

# 2012 York County Corn Grower Variety Comparison Plot

**Cooperators:** Ray & Ron Makovicka, York, NE.

**Plot Location:** Located West of York on North or Hwy 34 1/2 mile North on Road I.

**Plot Size:** 22 entries and 13 checks.

**Check Variety:** Pioneer P1498HR.

**Soil Types:** Hastings Silt Loam 0-11% Slope.

**Planting Rate:** 34,000 with JD1710 Vacum planter.

**Crop Rotation:** Continuous corn.

**Fertility:** Pre-plant: 200 lbs. 82% fall applic  
Starter: 3 gallons 10-34-0

**Herbicide:** 3/28/2012 22 oz. RoundUp Power Max + 6 oz. 2,4-D  
4/21/2012 2.1 qts. Brawl II ATZ (Bicep II Magnum)  
5/25/2012 22 oz. RoundUp Power Max + 1/2 oz. Impact

**Insecticide/Fungicide:** 4/21/2012 Planting 6.8 oz. Capture LFR + 2 oz. Hero  
5/25/2012 Post 2.0 oz. Stratego YLD  
7/3/2012 Aerial App 10.5 oz. QuiltXcel + 1 pint Lorsban 4E + 5 oz. Herc

**Tillage:** Ridge-till.

**Irrigation:** Center Pivot      **Rainfall:** 3.09"      **Irrigation:** 10.4"

**Planting:** Planted 4/21/12

**Harvested:** Harvested 10/2/12.

**Agronomist:** Brian Bresnahan, Benedict

**Thank You:** UFC - Waco for Moisture and Test Weights.

**Planting Order:** Randomized by company      **Check Hybrid:** Pioneer P1498HR      **Plot size:** 6 rows

Company	Number	Lodged	Pop.	% H2O	Test Wt.	Yield	Tester Yield	Adj. Yield	Final Rank
Tester - Pioneer	P1498HR	0.00%	30,000	13.70%	64.20		237.13		
AgriGold	A6517VT3Pro 500Vo	1.56%	32,000	12.90%	59.00	246.62		251.33	6
AgriGold	A6476VT3Pro 500Vo	0.00%	33,000	13.10%	61.20	249.23		251.35	5
Tester - Pioneer	P1498HR	0.00%	30,500	14.00%	63.20		244.92		
Wilbur-Ellis Integra	INT9631VT3Pro	0.00%	31,500	13.70%	62.30	240.49		240.51	14
Wilbur-Ellis Integra	INT9613VT3Pro	1.52%	33,000	13.20%	60.70	240.55		241.08	12
Tester - Pioneer	P1498HR	0.00%	33,000	14.00%	62.90		243.40		
Producers	7574VT3Pro	0.00%	33,500	13.80%	60.30	261.25		262.94	1
Producers	7394VT3	0.00%	33,000	13.10%	59.40	249.84		252.18	4
Tester - Pioneer	P1498HR	1.54%	32,500	13.90%	62.80		241.45		
Channel	211-99VT3P	1.54%	32,500	12.60%	62.10	249.94		251.31	7
Channel	213-40VT3P	0.00%	31,000	14.00%	60.60	256.18		255.93	3
Tester - Pioneer	P1498HR	0.00%	33,000	13.80%	63.20		246.31		
DeKalb	DKC63-87	1.54%	32,500	13.20%	61.00	248.53		246.88	10
DeKalb	DKC 62-97	0.00%	32,500	13.20%	61.60	250.68		249.24	9
Tester - Pioneer	P1498HR	0.00%	31,500	13.70%	62.80		245.68		
Garst	84H71-3000GT	3.08%	32,500	13.90%	61.50	239.12		236.56	20
Garst	83G41-3000GT	0.00%	32,000	13.40%	61.00	244.71		240.84	13
Tester - Pioneer	P1498HR	0.00%	32,000	13.60%	62.80		249.64		
Croplan	6160VT3/P	0.00%	29,500	12.70%	62.20	239.30		235.09	21
Croplan	6525VT3/P	1.59%	31,500	13.10%	61.90	240.72		237.51	18
Tester - Pioneer	P1498HR	0.00%	33,500	14.10%	62.70		246.66		
Stine Seed	9731 VT3 Pro	1.54%	32,500	13.80%	60.10	253.73		250.23	8
Stine Seed	9733 VT3 Pro	1.67%	30,000	14.40%	61.00	243.89		239.12	17
Tester - Pioneer	P1498HR	0.00%	29,500	13.80%	62.70		250.47		
Tester - Pioneer	P1498HR	0.00%	31,500	14.20%	62.30		239.60		
Syngenta	H - 9138 3000 GT	0.00%	31,500	16.40%	60.40	241.54		245.77	11
Syngenta	H - 9377 3111	0.00%	32,000	17.70%	57.60	235.65		239.26	16
Tester - Pioneer	P1498HR	0.00%	32,000	14.30%	62.80	241.44	241.44		
Renze Seeds	CX 25113 HXT, LL, RR	1.54%	32,500	15.10%	58.90	230.88		232.99	22
Renze Seeds	3410 SST	0.00%	32,000	15.70%	58.90	239.09		240.31	15
Tester - Pioneer	P1498HR	0.00%	32,000	14.00%	63.30	244.11	244.11		
Pioneer	P1324HR	0.00%	32,500	13.10%	63.10	237.65		237.04	19
Pioneer	P2088HR	0.00%	32,000	16.30%	60.80	258.41		256.86	2
Tester - Pioneer	P1498HR	0.00%	31,000	13.90%	62.20	246.93	246.93		
Plot Average			32,045	14.02%	60.7	245.36		245.20	
Pioneer P1498HR Average							244.44		
Pioneer P1498HR Yield Range					237.13	250.47			
Pioneer P1498HR Yield Spread						13.34			
Pioneer P1498HR Moisture Range				13.60%	14.30%				
Pioneer P1498HR Moisture Spread						0.70%			

