

Brand	Hybrid	Grain		Test Weight	Harvest Plant Population	Plant Height	50% Bloom	Lodging	Maturity Group <sup>b</sup>	Grain Color
		Yield <sup>a</sup>	Yield							
		bu/ac	% of test avg.	lb/bu	plants/ac	in	days after planting	percent		
Dekalb	DKS28-05	106.4	126%	51.4	55,176	46	75	0	E	Bronze
Dyna-Gro Seed	GX17912	103.6	123%	51.8	51,982	47	79	6	E	Cream
BH Genetics	XPS 1712C	102.7	122%	50.4	54,014	44	80	0	E	Cream
Channel	5B27	94.5	112%	53.7	56,047	42	71	6	VE	Bronze
Dyna-Gro Seed	GX17914	93.7	111%	50.9	51,110	47	83	4	ME	Bronze
Dyna-Gro Seed	M59GB57	93.0	110%	53.6	44,722	38	76	0	E	Bronze
Alta	AG1201	92.7	110%	54.2	51,401	38	81	5	ME	Bronze/Red
Browning Seed Inc	Phoenix	92.6	110%	51.9	52,562	45	83	5	ME	Bronze
Dyna-Gro Seed	GX17210	91.2	108%	52.6	33,686	39	85	0	ME	Bronze/Red
Dekalb	DKS33-07	90.8	108%	50.6	50,239	43	88	0	ME	Bronze
Dyna-Gro Seed	GX18919	90.5	107%	50.8	56,047	44	74	0	E	Cream
Dyna-Gro Seed	GX17917	90.4	107%	54.0	43,560	44	76	48	E	Red
Alta	ADV XG629	88.2	104%	55.0	49,949	35	81	0	ME	Cream
BH Genetics	BH 3616	88.1	104%	54.6	56,918	37	79	4	E	Bronze
Dekalb	DKS29-07	87.9	104%	50.7	57,499	44	86	8	ME	Cream
Alta	AG1203	84.2	100%	50.1	41,527	47	89	0	ME	Bronze
Dyna-Gro Seed	M60GB31	82.4	98%	50.6	40,366	46	89	0	ME	Bronze
Alta	ADV G2106	79.9	95%	52.1	36,590	44	81	0	ME	Red
BH Genetics	BH 3400	79.9	95%	53.5	53,434	42	70	21	VE	Bronze
Golden Acres	5875	78.4	93%	54.6	49,078	34	75	0	E	Bronze
Dyna-Gro Seed	M60GB88	77.5	92%	52.5	46,464	46	85	0	ME	Bronze
Alta	ADV XG602	75.3	89%	47.4	49,368	42	92	0	M	Red
S & W Seed Company	SG11670	75.3	89%	53.3	38,914	43	85	0	ME	Bronze
S & W Seed Company	SG11268	73.6	87%	50.8	33,977	47	85	39	M	Red
Dyna-Gro Seed	M71GB01	69.1	82%	53.7	49,078	43	72	55	VE	Dark Bronze
S & W Seed Company	SG11668	67.0	79%	48.9	36,300	46	88	0	ME	Red
Alta	ADV XG251	31.0	37%	42.0	24,103	45	106	4	ML	Red
<b>Average</b>		<b>84.4</b>		<b>51.7</b>	<b>46,819</b>	<b>43</b>	<b>82</b>	<b>8</b>		

<sup>c</sup>LSD (P<0.30)

5.4

<sup>a</sup>Yields adjusted to 14% moisture and hybrids ranked by yield.

<sup>b</sup>Maturity group: VE=very early; E=early; ME=medium-early; M=medium; ML=medium-late.

<sup>c</sup>If the difference between two varieties yields equals or exceeds the LSD value, there is a 70% chance the difference is significant.

#### Site Information

Collaborator: Central Great Plains Research Station

Planting Date: May 18, 2018

Harvest Date: November 6, 2018

Fertilizer: N at 53 and P at 11 lb/ac

Herbicide: Lumax EZ at 1.5 qt/ac, glyphosate at 1 qt/ac, and 2,4-D LV6 at 6 oz/ac applied May 18; Sterling Blue at 8 oz/ac and atrazine 4L at 1.5 pt/ac on June 14; Moxy 2E at 1.5 pt/ac, Sterling Blue at 8 oz/ac, and atrazine 4L at 1.5 pt/ac on July 7

Soil Type: Weld silt loam

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