

# Field Trial Report

## 2011 SEAREC Fungicide Response Study



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| FIELD INFORMATION                              |                                    |  |                        |
|--|------------------------------------|--|------------------------|
| Field Name: YS                                 | Acres: 5                           | 2010 Crop: corn  | 2011 Crop: Soybeans    |
| Soil type: Duffield                            | Field Length: 366 feet             | Tillage: No till                                       | Planting Date: 5/10/11 |
| Soybean Variety: 93M11                         | Seed Treatment: Trilex plus Gaucho | Inoculants: Optimize                                   | Planting Depth: 1inch  |
| Planter/Drill and width: 11 Row 15 inch JD1250 |                                    | Herbicide: Glyphosate+ Canopy f/b Glyphosate f/b Arrow |                        |
| Sprayer/width: 20                              | Combine/width: 15                  | Yield Monitor: yes                                     | GPS capability: No     |
| Guidance system: No                            | Design: Randomized Complete Block  | 4 reps   |                        |

| TREATMENTS EVALUATED                   |
|--|
| 1 Untreated (Trilex + Gaucho base)     |
| 2. Stratego® YLD @ R3 at 4.65 oz./acre |

In this study on the Penn State SEREC research station, disease pressure was very low due to the drought. Under these conditions, the fungicide treatment had no significant impact on yield.

### RESULTS

| Treatment          | Yield       | Moisture    | Test Wt.    |
|--------------------|-------------|-------------|-------------|
|                    | Bu/ac       | %           | Lb/bu       |
| <b>Control:</b>    | <b>62.0</b> | <b>15.3</b> | <b>51.2</b> |
| <b>Fungicide:</b>  | <b>61.3</b> | <b>15.4</b> | <b>51.4</b> |
| <b>Significant</b> | <b>NS</b>   | <b>NS</b>   | <b>NS</b>   |

Notes: Conditions were dry in Late July and August. Disease and insect pressure was low