

Crop Soybeans

Location Arise-Research and Discovery, Inc.
Martinsville, IL - 2007

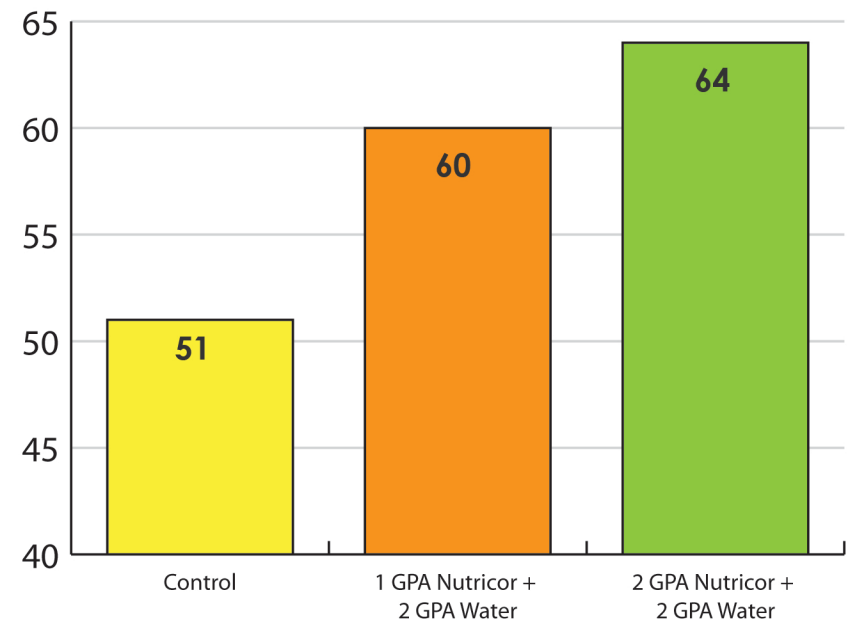
Objective Evaluate the benefit of Nutricor™ dilution rates on soybean yield.

Methodology Soybean was planted in a Piasa silty clay loam on May 15 at Arise Research and Discovery, Inc. in Martinsville, Illinois using a randomized complete block study with 3 replications. Soybean seed was planted at a rate of 150,000 seeds/A. Seedling emergence occurred on May 22 and plants were harvested on September 20 with moisture, test weight and yield measured and recorded.

Treatment Applications In addition to base fertilizer, Nutricor 5-4-4-3(S) was applied in-furrow and diluted with water at rates of 1:2 and 1:1. The field used for this trial was tested and fertilized with 100 lbs./A 11-52-0, 200 lbs./A of 0-0-60 and limed with pelletized lime at the rate of 300 lbs./A the prior Fall. Specific treatments are:

1. **Standard Control** - No additional treatment
2. **1 GPA Nutricor + 2 GPA Water** - 1 GPA Nutricor in-furrow at planting diluted 1:2 with 2 gallons water.
3. **2 GPA Nutricor + 2 GPA Water** - 2 GPA Nutricor in-furrow at planting diluted 1:1 with 2 gallons water.

Soybean Yield (bu/A) with Nutricor™



Results 1 gallon of Nutricor™ diluted 1:2 and applied in-furrow increased yield by 9 bu/A (+18%) compared with the control. 2 gallons of Nutricor diluted 1:1 increased yield by 13 bu/A (+25%).