

Crop Corn
Location Agri-Tech Consulting
 Whitewater, WI - 2013

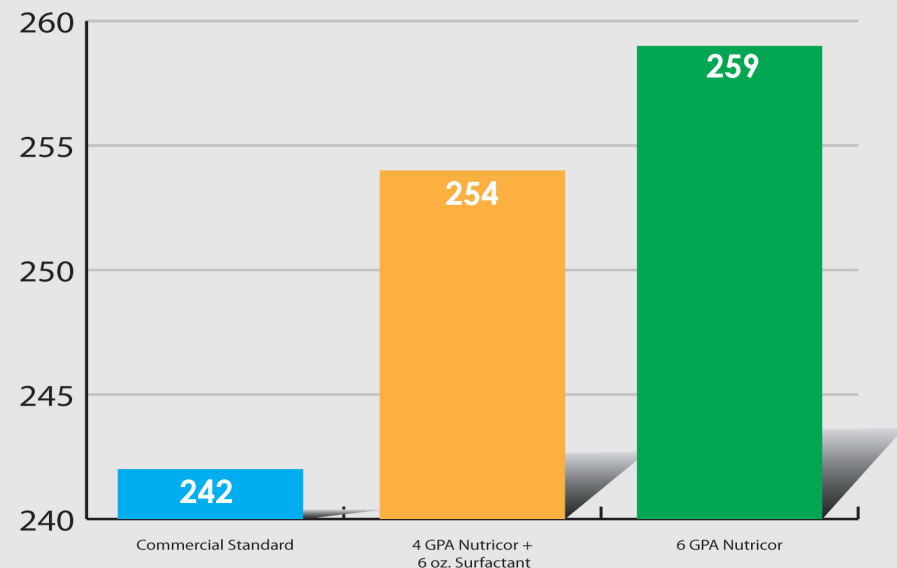
Objective Evaluate the benefit of Nutricor™ on corn yield when applied with a reduced standard fertility program and a surfactant.

Methodology Corn was planted in a Plano silt loam on May 17 at Agri-Tech Consulting, Whitewater, Wisconsin using a randomized complete block design with 4 replications. Corn rows were planted on 30 inch centers at 35,000 seed/A. The previous crop was soybeans. Commercial Standard fertilizer application used was 350 lbs./A of 46-0-0, 100 lbs./A 0-0-62 on May 7, and 200 lbs./A of 18-46-0 on May 20. For treatments where fertility was reduced, 280 lbs./A of 46-0-0, 80 lbs./A 0-0-62, and 160 lbs./A 18-46-0 were applied respectively. The corn crop was harvested on October 27 and moisture, test weight and yield were measured and recorded.

Treatment Applications Nutricor 5-4-4-3(S) was applied in combination with the commercial standard reduced by 20% and with a surfactant at planting, V-4, and R-1. Specific treatments are:

1. **Commercial Standard** - 350 lbs./A 46-0-0 and 100 lbs./A 0-0-62 on May 7, and 200 lbs./A 18-46-0 on May 20.
2. **4 GPA Nutricor + 6oz. Surfactant** - 2 GPA Nutricor + 2oz. Surfactant applied in-furrow at planting, followed by 2 GPA Nutricor + 4oz. Surfactant applied foliar at V-4.
3. **6 GPA Nutricor** - 2 GPA Nutricor applied in-furrow at planting, 2 GPA Nutricor applied foliar at V-4, and 2 GPA Nutricor applied foliar at R-1.

Corn Yield (bu/A) with Nutricor™
 Applied With Commercial Standard And A Surfactant



Results Nutricor™ combined with standard fertilization reduced by 20%, at a rate of 4 GPA with 6oz. Surfactant, generated 12 bu/A (+5%) more than the Commercial Standard. Nutricor applied at 6 GPA with standard fertilization reduced by 20%, produced 17 bu/A (+7%) more than the Commercial Standard.