

2012 Round Up Ready Soybean Plots

Company Name	Variety Name	Maturity	Roehl & R. Jennen Sites Combined			
			Yield Rank	Average Yield @ 13.0%	Moisture %	Test Wt. Lbs/Bu
Asgrow	0732	0.7	3	59.2	9.6	56.3
Asgrow	1431	1.4	6	58.1	10.4	56.6
Pioneer	91Y41	1.4	8	56.5	9.7	56.8
Pioneer	90Y70	0.7	11	53.8	9.5	57.3
Syngenta	S08-G1	0.8	11	53.8	9.0	56.9
Syngenta	S08-G7	1.0	7	56.6	9.5	57.7
Croplan	R2T0601	0.6	5	58.2	9.3	56.9
Croplan	R2C1531	1.5	2	60.2	10.5	57.3
Wensman	3058	0.5	9	56.4	9.2	56.2
Wensman	3120	1.2	4	58.4	11.5	56.5
Channel	0501R2	0.5	10	55.7	9.1	56.3
Channel	1405R2	1.4	1	62.0	10.8	56.8
AVERAGE		1.3		57.4	9.8	56.8

Yield @ 13% Bu/A	
John Roehl Otter Tail County	Richard Jennen Grant County
56.0	62.3
56.1	60.1
53.0	59.9
53.7	53.8
52.3	55.3
51.5	61.6
55.2	61.2
52.0	68.3
55.1	57.6
52.3	64.4
53.2	58.2
55.7	68.2
53.8	60.9

LSD (P=.10) *	4.6	0.9	
CV **	5.6	6.3	1.4
Treatment Prob (F)	0.0332	0.0001	NS

	5.2
3.1	3.9
NS***	0.0012

* Least significant differences, value in which statistical differences exist between entries. (P=.10)

** Coefficient of variance, reflects site variability (lower is better).

*** No significant differences statistically detected.

2012 Round Up Ready Soybean Trial

Cooperator:	John Roehl	PH Level:	7.3	Soluble Salts:	
Town:	Fergus Falls	Prev Crop:	Corn	Herbicide:	24 oz. of Roundup
County:	Otter Tail	Plant Date:	3/25/2012	Insecticide:	No
Township:	Orwell	Harvest Date:	9/18/2012	# of Rows:	9
Section:	2	Planting Rate:	180,000	Width per Row (in.):	15
		Rolled:	Yes	Fertilizer (lb):	

Variety No.	Company Name	Brand Name	Maturity	Row Length Distance Ft.	Moisture %	Test Wt lbs/Bu.	Yield @ 13% Bu/A
	Asgrow	0732	0.7	589	11.1	56.3	56.0
	Asgrow	1431	1.4	589	10.9	57.0	56.1
	Pioneer	91Y41	1.4	589	10.9	56.2	53.0
	Pioneer	90Y70	0.7	589	10.8	58.0	53.7
	Syngenta	S08-G1	0.8	589	9.7	57.5	52.3
	Syngenta	S08-G7	1.0	589	10.1	58.3	51.5
	Croplan	R2T0601	0.6	589	10.1	57.2	55.2
	Croplan	R2C1531	1.5	589	11.2	57.0	52.0
	Wensman	3058	0.5	589	10.3	56.2	55.1
	Wensman	3120	1.2	589	11.2	56.7	52.3
	Channel	0501R2	0.5	589	9.7	56.3	53.2
	Channel	1405R2	1.4	589	10.8	57.0	55.7
AVERAGE			1.3		10.6	57.0	53.8

LSD (P=.10) *	0.3		
CV **	1.4	1.8	3.1
Treatment Prob (F)	0.000	NS***	NS

* Least significant differences, value in which statistical differences exist between entries. (P=.10)

** Coefficient of variance, reflects site variability (lower is better).

*** No significant difference statistically detected

Weigh Wagon Provided by: Craig LaVoi, New Horizons Ag Services

Erin Anderson, New Horizons Ag Services

Supervised by:

2012 Round Up Ready Soybean Trial

Cooperator: Richard Jennen IV
 Town: Elbow Lake
 County: Grant
 Township: Pomme De Terre
 Section: 30

PH Level: 7.8
 Prev Crop: Corn
 Plant Date: 5/18/2012
 Harvest Date: 9/24/2012
 Planting Rate: 172,000
 Rolled: Yes

Fungicide: 3 oz Headline
 Soluable Salts: 0.52
 Herbicide: 2 passes 28 oz Roundup Ultra and 2oz Fucilate
 Insecticide: 6.4 oz Asana 8 oz Lorsban
 # of Rows: 5
 Width per Row (in.): 20
 Fertilizer (lb): No

Variety No.	Company Name	Brand Name	Maturity	Row Length Distance Ft.	Moisture %	Test Wt lbs/Bu.	Yield @ 13% Bu/A
	Asgrow	0732	0.7	930	8.2	56.3	62.3
	Asgrow	1431	1.4	930	10.0	56.3	60.1
	Pioneer	91Y41	1.4	930	8.6	57.4	59.9
	Pioneer	90Y70	0.7	930	8.3	56.7	53.8
	Syngenta	S08-G1	0.8	930	8.3	56.3	55.3
	Syngenta	S08-G7	1.0	930	8.9	57.1	61.6
	Croplan	R2T0601	0.6	930	8.5	56.6	61.2
	Croplan	R2C1531	1.5	930	9.8	57.6	68.3
	Wensman	3058	0.5	930	8.2	56.3	57.6
	Wensman	3120	1.2	930	11.7	56.2	64.4
	Channel	0501R2	0.5	930	8.4	56.4	58.2
	Channel	1405R2	1.4	930	10.8	56.5	68.2
AVERAGE			1.3		9.1	56.6	60.9

LSD (P=.10) *	0.8	1.0	5.2
CV **	4.2	0.8	3.9
Treatment Prob (F)	0.0001	0.0851	0.0012

* Least significant differences, value in which statistical differences exist between entries. (P=.10)

** Coefficient of variance, reflects site variability (lower is better).

Weigh Wagon Provided by: Craig LaVoi, New Horizons Ag Services
 Erin Anderson, New Horizons Ag Services

Supervised by: Doug Holen, University of Minnesota Extension