

Table 5. Performance of corn hybrids at Bossier City, 2013.

Brand/hybrid	2013 Yield¹	Gr mo	Test wt	Stand	Mid- silk	Plt ht	Ear ht	HC
	bu/a	%	lb/bu	plt/a	DAP	in	in	1-3
Dyna-Gro D56VC46	234.5	13.5	61.3	21,330	78	88	31	1
Dyna-Gro D57VP51	232.9	12.6	59.4	22,330	77	86	36	1
Delta Grow DG3660VIP	231.3	13.3	59.9	23,670	79	99	40	1
Triumph TR1725H	225.9	13.9	65.7	22,000	82	107	49	1
BH Genetics 8830VTTP	225.1	13.4	58.1	25,000	79	100	43	2
Armor 1133PRO2	224.2	12.6	58.6	22,500	81	102	44	2
REV®25BHR44™	222.6	13.6	61.3	21,000	85	106	44	2
Pioneer P1685YHR	219.5	13.3	60.0	26,000	84	106	46	2
REV®22BHR43™	216.2	12.8	59.7	23,670	77	103	38	1
Armor 1880PRO2	215.5	12.3	57.9	20,330	79	85	37	2
Dekalb DKC66-97	214.6	12.5	60.9	27,000	78	88	38	2
BH Genetics 8732VTTP	213.1	13.6	60.1	21,000	82	83	29	1
Dekalb DKC62-08	212.6	12.5	59.4	25,000	75	88	40	1
REV® 22BHR21™	212.5	12.7	61.0	24,000	80	100	42	1
REV® 18BHR84™	210.4	12.4	69.5	23,000	78	92	37	2
Croplan Genetics CG6640VT3P	209.9	13.3	59.6	23,000	75	85	38	2
Dekalb DKC69-29	207.7	13.0	60.3	23,330	77	90	36	1
Golden Acres G6611	207.5	12.4	58.1	23,000	80	100	40	1
Dyna-Gro D55VP77	207.3	13.9	61.5	22,000	76	85	40	1
REV®26BHR50™	206.7	13.2	64.6	25,670	85	102	38	1
BH Genetics 8700SS	206.3	12.3	59.5	24,330	77	95	38	2
Mycogen 2Y816	206.0	14.0	58.4	23,670	84	101	43	1
Dyna-Gro D52VC91	205.8	12.7	59.8	25,330	82	98	45	2
Mycogen 2J794	205.2	13.8	59.0	22,330	81	106	48	1
Armor 1555SS	205.2	13.2	61.3	24,330	76	90	33	1
Mycogen 2Y811	205.0	12.7	58.9	25,330	80	87	32	2
Mycogen 2V714	204.1	12.3	57.7	22,330	81	93	40	1
BH Genetics 8928VTTP	202.0	12.5	59.0	25,330	79	96	40	1
Dekalb DKC64-69	201.9	13.0	65.5	22,670	76	84	35	2
Triumph TRX21366S	201.6	12.5	58.2	26,000	79	88	42	2
Mycogen 2C786	200.9	13.7	57.6	24,670	79	91	45	1
REV®24BHR93™	200.7	12.9	59.8	23,000	84	99	43	2
Golden Acres G7601	199.0	12.8	59.2	24,670	78	90	38	1
Delta Grow DG6160VIPGTCBLL	198.8	13.5	60.2	22,670	78	99	37	1
BH Genetics 8900GT3	198.1	12.7	58.1	32,500	82	100	45	1
Armor 1550PRO2	198.1	12.8	58.5	26,000	77	91	37	2
Croplan Genetics CG6960VT3P	196.7	13.6	61.8	21,330	75	89	33	1
Dekalb DKC67-57	196.4	12.6	60.4	24,330	75	82	35	1
REV®28R10™	196.2	13.3	60.3	25,000	86	106	45	2
Dyna-Gro D54VP81	194.4	12.7	58.9	25,000	78	91	38	2
Pioneer P1105YHR	193.8	12.5	59.5	24,000	77	101	44	2

