

2010 York County Corn Grower Variety Comparison Plot

Cooperators: Ray & Ron Makovicka, York, NE.

Plot Size: 26 entries and 14 checks.

Plot Location: Located East of York on Road 14 between O & P.

Check Variety: Pioneer P1508HR.

Planting Rate: 32,500 with JD7300 finger pickup planter.

Soil Types: Hastings Silt Loam.

Crop Rotation: Corn following soybeans.

Herbicide: banded 1 qt. Lexar. Post-1 qt. generic RoundUp.

Fertility: 150 # N/acre as anhydrous ammonia applied in the fall of 2009

3.5 #'s N/acre starter - 3 gallons 10-34-0 at planting time.

150#/acre 11-52-0.

Fungicides: 6.0 oz. of Headline fungicide aerial applied to south half of field on 7/22/10.

Tillage: Ridge-Till into soybean residue, root sliced just prior to planting, one cultivation.

Irrigation: Pivot Irrigation - 3 passes with pivots totaling 2.5 inches applied.

Planting: Planted 4/29/10 Emerged: 5/15/10

Harvested: Harvested 10/4/10.

Scouted by: Aaron Ehlers and Jeff Kugler of Servi-Tech Inc.

Thank You: UFC - Waco for moisture & test weights. Fontanelle for providing soil moisture monitoring equipment.

Plot	Company	Number	Pop.	% H2O	Test Wt.	Yield	Tester Yield	Adj. Yield	Final Rank
1	Pioneer	P1508HR	30,000	17.70%	58.7		230.60		
2	GH	H-9084 GT/CB/LL	31,500	18.00%	55.6	234.60		225.43	15
3	GH	H-9377 GT/CB/LL	31,000	19.60%	54.9	243.67		234.89	7
4	Pioneer	P1508HR	29,500	17.80%	60.9		229.45		
5	Croplan	6531VT3	30,000	18.70%	55.7	235.66		227.43	12
6	Croplan	6926VT3/P	30,500	17.30%	58.9	218.56		210.50	25
7	Pioneer	P1508HR	31,000	17.50%	60.2		228.92		
8	Stine	9806 VT3	32,000	21.30%	55.8	233.60		226.25	14
9	Stine	9728 VT3PRO	30,500	19.50%	56.9	221.76		214.93	23
10	Pioneer	P1508HR	31,000	17.40%	61.3		227.35		
11	Mycogen	2T699	30,500	16.00%	57.6	226.85		221.41	20
12	Mycogen	2V732	30,000	17.00%	58.2	225.42		220.84	21
13	Pioneer	P1508HR	30,000	17.10%	60.5		224.75		
14	Excell Hybrids	5956 VT3Pro	30,500	17.40%	58.1	224.53		223.49	17
15	Excell Hybrids	6238 YGVT3	30,500	16.90%	58.2	235.29		236.93	6
16	Pioneer	P1508HR	31,000	17.10%	60.2		216.74		
17	Pioneer	P1625HR	31,000	18.10%	60.3	235.66		239.55	4
18	Pioneer	33P84	29,500	16.40%	61.0	221.92		225.38	16
19	Pioneer	P1508HR	31,000	17.10%	62.2		218.01		
20	Jacobsen See	9697 3000 GT	31,500	17.90%	56.8	215.81		218.96	22
21	Jacobsen See	9647 VT3	30,000	16.50%	56.9	209.44		212.71	24
22	Pioneer	P1508HR	31,000	17.60%	60.7		217.67		
23	Producers	7394 VT3	31,500	17.70%	56.9	242.54		244.73	1
24	Producers	7414 VT3	30,500	18.50%	55.7	231.72		232.72	8
25	Pioneer	P1508HR	29,500	17.10%	58.3		221.23		
26	Channel	210-61VT3	30,500	16.50%	58.1	228.55		229.14	10
27	Channel	216-63VT3P	30,000	17.70%	58.5	237.39		238.76	5
28	Pioneer	P1508HR	30,000	17.50%	60.4		218.90		
29	LG	2549VT3	31,000	16.60%	56.1	225.03		226.90	13
30	LG	2620VT3	30,000	18.30%	56.7	242.12		243.71	2
31	Pioneer	P1508HR	30,000	17.30%	60.3		219.73		
32	DeKalb	DKC63-84 VT3	31,500	15.90%	57.7	228.31		230.04	9
33	DeKalb	DKC62-63 GENVT3P	29,500	15.30%	59.4	220.74		222.88	18
34	Pioneer	P1508HR	31,000	17.10%	61.1		218.50		
35	AgriGold	A6553VT3	31,500	18.40%	57.1	222.67		228.11	11
36	AgriGold	A6476VT3PRO	30,000	16.50%	58.9	213.58		221.90	19
37	Pioneer	P1508HR	31,000	17.20%	60.3		209.84		
38	Fontanelle	7A108	31,500	15.60%	58.3	198.66		208.83	26
39	Fontanelle	8V777	30,500	16.60%	59.6	233.58		242.71	3
40	Pioneer	P1508HR	31,500	17.50%	60.5		212.97		
Plot Average			30,654	17.47%	57.6	227.22		227.27	
Pioneer P1508HR Average			30,536	17.36%	60.4		222.05		
Pioneer P1508HR Yield Range			209.84		230.60				
Pioneer P1508HR Yield Spread			20.76						
Pioneer P1508HR Moisture Range			17.1%	17.80%					
Pioneer P1508HR Moisture Spread			0.7%						