For more Information Contact: Gary Zoubek, Extension Educator

Phone: 402-362-5508      Email: [gary.zoubek@unl.edu](mailto:gary.zoubek@unl.edu)      [gzoubek1@unl.edu](mailto:gzoubek1@unl.edu)



## 2012 York County UNL Roundup Ready Soybean Plot

- Cooperator: Jerry Stahr, York, NE.
- Plot Location: East of York on Road 14 between Road O & P.
- Plot Size: 14 entries and 8 checks. Check variety was Syngenta NK S28-K1.
- Soil Types: Hastings & Hord Silt Loam 0-6%.
- Irrigation: Pivot Irrigation.
- Planting: Planted May 13, 2012 into corn stalk residue. Eight row plots and 30 inch rows.
- Seeded at 130,000.
- Harvested: Harvested September 19, 2012.

		Test		Adjusted			
		Moisture	Weight	Yield	Yield	Yield	Rank
1	Syngenta NK S28-K1	9.30%	58.0		80.8		
2	Asgrow AG3432	18.10%	53.1	83.9		84.9	5
3	Asgrow Ag2431	8.00%	56.7	88.1		88.6	1
4	Syngenta NK S28-K1	9.50%	57.8		82.2		
5	Renze Seeds 3382 R2CN	12.50%	57.1	83.1		82.7	8
6	Renze Seeds 3151 R2CN	10.90%	57.2	79.0		78.0	13
7	Syngenta NK S28-K1	9.50%	57.6		83.6		
8	Croplan R2C2812	9.30%	57.0	81.0		80.0	11
9	Croplan R2T2440	9.10%	56.5	86.2		85.7	4
10	Syngenta NK S28-K1	9.40%	57.3		82.3		
11	Wilbur-Ellis Integra 22410	9.10%	56.6	88.4		88.2	2
12	Wilbur-Ellis Integra 22410	9.20%	56.6	86.8		86.4	3
13	Syngenta NK S28-K1	9.40%	57.8		82.7		
14	Syngenta NK Brand S28 - I	9.60%	57.5	85.0		84.7	6
15	Syngenta NK Brand S30 - I	9.70%	57.4	80.8		80.7	10
16	Syngenta NK S28-K1	10.00%	57.8		82.2		
17	Stine Seed 29RB22	9.80%	57.8	78.1		78.4	12
18	Stine Seed 30RA02	13.80%	57.0	84.1		84.7	6
19	Syngenta NK S28-K1	10.00%	57.7		81.4		
20	Channel 2705R2	10.10%	57.6	76.5		76.9	14
21	Channel 3402R2	13.30%	56.2	81.7		81.8	9
22	Syngenta NK S28-K1	10.30%	57.6		82.5		
<b>Plot Average</b>		<b>10.89%</b>	<b>56.7</b>	<b>83.1</b>		<b>83.0</b>	
Syngenta NK S28-K1 Average		9.68%	57.7		82.2		
Syngenta NK S28-K1 Yield Range		80.8	83.6				
Syngenta NK S28-K1 Yield Spread		2.8					
Syngenta NK S28-K1 H <sub>2</sub> O Range		9.3	10.3				
Syngenta NK S28-K1 H <sub>2</sub> O Spread		1.0					
<p><b>For more information contact: Gary Zoubek, Extension Educator</b>  <b>Phone: 402-362-5508</b> <span style="float: right;">gary.zoubek@unl.edu</span></p>							