

**Crop** Corn

**Location** Arise Research  
Martinsville, IL - 2006

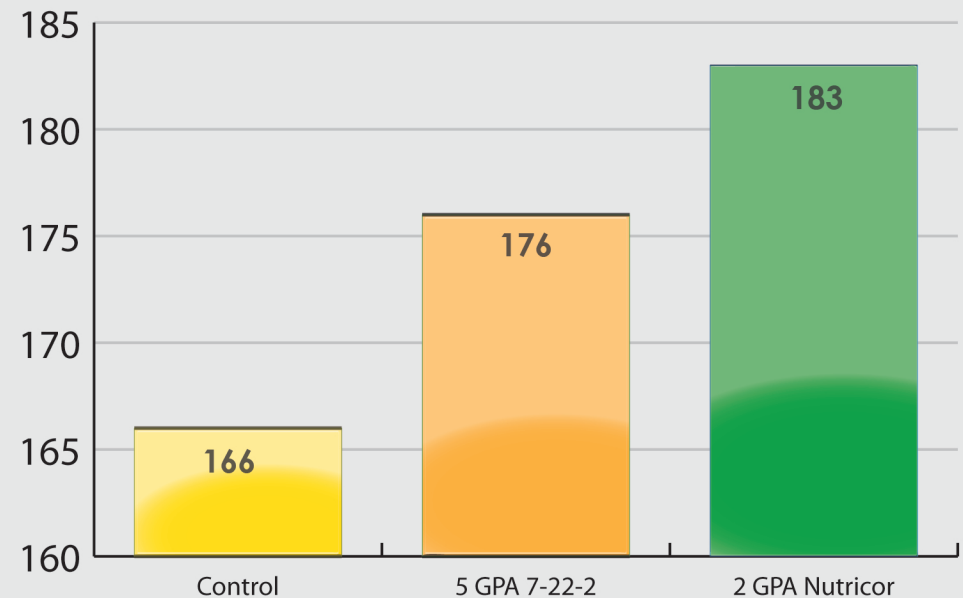
**Objective** Evaluate the benefit of applying Nutricor™ as an in-furrow starter on corn yield.

**Methodology** Corn was planted in a Piasa silty clay loam on May 31, 2006 at Arise Research Center, Martinsville, Illinois in a randomized complete block design with 3 replications. Corn rows were planted on 30 inch centers. Liming, insecticide and fungicide programs were employed as is recommended and customary for the crop and location. Nutricor was applied in-furrow at 2 gallons per acre (GPA) using a 1:1 water to product dilution. The corn crop was harvested on October 12, 2006 and moisture, test weight and yield were measured and recorded.

**Treatment Applications** Nutricor 5-4-4-3(S) was compared to a generic 7-22-2 "starter fertilizer". The field used for this experiment was soil tested and fertilized with potash in the prior fall. Specific treatments are:

- 1. Standard Control** - 80 lbs./A nitrogen (N) pre-plant with 80 lbs./A N applied as a side-dress three (3) weeks after planting.
- 2. 5 GPA 7-22-2** "starter" in-furrow at planting with 40 lbs./A of N pre-plant and 80 lbs./A of N applied as a side-dress three (3) weeks after planting
- 3. 2 GPA Nutricor** in-furrow at planting with 40 lbs./A of N pre-plant and 80 lbs./A of N applied as a side-dress three (3) weeks after planting

**Corn Yield (bu/A) with Nutricor™ Applied In-furrow**



**Results** 2 GPA Nutricor™ applied in-furrow generated 17 bu/A (+10%) more than the control and 7 bu/A (+4%) more than a 7-22-2 starter.