

2016 Corn High Plains Regional Summary



Company	Brand	Hybrid	Moisture (%)	Test Weight (lb/bu)	Yield (bu/acre)
Mycogen Seeds	Mycogen	X14730VH	17.2	56.1	293
Dupont	Pioneer	P1751	14.0	58.5	284
CPS Dyna-Gro	Dyna-Gro	D54DC94	13.9	58.0	284
Syngenta	NK	N73Y	14.4	56.0	282
Croplan	Croplan	5290	13.8	60.9	281
Dupont	Pioneer	P1311	11.9	58.7	280
Monsanto	Dekalb	DKC 70-20	15.1	59.0	280
Syngenta	NK	N78N	16.0	59.8	280
Monsanto	Dekalb	DKC 68-26	14.7	59.6	279
Integra	Integra	9678	15.0	59.0	275
Monsanto	Dekalb	DKC 66-59	14.7	59.4	274
Monsanto	Channel	218-44	15.0	59.8	274
Croplan	Croplan	7927	14.9	58.3	274
Dupont	Pioneer	P1690	13.4	60.3	272
CPS Dyna-Gro	Dyna-Gro	D55VP77	14.3	59.6	271
Monsanto	Channel	217-41	14.3	59.2	270

Yield is presented as the least square mean, which is an estimate from a linear model. The model (Proc Mixed, SAS 9.3) adjusts means for fixed and random affects in the model, including hybrid (f) location (f) and rep (r), to provide better estimates of yield for each hybrid in the regional trial. Yields highlighted in yellow are not significantly different than the top ranked hybrid (Tukeys $p=0.05$). If no yields are highlighted, refer to individual locations for evaluation of hybrid performance.

2016 Corn High Plains Regional Summary



Company	Brand	Hybrid	Moisture (%)	Test Weight (lb/bu)	Yield (bu/acre)
Mycogen Seeds	Mycogen	2Y767	15.4	56.5	269
Integra	Integra	6612	13.0	57.5	269
Croplan	Croplan	5570	14.1	58.7	268
Monsanto	Dekalb	DKC 66-74	12.9	58.9	262
Monsanto	Dekalb	DKC 64-34	12.7	59.4	261
Syngenta	NK	N67S	12.1	58.6	261
Croplan	Croplan	6640	12.5	59.9	260
CPS Dyna-Gro	Dyna-Gro	D54VC52	14.6	60.0	256
Integra	Integra	6273	12.4	58.2	252
Monsanto	Channel	217-92	15.3	58.9	252
Monsanto	Channel	215-05	12.7	58.7	249
Integra	Integra	6011	12.3	59.4	246
CPS Dyna-Gro	Dyna-Gro	D51VP40	11.7	59.2	236
Mycogen Seeds	Mycogen	MY 13K77RA	14.4	57.3	234

Yield is presented as the least square mean, which is an estimate from a linear model. The model (Proc Mixed, SAS 9.3) adjusts means for fixed and random affects in the model, including hybrid (f) location (f) and rep (r), to provide better estimates of yield for each hybrid in the regional trial. Yields highlighted in yellow are not significantly different than the top ranked hybrid (Tukeys $p=0.05$). If no yields are highlighted, refer to individual locations for evaluation of hybrid performance.

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Company	Brand	Hybrid	Moisture (%)	Test Weight (lb/bu)	Yield (bu/acre)
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Hybrid (Pr>F) 0.000

Location (Pr>F) 0.000

Hybrid*Location (Pr>F) 0.001

Yield is presented as the least square mean, which is an estimate from a linear model. The model (Proc Mixed, SAS 9.3) adjusts means for fixed and random affects in the model, including hybrid (f) location (f) and rep (r), to provide better estimates of yield for each hybrid in the regional trial. Yields highlighted in yellow are not significantly different than the top ranked hybrid (Tukeys $p=0.05$). If no yields are highlighted, refer to individual locations for evaluation of hybrid performance.

Dallam County Corn Hybrid Trial 2016



Company	Brand	Hybrid	Trait(s)	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
Syngenta	NK	N73Y		17.2	54.0	273.4
Mycogen Seeds	Mycogen	X14730VH		18.8	54.2	272.8
Croplan	Croplan	5290		15.9	59.6	270.0
Dupont	Pioneer	P1690	AM-R	15.2	59.8	264.3
Syngenta	NK	N78N		18.0	58.0	259.8
Dupont	Pioneer	P1311	AM-R	12.6	57.8	261.7
Mycogen Seeds	Mycogen	2Y767		16.7	54.0	260.9
Croplan	Croplan	7927	GEN VT3PRIB	17.6	57.6	260.1
CPS Dyna-Gro	Dyna-Gro	D55VP77	GEN VT3P	16.3	57.3	257.7
CPS Dyna-Gro	Dyna-Gro	D54DC94	GEN DGVT2P	16.4	57.5	256.0
Croplan	Croplan	5570		17.1	57.2	250.1
Monsanto	Dekalb	DKC 66-59		17.6	57.4	249.3
Monsanto	Dekalb	DKC 70-20		16.3	57.7	249.3
Syngenta	NK	N67S		13.3	57.1	247.7
Monsanto	Dekalb	DKC 68-26	GEN VT2P	17.1	57.9	246.6
Dupont	Pioneer	P1751	AM-R	15.8	57.6	246.3
Integra	Integra	9678		16.2	58.0	245.2
Croplan	Croplan	6640	GEN VT3P	15.1	58.0	246.3
CPS Dyna-Gro	Dyna-Gro	D54VC52	GEN VT2P	17.1	58.2	244.1
Integra	Integra	6273		13.7	58.0	243.2
Integra	Integra	6011		14.7	58.1	239.9
Monsanto	Channel	217-41	GEN DGVT2P	16.9	58.0	239.5
Monsanto	Dekalb	DKC 64-34		13.8	59.7	238.7
Monsanto	Channel	217-92	GEN VT2PRIB	17.5	57.0	237.6
Monsanto	Channel	218-44		16.3	58.8	232.2

