

2009 - SOYBEAN TEST
ORTHMAN RESEARCH FARM
LEXINGTON, NEBRASKA

What tested: the cost-effectiveness of using BioGreen™ 3-0-1 @ 3 gals., in-furrow with soybean seeds.

Seed used and population: Asgrow AG3105; planting population 80-85K

Weather conditions: normal to very good moisture levels and timing; below normal growing degree days

Fertility: BioGreen™ 3-0-1 applied in-furrow @ 3 gal./acre

Harvesting note: heavy rains and early snow delayed harvest over a month and caused several bushels/acre reduction in yield.

Yield Results: 2009 (BioGreen™ applied) compared with same field results in 2006, 2007

2009	82 bu/acre (BioGreen™)	
2007	40 bu/acre	} Avg. = 46 bu/acre
2006	52 bu/acre	

BioGreen™ area produced a 78% increase in bu/acre vs. previous avg.

Profitability: BioGreen™ area had **net profit increase of \$326/acre**
(based on \$10.56 cash price)

Researcher's comment about BioGreen™ area and crop:

- Plants were extremely healthy, branched well with subsequent pod development
- Root structure was remarkable, with very good nodulization within top 6-7" of soil
- Bean moisture at harvest was 13.7% and 14.1%

