

2017 York County Corn Grower Variety Comparison Plot

Cooperators: Ron and Brad Makovicka, York, NE

Plot Location: Road I, NE¼ of 29-11-3.

Plot Size: 16 entries and 10 checks

Check Variety: Golden Harvest G14R38-3000GT

Soil Types: Hastings Silt Loam

Planting Rate: 33,500

Previous Crop: Corn

Fertility: 210 lbs N spring applied anhydrous ammonia, 130 lbs MESZ dry, 3 gal 10-34-0 at planting

Herbicide: pre: 1 pt/ac Brash

planting: 2 pt/ac Lexar

6/6/17 post: 32 oz Roundup powermax + 2 oz Status

Insecticide: 1 oz Perm-Up with herbicide, 8 oz Brigade with starter fertilizer

Insecticide+Fungicide: 5 oz Absolute Maxx + 6 oz Discipline 2EC

Tillage: Ridge Till

Irrigation: 3"

Planting: 4/22/17

Harvested: 10/25/2017 Moisture and test weight via CVA in Waco, NE.

Agronomist: Brian Bresnahan, Benedict

Planting Order: Randomized by company (North to South)

Company (North-South)	Pop.	% Stalk Rot	% H ₂ O	Test Wt.	Yield	Tester Yield	Adj. Yield	Final Rank
Hybrid	Number		Moisture	official	Yield			
Golden Harvest G14R38-3000GT	32,000	18.00%	18.30%	58.3		238.7		
ChampionSeed CSX63A17 SSRIB	31,000	13.00%	15.20%	60.6	245.9		263.6	12
ChampionSeed CSX65A17SSRIB	33,000	0.00%	15.70%	56.4	257.4		272.8	3
Golden Harvest G14R38-3000GT	33,000	0.00%	18.40%	58.1		245.6		
Innotech IC6829-3000GT	33,000	3.00%	18.50%	59.6	259.9		269.5	5
Innotech IC6260-3000GT	32,000	3.00%	17.20%	54.9	261.8		267.8	6
Golden Harvest G14R38-3000GT	31,000	0.00%	18.50%	58.4		256.2		
Pioneer 1828 AM	30,000	3.00%	17.80%	59.8	276.9		280.7	1
Pioneer 1366 AM	31,000	3.00%	16.00%	58.9	253.0		258.0	13
Golden Harvest G14R38-3000GT	33,000	5.00%	18.40%	57.5		252.5		
South-GoldHarv G14R38-3000GT	35,000	0.00%	17.60%	56.2		263.7		
Allegiant 11594 VT2P	30,000	3.00%	16.00%	59.3	269.1		266.1	9
Allegiant 11000SS	33,000	3.00%	14.50%	59.1	242.9		241.8	16
Golden Harvest G14R38-3000GT	33,000	0.00%	18.70%	57.6		257.9		
Golden Harvest G15Q98-3000GT	31,000	3.00%	17.20%	58.2	265.8		267.4	8
Golden Harvest G12W66-3000GT	33,000	3.00%	16.10%	60.6	255.4		257.8	14
Golden Harvest G14R38-3000GT	33,000	0.00%	17.80%	58.8		255.5		
Midland 594PRDGRIB	31,000	0.00%	16.10%	57.8	261.8		264.3	11
Midland 656PRRIB	31,000	20.00%	16.20%	60.5	274.5		276.4	2
Golden Harvest G14R38-3000GT	32,000	3.00%	17.80%	57.9		257.4		
AgriGold A6572STXRIB	32,000	15.00%	15.30%	59.8	267.1		267.5	7
AgriGold A6579STXRIB	33,000	5.00%	15.60%	58.9	254.2		253.7	15
Golden Harvest G14R38-3000GT	31,000	0.00%	17.80%	58.4		260.1		
Producers 7268STXRIB	34,000	0.00%	15.70%	60.4	271.2		270.4	4
Producers 7428STXRIB	33,000	15.00%	17.70%	58.0	265.6		265.3	10
Golden Harvest G14R38-3000GT	33,000	0.00%	16.30%	58.6		258.5		
Plot Average	32,192	4.54%	16.94%	58.6	261.4	254.6	265.2	
GH G14R38-3000GT Yield Range	238.7		263.7					
GH G14R38-3000GT Yield Spread			25.0					
GH G14R38-3000GT Moisture Rang	16.30%		18.70%					
GH G14R38-3000GT Moisture Spread			2.40%					

For more information contact Jenny Rees, Extension Educator
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