For more Information Contact: Gary Zoubek, Extension Educator

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2010 York County UNL Roundup Ready Soybean Plot

- Cooperator: Jerry Stahr, York, NE.
- Plot Location: East of York on Road 14 just East of the railroad tracks.
- Plot Size: 20 entries and 11 checks. Check variety was Croplan RT2610.
- Soil Types: Hastings & Hord Silt Loam 0-6%.
- Irrigation: Pivot Irrigation.
- Planting: Planted May 22, 2010 into disc corn stalk residue. Eight row plots and 30 inch rows.
- Seeded at 140,000 - 150,000. Emerged 5/29/2010.
- Harvested: Harvested October 6, 2010.

Plot #	Company	Number	% Moisture	Test Wt. Weight	Yield	Check Yield	Adjusted Yield	Final Rank
1	Croplan	RT2610	8.1	56.8		63.6		
2	LG	C2895R2	8.3	57.6	63.2		64.5	12
3	LG	C3266R2	8.1	58.1	61.1		63.0	16
4	Croplan	RT2610	8.2	57.0		62.0		
5	Monsanto	AG3130	8.0	57.9	68.4		70.8	1
6	Monsanto	AG3030	8.3	56.5	60.0		62.4	17
7	Croplan	RT2610	8.1	55.8		62.1		
8	Stine	29RA20	7.7	60.4	63.4		66.2	7
9	Stine	30RA22	8.1	57.5	63.6		66.9	4
10	Croplan	RT2610	8.0	57.6		60.8		
11	NuPride	9320RR2	8.0	57.6	63.3		66.4	6
12	Excel	8252RR	8.4	56.6	62.8		65.5	10
13	Croplan	RT2610	8.1	56.3		62.4		
14	Fontanelle	70NO4	8.2	56.8	63.2		65.4	11
15	Fontanelle	70N10	8.0	58.7	59.9		62.2	18
16	Croplan	RT2610	8.1	56.5		61.9		
17	NK	S31-L7	8.1	58.3	59.7		61.4	19
18	NK	S28-64	8.5	56.7	59.5		60.5	20
19	Croplan	RT2610	8.4	56.1		64.2		
20	Jacobsen Seed	991 NR2	8.4	57.7	67.1		66.1	8
21	Jacobsen Seed	966 NR	8.2	57.8	65.3		63.0	15
22	Croplan	RT2610	8.4	57.7		67.9		
23	Mycogen	5B261RR	8.5	56.8	68.4		65.6	9
24	Mycogen	5B251RR	8.3	55.0	69.0		66.7	5
25	Croplan	RT2610	8.4	56.9		66.1		
26	Channel	3002 R2	8.4	57.5	70.5		67.6	3
27	Channel	3303 R2	8.1	56.6	73.4		69.3	2
28	Croplan	RT2610	8.6	56.4		69.8		
29	Croplan	RT2547	8.6	57.3	69.2		64.5	13
30	Croplan	R2C3430	8.0	58.6	68.3		64.1	14
31	Croplan	RT2610	8.5	56.9		68.1		
Plot Average			8.2	57.5	65.0		65.1	
Croplan RT2610 Average			8.3	56.7	64.4			
Croplan RT2610 Yield Range			60.5	70.8				
Croplan RT2610 Yield Spread			10.3					
Croplan RT2610 Moisture Range			8.1	8.6				
Croplan RT2610 Moisture Spread			0.5					
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