



Cooperative Extension Crop Demonstration Report

Parish: Concordia
Community: Deer Park
County Agent: Glen Daniels
Cooperator: David and Doug Yates
Crop: Soybeans
Acreage/Plot: 0.12 to 0.26
Soil Type: Silty clay loam
Fertility: Nothing was done
Seeding Rate: 160,000 seed per acre
Row Spacing: 19"
Date Planted: 4/28/03
Date Harvested: 8/25/03

Weed Control & Other Agronomic Data:

One quart of Roundup for burndown. Another treatment of Roundup on 6/8/03. Treated stinkbugs with methyl parathion at 16 oz/A on July 31.

Data:

Variety	Yield (Bu/A adjusted to 13% moisture)
DK 3968 RR	Did not harvest due to rain
AG 4403 (check)	Did not harvest due to rain
DK 3968 RR	51.4
AG 4403 (Untreated fungicide)	61.8
DPX 3940	56.1
TVX 39R302	56.1

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AG 4403 (Treated fungicide)	68.6
DP 3861 RR	55.3
TVX 39RS301	66.0
AG 3905 RR	70.8
DK 3961 RR	62.9

Comments:

Within this Group III field demonstration, there was one additional objective besides yield. There was a hopper box fungicide treatment consisting of System 3 which includes Terrachlor (PNCB 16.6%), Apron (Metalaxyl 4.25%) and Kodiak (*Bacillus subtilis* 0.10%) with Asgrow 4403 which resulted in a 6.8 bushel per acre increase when using this treatment for this respective demonstration. The Delta Pine DPX3940RR is an experimental variety and not available to the public.

Also, this demonstration should have been harvested one week earlier than it was.