Dallam County Corn Hybrid Trial 2016



Company	Brand	Hybrid	Trait(s)	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
CPS Dyna-Gro	Dyna-Gro	D51VP40	GEN VT3P	13.4	58.2	229.6
Monsanto	Dekalb	DKC 66-74		14.3	56.6	225.7
Mycogen Seeds	Mycogen	MY 13K77RA		17.0	54.7	209.1
Monsanto	Channel	215-05	GEN SSXRIB	14.1	55.6	205.9

Agronomic information

Plant Date

Harvest Date

Irrigated

Row Spacing (in)

Number of Rows

Seeds per Acre

Nitrogen (lb N/ac)

Phosphorus (lb P2O5/ac)

Potassium (lb K2O/ac)

Precipitation (inches)

Soil Type

Mean	15.93	57.36	247.2
C.V. (%)	6.000	2.000	7.2
L.S.D.	1.34	1.58	26.4
Pr>F (hybrid)	0.000	0.000	0.000

Cooperator:

Agent:

Model : yield = hybrid + blk. LSD provided when hybrid significant at $p < 0.05$ (SAS 9.4). Yields highlighted in yellow are not statistically different from the top ranked hybrid. Weather data provided by © 2016 The Climate Corporation. For additional information contact your local county extension agent or:
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 979-845-2935

Hansford County Corn Hybrid Trial 2016



Company	Brand	Hybrid	Trait(s)	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
Dupont	Pioneer	P1751	AM-R	11.2	59.7	304.9
Monsanto	Dekalb	DKC 68-26	GEN VT2P	12.3	61.2	302.4
Monsanto	Dekalb	DKC 70-20		12.8	60.2	294.0
Monsanto	Dekalb	DKC 66-74		10.9	59.9	293.0
Mycogen Seeds	Mycogen	X14730VH		14.8	58.1	292.8
Monsanto	Channel	218-44		11.8	60.4	292.4
CPS Dyna-Gro	Dyna-Gro	D54DC94	GEN DGVT2P	10.2	58.4	289.4
Monsanto	Channel	217-41	GEN DGVT2P	10.9	61.1	289.1
Integra	Integra	9678		13.0	60.3	286.5
Dupont	Pioneer	P1311	AM-R	10.5	58.6	286.2
Monsanto	Dekalb	DKC 66-59		11.5	60.7	285.7
Croplan	Croplan	7927	GEN VT3PRIB	11.6	59.0	285.2
Syngenta	NK	N73Y		11.4	57.3	284.2
Croplan	Croplan	5290		11.3	62.2	284.0
Syngenta	NK	N78N		13.6	61.0	283.0
CPS Dyna-Gro	Dyna-Gro	D55VP77	GEN VT3P	11.0	61.9	280.8
Monsanto	Channel	215-05	GEN SSXRIB	11.0	60.3	277.7
Croplan	Croplan	5570		10.8	59.9	272.6
Mycogen Seeds	Mycogen	2Y767		12.8	58.6	271.9
Dupont	Pioneer	P1690	AM-R	10.7	60.5	270.4
Syngenta	NK	N67S		9.9	59.1	269.2
Monsanto	Dekalb	DKC 64-34		11.4	58.6	268.4
Croplan	Croplan	6640	GEN VT3P	10.3	61.0	266.2
Monsanto	Channel	217-92	GEN VT2PRIB	11.7	61.1	258.0
Integra	Integra	6273		10.3	60.1	255.3

Hansford County Corn Hybrid Trial 2016



Company	Brand	Hybrid	Trait(s)	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
Mycogen Seeds	Mycogen	MY 13K77RA		11.7	58.9	247.1
CPS Dyna-Gro	Dyna-Gro	D54VC52	GEN VT2P	12.3	61.3	242.1
Integra	Integra	6011		10.2	60.1	232.8
CPS Dyna-Gro	Dyna-Gro	D51VP40	GEN VT3P	9.9	60.1	221.5

