice seeds for planting as normal (24 hour soak, drain, 24 hour incubation)
  2. Plant seeds in nursery seed bed as normal. Immediately after planting seeds into nursery, apply the NEB/water solution
  3. Dilution: 5 ml NEB/5 L water (1 ml/kg)
  4. Apply NEB/water solution at **500 ml/m<sup>2</sup> of nursery bed**
  5. A simple method that works well is to pour the NEB/water solution into your hand and shake hand over seed bed so NEB is distributed (NEB is organic and non-toxic)
  6. Leave a portion of the nursery seed bed untreated for comparison

**Fertilizer & Chemical** Follow your normal fertilizer and pest protection program

**Evaluation Recommendation** Evaluate 10 seedlings with NEB and 10 seedlings without NEB three weeks after planting. Carefully remove seedlings with shovel and wash roots with water to remove soil. Evaluate both roots and foliage

**Note: During Evaluation** Notice germination, plant health and vigor, size of roots, thickness of the stem. Many farmers report stronger seedlings that are more resistant to disease and lodging.

**Commercial Application** This dosage is for a quick 3 week trial only. For a field trial taken to yield, apply the field rate of NEB as recommended by Agmor.



**No NEB**

**With NEB**

**Larger roots, thicker stem, stronger seedlings**

Paddy Rice Demo (Transplanted Seedlings)



# Paddy Rice Demo

## Direct Seeding, Dry Seed

**Trial Design** NEB applied directly to the paddy rice seed — seed that has not been soaked in water (no incubation or seed preparation)

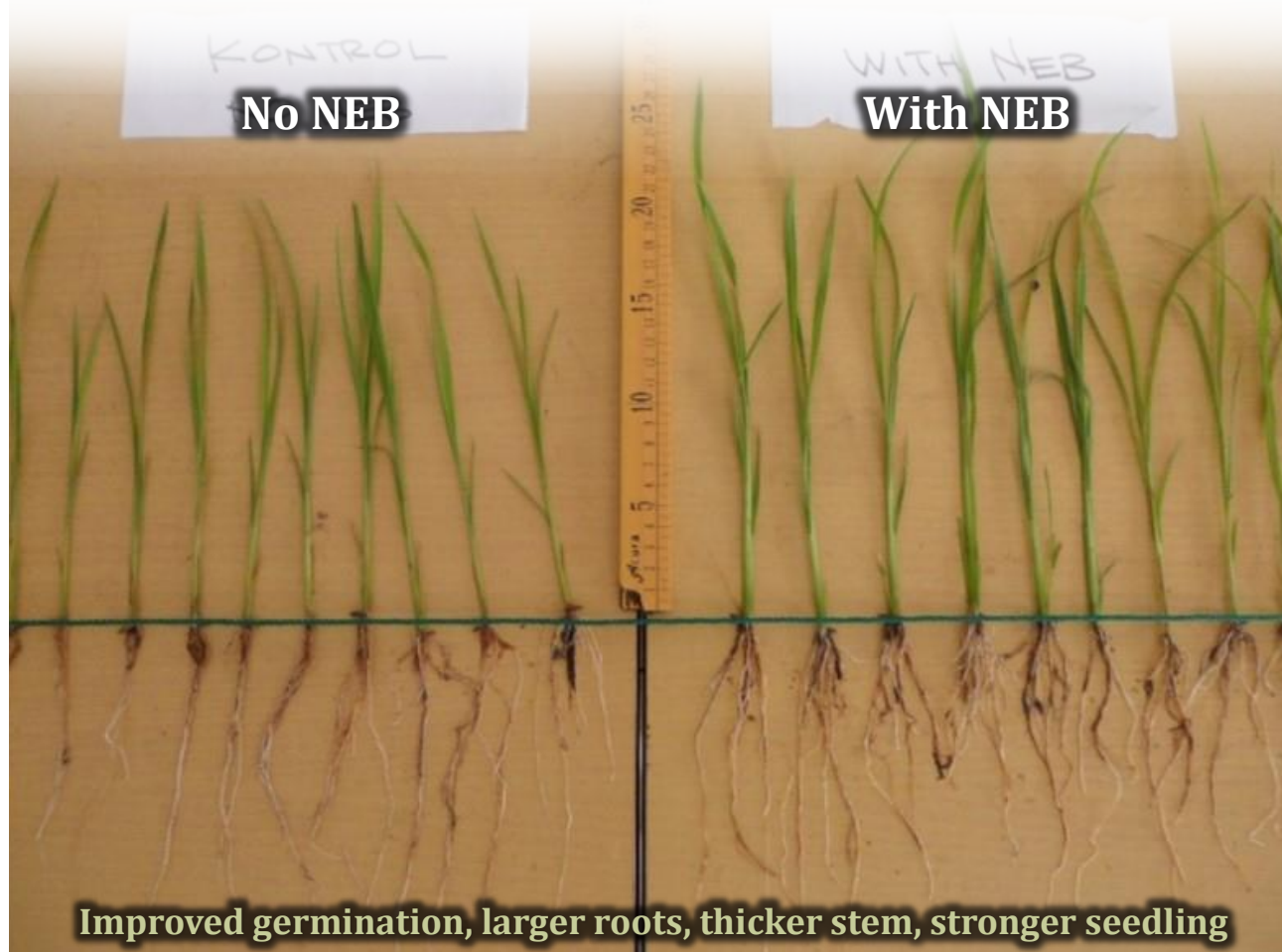
- Application Instructions**
1. Measure 5 kg and put seed in plastic bag or on tarpaulin.
  2. **Dosage: 5 ml NEB per 5 kg rice seed** (1ml/kg) applied direct to seed
  3. Open NEB sachet and pour on to 5 kg rice seed.
  4. Gently mix seeds until equally coated with NEB. If using plastic bag, gently roll bag. If using tarpaulin, mix seeds with hand (NEB is non-toxic, non-hazardous but can use glove if prefer)
  5. When mixing complete, seeds will all have same color
  6. Plant seeds immediately or store for later use

