

# 2018 York County Corn Grower Variety Comparison Plot

**Cooperators:** Ron and Brad Makovicka, York, NE

**Plot Location:** East of York on Road 14, North side between O & P.

**Plot Size:** 12 entries and 7 checks

**Check Variety:** Midland 656 PRRIB

**Soil Types:** Hastings Silt Loam

**Planting Rate:** 32,000

**Previous Crop:** Corn

**Fertility:** Preplant (125# 11-52-0, 100# AMS, 200# Fall applied AA)

Starter (3 gal 10-34-0)

**Herbicide:** Preplant (3 pt Weedmaster)

Planting (1 Qt Staunch II, 1 Qt Atrazine)

Post (32 oz Durango, 1 oz/A Impact, 1 pt/A Atrazine)

**Insecticide:** Planting (8oz Brigade)

**Insecticide+Fungicide:** 7/10/18 - 10 oz Frenzy Attack, 8 oz Govern 4E 8/3/18 - 6 oz Aframe, 3 oz Onset

**Tillage:** Ridge Till

**Irrigation:** 1.5"

**Planting:** 4/28/18

**Harvested:** 10/19/18

**Agronomist:** Brian Bresnahan, Benedict

**Planting Order:** Randomized by company (West to East)

Company (West to East)	Pop.	% Greensnap	% Stalk Rot	% H <sub>2</sub> O	Test Wt.	Yield	Tester Yield	Adj. Yield	Final Rank
<b>Hybrid</b>	<b>Number</b>								
*Midland	656 PRRIB	29,000	3.5%	7.5%	18.1%	59.0	221.3		
Golden Harvest	G14V04-3000GT	30,500	4.0%	5.0%	18.4%	55.6	256.9	266.09	3
Golden Harvest	G15L32-3000GT	30,000	2.0%	7.5%	19.3%	58.0	259.1	264.82	4
Midland	656 PRRIB	28,000	12.5%	2.5%	18.0%	60.2	231.6		
ChampionSeed	65A17 SmartStax	28,000	1.5%	0.0%	17.4%	56.4	241.4	240.09	11
ChampionSeed	66A18 SmartStax	31,500	2.5%	0.0%	17.4%	58.4	261.6	256.66	7
Midland	656 PRRIB	28,500	22.0%	10.0%	18.3%	59.8	242.4		
Midland	429 RIB	28,500	5.5%	7.5%	17.2%	57.7	250.5	241.54	10
Midland	656 PRRIB	29,000	9.0%	10.0%	18.0%	59.3	239.1	229.54	12
Midland	656 PRRIB	32,000	8.0%	10.0%	17.8%	60.2	244.0		
AgriGold	A6544 STXRIB	32,500	0.5%	15.0%	18.1%	58.2	268.8	260.98	5
AgriGold	A6652 STXRIB	31,000	1.0%	2.5%	17.2%	56.2	254.8	249.16	8
Midland	656 PRRIB	29,000	9.5%	12.5%	17.8%	58.9	237.3		
LG	5643	32,000	1.0%	0.0%	17.9%	57.6	269.0	266.81	***1
LG	5700	31,000	1.0%	0.0%	17.5%	55.5	258.3	257.24	6
Midland	656 PRRIB	29,500	14.0%	2.5%	18.0%	59.4	233.8		
Hefty	H6614	**25000	0.5%	0.0%	17.7%	55.2	241.8	242.45	9
Hefty	H6714	28,500	3.5%	2.5%	18.3%	59.8	265.6	266.80	2
Midland	656 PRRIB	27,500	9.0%	15.0%	18.1%	59.7	232.1		
	Plot Average	29,778	5.8%	5.8%	17.9%	58.2	255.6	234.6	253.52

Midland 656 PRRIB Yield Range 221.3  
 Midland 656 PRRIB Yield Spread 244.0  
 Midland 656 PRRIB Moisture Range 17.80%  
 Midland 656 PRRIB Moisture Spread 18.30%



\*June 30th windstorm affected tester at the stage it was at in development. Broke off above the ear-small ears developed & included in plant pop.

\*\*Gaps in plant spacing affected plant population

\*\*\*Adjusted yield to 2 decimal spots due to a tie between hybrids for final rank.

For more information contact Jenny Rees, Extension Educator

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