Brand/hybrid	2013 Yield¹	Gr mo	Test wt	Stand	Mid- silk	Plt ht	Ear ht	HC
	bu/a	%	lb/bu	plt/a	DAP	in	in	1-3
Delta Grow DG2788GTCBLL	193.5	13.2	60.2	21,000	82	93	40	1
Dyna-Gro D53VC13	193.5	12.7	60.9	23,000	75	86	32	1
Mycogen 2P886	191.3	12.4	58.0	23,330	80	91	41	2
REV®27HR83™	191.0	12.5	60.4	23,670	83	102	42	2
Dekalb DKC66-87	190.8	12.9	58.4	25,330	77	89	37	1
Dekalb DKC61-78	190.4	12.4	59.7	23,330	75	89	35	1
Triumph TRX11832X	189.8	14.4	59.7	24,330	84	111	46	3
Armor 1262PRO2	188.6	12.3	58.8	27,670	75	89	35	2
REV® 17HR73™	186.2	12.4	58.0	25,670	76	90	37	2
Croplan Genetics CG8621VT2P	184.3	12.3	57.9	21,670	83	95	41	2
Dekalb DKC66-40	183.6	12.3	61.0	25,670	82	92	38	3
Mycogen 2V707	183.5	12.3	56.4	22,330	78	91	39	1
BH Genetics 8735VTTP	182.2	13.2	60.1	23,000	81	102	43	1
Golden Acres 26V21	180.2	12.7	59.3	26,670	77	88	37	1
REV®28HR20™	177.9	13.1	61.2	23,670	86	107	49	2
Delta Grow DG2888GTCBLL	175.9	12.9	60.5	23,670	76	85	35	1
Croplan Genetics CG8410VT3P	173.8	12.4	59.4	24,000	83	86	33	1
BH Genetics 8550VT2P	172.7	15.7	58.6	23,330	85	111	48	3
Croplan Genetics CG6926RR	170.8	12.7	61.1	24,000	73	87	36	2
Delta Grow DG1660	167.4	14.3	61.4	23,000	83	104	43	1
Mycogen 2A787	167.2	12.2	56.6	24,670	81	90	42	2
REV®22BHR54™	156.8	12.9	57.9	25,000	84	92	39	2
Delta Grow DG3788GTCBLL	154.1	13.1	60.7	22,330	80	94	41	2
Dekalb DKC61-88	147.7	12.2	58.5	27,330	79	86	34	2
Average	196.9	13.0	59.9	23,890	80	94	39	2
CV,%	11	3	5	11	3	5	10	27
LSD (0.10)	27.9	0.6	4.3	3,570	3	6	5	1

¹Yields in bold denote hybrids that are in the highest-yielding group in 2013.

Note: Data from the 2012 trial was not reported, so there is no two-year yield average.

Corn Hybrid Performance Trial on Commerce Silt Loam at the Northeast Research Station – St. Joseph

Location Summary

Rainfall was timely in April and early May and sporadic in June and July in this dryland trial (see below). Yields ranged from 173.2 to 229.4 bu/acre, with a trial average of 200.0 bu/acre (Table 4). Thirty two of the sixty-five hybrids had yields greater than 200 bu/acre. Seven hybrids fell within the highest-yielding group in 2013 and two hybrids, REV®27HR83™ and REV®28HR20™, were in the highest yielding group in both years, 2012 and 2013. Kernel weight ranged from 28.2 to 4.7 grams/100 kernels, with a trial average of 39.5 grams/100 kernels. Ear size ranged from 367 to 546 kernels/ear (KPE), with a trial average of 434 kernels/ear.

Soil type	Commerce silt loam
Tillage	Conventional prior to planting, with no spring cultivation.
Row spacing	40 inches
Seeding rate	32,000 seed/acre
Previous crop	Cotton
Planting date	March 15
Fertilization	<i>At planting:</i> 5 gal 10-34-0/acre (7 gal total volume/acre) plus 0.6 lb/acre of Zn (EDTA) – In furrow starter; <i>Sidedress:</i> 200 lb N/acre (30-0-0-2)
Pesticides	<i>Preemergence:</i> 1.5 qt/acre of Atrazine, 1 pt/acre of Dual, and 1 oz/acre of Discipline; <i>Postemergence:</i> 1.5 oz/acre of Steadfast, 1 qt/acre of Atrazine, and 1% crop oil
Harvest date	August 19-20