Agronomic information

Plant Date	5/11/2016
Harvest Date	10/11/2016
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Seeds per Acre	32,000
Nitrogen (lb N/ac)	229
Phosphorus (lb P2O5/ac)	94
Potassium (lb K2O/ac)	6
Precipitation (inches)	17.54
Soil Type	Perryton silty clay

Mean	11.44	59.99	275.4
C.V. (%)	3.000	1.000	6.8
L.S.D.	0.47	0.96	26.3
Pr>F (hybrid)	0.000	0.000	0.000

Cooperator: Travis Patterson

Agent: Andrew Sprague, J.R. Sprague Jr, Scott Strawn

Model : yield = hybrid + blk. LSD provided when hybrid significant at $p < 0.05$ (SAS 9.4). Yields highlighted in yellow are not statistically different from the top ranked hybrid. Weather data provided by © 2016 The Climate Corporation. For additional information contact your local county extension agent or:
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Moore County Corn Hybrid Trial 2016



Company	Brand	Hybrid	Trait(s)	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
Mycogen Seeds	Mycogen	X14730VH		17.9	56.0	313.1
CPS Dyna-Gro	Dyna-Gro	D54DC94	GEN DGVT2P	15.0	58.2	306.0
Dupont	Pioneer	P1751	AM-R	15.1	58.1	301.0
Monsanto	Channel	218-44		16.8	60.1	297.3
Monsanto	Dekalb	DKC 70-20		16.2	59.2	295.7
Syngenta	NK	N78N		17.4	59.4	294.1
Dupont	Pioneer	P1311	AM-R	12.5	59.6	292.0
Integra	Integra	9678		16.2	58.6	292.0
Croplan	Croplan	5290		14.3	61.0	290.3
Monsanto	Dekalb	DKC 68-26	GEN VT2P	14.6	59.7	288.9
Syngenta	NK	N73Y		14.5	56.6	287.9
Monsanto	Dekalb	DKC 66-59		15.7	59.6	287.0
Monsanto	Channel	217-41	GEN DGVT2P	15.3	58.6	282.6
Croplan	Croplan	5570		14.3	59.0	282.3
CPS Dyna-Gro	Dyna-Gro	D54VC52	GEN VT2P	14.5	60.6	281.6
Dupont	Pioneer	P1690	AM-R	14.2	60.6	280.6
Monsanto	Dekalb	DKC 64-34		13.0	59.9	276.9
Croplan	Croplan	7927	GEN VT3PRIB	15.5	58.2	275.2
Mycogen Seeds	Mycogen	2Y767		16.8	56.8	274.7
CPS Dyna-Gro	Dyna-Gro	D55VP77	GEN VT3P	15.6	59.7	274.3
Croplan	Croplan	6640	GEN VT3P	12.9	60.1	268.9
Monsanto	Dekalb	DKC 66-74		13.4	60.0	266.2
Syngenta	NK	N67S		13.0	59.5	265.7
Integra	Integra	6011		12.6	59.6	264.5
Monsanto	Channel	215-05	GEN SSXRIB	13.4	59.4	263.3

Moore County Corn Hybrid Trial 2016



Company	Brand	Hybrid	Trait(s)	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
Monsanto	Channel	217-92	GEN VT2PRIB	17.2	58.2	259.9
CPS Dyna-Gro	Dyna-Gro	D51VP40	GEN VT3P	11.9	59.3	257.8
Integra	Integra	6273		13.2	56.5	257.5
Mycogen Seeds	Mycogen	MY 13K77RA		15.3	57.8	245.7

Agronomic information

Plant Date	<input type="text" value="5/5/2016"/>
Harvest Date	<input type="text" value="10/5/2016"/>
Irrigated	<input type="text" value="Yes"/>
Row Spacing (in)	<input type="text" value="30"/>
Number of Rows	<input type="text" value="2"/>
Seeds per Acre	<input type="text" value="32,000"/>
Nitrogen (lb N/ac)	<input type="text"/>
Phosphorus (lb P2O5/ac)	<input type="text"/>
Potassium (lb K2O/ac)	<input type="text"/>
Precipitation (inches)	<input type="text" value="14.52"/>
Soil Type	<input type="text" value="Sherm clay loam"/>

Mean	<input type="text" value="14.76"/>	<input type="text" value="58.96"/>	<input type="text" value="280.1"/>
C.V. (%)	<input type="text" value="8.000"/>	<input type="text" value="2.000"/>	<input type="text" value="5.6"/>
L.S.D.	<input type="text" value="1.70"/>	<input type="text" value="1.93"/>	<input type="text" value="22.1"/>
Pr>F (hybrid)	<input type="text" value="0.000"/>	<input type="text" value="0.000"/>	<input type="text" value="0.000"/>

Cooperator:

Agent:

Model : yield = hybrid + blk. LSD provided when hybrid significant at p < 0.05 (SAS 9.4). Yields highlighted in yellow are not statistically different from the top ranked hybrid. Weather data provided by © 2016 The Climate Corporation. For additional information contact your local county extension agent or:
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