**Fertilizer & Chemical** Follow your normal fertilizer and pest protection program

**Evaluation Recommendation** Evaluate 10 seedlings with NEB and 10 seedlings without NEB three weeks after planting. Carefully remove seedlings with shovel and wash roots with water to remove soil. Evaluate both roots and foliage

**Note: During Evaluation** Notice germination, plant health and vigor, size of roots, thickness of the stem. Many farmers report stronger seedlings that are more resistant to disease and lodging.

**Commercial Application** This dosage is for a quick 3 week trial only. For a field trial taken to yield, apply the field rate of NEB as recommended by Agmor.







# Paddy Rice Demo

## Direct Seeding, wet seed method

**Trial Design** NEB applied directly to the paddy rice seed for direct seed method. NEB applied *after the 24 hour incubation* (after seeds pregerminated, sometimes referred to as *wet seed*).

- Application Instructions**
1. Prepare rice seeds as normal (24 hour soak, drain, 24 hour incubation).
  2. Drain excess water off seed. Get as much water off seed as possible.
  3. Measure 5 kg and put seed in plastic bag or on tarpaulin.
  4. **Dosage: 5 ml NEB per 5 kg rice seed** (1 ml/kg) applied direct to seed
  5. Open NEB sachet and pour on to 5 kg rice seed.
  6. Gently mix seeds until equally coated with NEB. If using plastic bag, gently roll bag. If using tarpaulin, mix seeds with hand.
  7. When mixing complete, seeds will all have same color
  8. Plant seeds immediately following normal direct seed practice

**Fertilizer & Chemical** Follow your normal fertilizer and pest protection program

**Evaluation Recommendation** Evaluate 10 seedlings with NEB and 10 seedlings without NEB three weeks after planting. Carefully remove seedlings with shovel and wash roots with water to remove soil. Evaluate both roots and foliage

**Note during evaluation** Notice germination, plant health and vigor, size of roots, thickness of the stem. Many farmers report stronger seedlings that are more resistant to disease and lodging.

**Commercial Application** This dosage is for a quick 3 week trial only. For a field trial taken to yield, apply the field rate of NEB as recommended by Agmor.



No NEB

With NEB

Larger roots, thicker stem, stronger seedlings

Paddy Rice Demo (Direct Seed, Wet Method)