

Soybean Varietal Trials —Polk County

Cooperator: Rick Roed
Nearest Town: Fosston
Previous Crop: Wheat
Planting Date: May 13, 2003
Seeding Rate: 180,000 live seeds/acre
Harvest Date: September 23, 2003
Soil Type: Knute Fine Sandy Loam
Conv. Herbicide: 3 oz. Raptor + COC + 28% (6/17/03)
RR Herbicide: 1 qt. Roundup Ultra (6/23/03)
Soil Test Data: NO-3-N 0-6" = 52 lb/acre
 6-24" = 118 lb/acre
 Olsen P 55 ppm
 Potassium 267 ppm
 Organic Matter 4.90%
 Carbonate (CCE) 0.60%
 Soluble Salts 0-6" = .38 mmho/cm
 6-24" = .38mmho/cm
 pH 6.9

Conventional Soybean Variety Trial

Variety	Yield	Protein %	Oil %
Pioneer 90B43	59.5	34.2	19.9
Ledgend 0557	56.2	34.2	20.2
Stine 0300-0	51.8	34.5	19.5
MN 0302	50.6	34.4	19.7
ND Walsh	50.2	34.3	20.4
Mycogen 5007	50.0	34.2	19.8
ND Traill	50.0	35.9	19.4
LSD (0.05)	2.9	0.7	0.4

Roundup Ready Soybean Variety Trial

Variety	Yield	Protein %	Oil %
Pioneer 90B74	62.4	34.6	19.4
Monsanto Asgrow AG0301	61.5	33.0	20.0
Pioneer 90B51	61.1	34.5	19.9
Monsanto Dekalb DKB009-51	59.1	34.2	19.8
Legend 0091	57.7	35.8	20.0
Hyland RR Rugged	57.0	33.6	20.9
Mycogen Atlas 5B051	57.0	36.5	18.9
Wensman 2020	56.4	33.6	20.6
Hyland RR Regal	55.8	34.5	19.6
Stine SO330-4	55.6	36.3	19.5
Wensman W20091	55.3	35.3	19.5
Stine SO236-4	54.4	34.8	20.2
Mycogen Atlas 5B008	52.3	35.2	19.5
Legend 0082	49.7	34.2	20.6
LSD (0.05)	6.2	0.6	0.6



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For additional information:
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