

Hondo

2016 Corn

Performance Trial



Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
REV	23BHR55	Optimum Intrasect	65	105	45	27,295	9.0	55.7	192
Integra	9678	Genuity VT Triple PRO	64	91	41	27,644	9.9	57.1	190
REV	25BHR26	Optimum Intrasect	65	101	46	27,016	9.3	58.0	185
Integra	6474	Genuity VT Double PRO	64	98	46	26,667	8.8	54.1	184
REV	26BHR50	Optimum Intrasect	67	106	40	26,248	10.0	58.2	180
Integra	9642	Genuity VT Triple PRO	64	87	34	26,178	9.6	57.9	177
Golden Acres	G7688	Genuity VT Double PRO	64	96	43	26,108	9.9	58.0	176
Golden Acres	G6611	Genuity VT Triple PRO	64	93	43	27,923	9.4	56.8	175
Mycogen	12G36	SmartStax	66	97	39	28,133	10.2	56.3	175
Integra	6612	Genuity SmartStax RIB Com	64	98	43	27,272	8.8	54.3	172
REV	28HR20	Herculex 1 (HX1)	69	108	44	27,504	9.4	57.4	170
NK	N68K	Agrisure Artesian 3011A	64	92	38	27,644	8.5	53.5	170
NK	N78S	Agrisure Viptera 3111	66	99	44	27,295	9.6	54.9	169
REV	22BHR43	Optimum Intrasect	65	107	42	26,387	9.8	57.6	168
Phoenix	6542	Agrisure Viptera 3111	66	101	42	25,829	9.4	54.8	164
Mycogen	MY13M87	SmartStax	65	92	42	26,387	9.4	56.5	163
Phoenix	8400	Agrisure Viptera 3111	65	102	42	26,736	9.6	57.1	162
Phoenix	6948	Agrisure 3000GT	66	102	44	26,318	9.7	56.0	162
Phoenix	6522	Agrisure Viptera 3111	66	99	42	26,527	9.0	55.0	156
NK	N69D	Agrisure 3000GT	67	101	45	24,572	9.4	56.5	154
NK	N76A	Agrisure 3000GT	64	95	39	25,619	8.5	52.7	150
Phoenix	6518	Agrisure GT Artesian	64	95	39	27,155	9.3	55.4	138

*Yields highlighted in yellow are not significantly different (L.S.D., $p=0.05$) from the top ranked hybrid.

Hondo

2016 Corn

Performance Trial



Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)						
Agronomic information															
Plant Date	3/15/2016		Mean	65	98	42	26,748	9.4	170						
Harvest Date	8/5/2016		C.V. %	1.3	3.3	5.2	4.5	3.5	5.8						
Irrigated	Yes		P>f (hybrid)	0.000	0.000	0.000	0.024	0.000	0.000						
Row Spacing (in)	36		L.S.D.	1.2	4.6	3.1	1,723.8	0.5	13.9						
Number of Rows	2		Trial Notes												
Seeds per Acre	28,000		*Appreciation is expressed to Mr. Derrick Drury, Medina CEA, & Mr. Wayne Scholtz, retired CEA for collecting flowering data & monitoring test block. *A very good test despite two hail events in late-May & early-June resulting in moderate leaf shredding.												
N (lb/ac)	222		*Applied 5 oz/A of Oberon for mites + 4 oz/A of Tilt for rust on 7/1 *Applied Afla-Guard at suggested rate for Aflatoxin (A. flavus) on 6/10 *Applied 1 qt/A Zn at planting												
P2O5 (lb/ac)	60		<table border="1"> <tr> <td>Soil Type</td> <td>Knippa clay</td> </tr> <tr> <td>Tillage</td> <td>Conventional, then planted on raised beds</td> </tr> <tr> <td>Previous Crop</td> <td>Corn</td> </tr> </table>							Soil Type	Knippa clay	Tillage	Conventional, then planted on raised beds	Previous Crop	Corn
Soil Type	Knippa clay														
Tillage	Conventional, then planted on raised beds														
Previous Crop	Corn														
K2O (lb/ac)	15														
Precipitation (in)	27.58														
Irrigation (in)	12		Cooperator <input type="text" value="Paul Aelvoet"/>												
Herbicide	2 applications of Roundup at selected times. 1.5 lb/A of Atrazine on May 20		Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid blk. LSD provided when hybrid significant at p < 0.05. Yields highlighted in yellow are not statistically different from the top ranked hybrid. Plots were planted using Almaco meter units on a JD Max-Emerge II units. Plots were harvested with a JD 3300 plot combine fitted with a Harvest Master GrainGage System. Precipitation data was recorded from January 1 through the harvest date. For additional information contact: Dennis Pietsch croptest@tamu.edu 979-845-8505												

*Yields highlighted in yellow are not significantly different (L.S.D., p=0.05) from the top ranked hybrid.