

# 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%						

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