



2012-2013 Winter Canola Performance Trials

El Reno, Ok.

Field Notes: Trial was planted on September 19, 2012 into a tilled seedbed with fair moisture. Unfortunately on May 31, 2013 a tornado passed over the trial causing severe lodging and some pod loss. Early maturing cultivars exhibited more shatter loss. Plots were direct harvested on June 24, 2013.

Table 1. Selected cultivar seed yields for the **glyphosate tolerant** winter canola performance trial near El Reno, OK in 2012-2013.

Cultivar	Company	Test Weight	Seed Yield*	
			---lb/bu---	---lb/a--- ---bu/a---
KSR4650	Kansas State Univ.	53.7	1397.2	27.9
DKW 44-10	Dekalb	52.2	1336.5	26.7
46W94	Pioneer Hi-Bred Int.	53.9	1306.5	26.1
DKW 47-15	Dekalb	53.3	1252.7	25.1
KSR07363	Kansas State Univ.	52.9	1217.6	24.4
46W99	Pioneer Hi-Bred Int.	54.2	1213.4	24.3
KSR4649S	Kansas State Univ.	53.5	1212.9	24.3
DKW 46-15	Dekalb	51.5	1206.6	24.1
HYC 115W	Croplan Genetics	52.3	1173.5	23.5
HYC 125W	Croplan Genetics	52.6	1005.4	20.1
KSR07352S	Kansas State Univ.	53.1	992.5	19.9
DKW 41-10	Dekalb	54.6	961.3	19.2
DL302266	DL Seeds	50.4	900.3	18.0
	Mean	52.9	1167.4	23.4
	LSD (P=0.05)	1.5	324.7	6.5
	CV	1.9	19.5	19.5

* Seed yields were adjusted to a 10% moisture basis.



2012-2013 Winter Canola Performance Trials

Fort Cobb, Ok.

Field Notes: Trials were seeded on October 4, 2012 into a tilled soft moist seed bed. Fall stands were reduced due to drought and early freezes. Plots were swathed on June 6, 2013 and later harvested on June 14, 2013.

Table 1. Selected cultivar seed yields for the **conventional** winter canola performance trial near Fort Cobb, OK in 2012-2013.

Cultivar	Company	Test Weight	Seed Yield*		Oil Content
		---lb/bu---	---lb/a---	---bu/a---	---%---
X10W665C	Pioneer Hi-Bred Int.	54.9	3039	60.8	41.6
Wichita	Kansas State Univ.	54.3	2699	54.0	38.9
KS4476	Kansas State Univ.	54.5	2678	53.6	40.0
Artoga	Limagrain	52.5	2675	53.5	40.7
PT 211	Pioneer Hi-Bred Int.	53.9	2665	53.3	42.3
Amillia	Limagrain	53.2	2653	53.1	42.6
KS4428	Kansas State Univ.	53.6	2583	51.7	39.1
Safran	DL Seeds	53.4	2552	51.0	39.6
X10W443C	Pioneer Hi-Bred Int.	53.7	2482	49.6	42.8
Baldur	DL Seeds	54.5	2479	49.6	39.2
Riley	Kansas State Univ.	53.8	2430	48.6	39.7
Dimension	DL Seeds	53.4	2380	47.6	40.8
Albatros	Limagrain	53.0	2265	45.3	41.7
Sitro	DL Seeds	52.8	2256	45.1	39.9
Ladoga	Limagrain	52.0	2130	42.6	39.3
Sumner	Kansas State Univ.	53.7	1930	38.6	39.4
X12W377C	Pioneer Hi-Bred Int.	54.1	1833	36.7	42.4
KSUR21	Kansas State Univ.	54.5	1677	33.5	39.6
	Mean	53.6	2412	48.2	40.5
	LSD (P=0.05)	0.9	453	9.1	1.0
	CV	1.2	13.3	13.3	1.2

* Seed yields were adjusted to a 10% moisture basis.

Table 2. Selected cultivar seed yields for the **glyphosate tolerant** winter canola performance trial near Fort Cobb, OK in 2012-2013.

Cultivar	Company	Test Weight	Seed Yield*		Oil Content
		---lb/bu---	---lb/a---	---bu/a---	---%---
46W94	Pioneer Hi-Bred Int.	54.1	2735	54.7	39.0
46W99	Pioneer Hi-Bred Int.	54.1	2458	49.2	38.8
KSR4650	Kansas State Univ.	53.9	2396	47.9	37.5
HYC 115W	Croplan Genetics	52.9	2391	47.8	38.4
DKW 47-15	Dekalb	53.2	2355	47.1	37.8
HYC 125W	Croplan Genetics	53.7	2327	46.5	38.4
KSR4649S	Kansas State Univ.	54.4	2281	45.6	37.9
KSR07352S	Kansas State Univ.	54.7	2204	44.1	37.4
KSR07363	Kansas State Univ.	53.5	2175	43.5	37.2
DKW 46-15	Dekalb	53.8	2174	43.5	38.4
DKW 44-10	Dekalb	52.5	2130	42.6	37.2
DL302266	DL Seeds	37.4	1966	39.3	39.6
DKW 41-10	Dekalb	52.0	1456	29.1	37.0
	Mean	52.3	2234	44.7	38.1
	LSD (P=0.05)	9.9	341	6.8	1.1
	CV	13.3	10.6	10.6	1.3

* Seed yields were adjusted to a 10% moisture basis.



2012-2013 Winter Canola Performance Trials Helena, Ok.

Field Notes: Trials were seeded on September 21, 2012 into tilled ground with moderate soil moisture. Plots were swathed on June 11, 2013 and later harvested on June 21, 2013.

Table 1. Selected cultivar seed yields for the **conventional** winter canola performance trial near Helena, OK in 2012-2013.

Cultivar	Company	Test Weight		Seed Yield*		Oil Content
		---lb/bu---	---lb/a---	---bu/a---	---%---	
Artoga	Limagrain	54.4	3229.5	64.6	40.1	
Albartros	Limagrain	54.5	3138.0	62.8	39.9	
Dimension	DL Seeds	54.8	3108.1	62.2	40.6	
X12W377C	Pioneer Hi-Bred Int.	54.9	3085.2	61.7	42.0	
Sitro	DL Seeds	53.0	3064.2	61.3	39.7	
PT 211	Pioneer Hi-Bred Int.	53.3	3062.9	61.3	43.7	
X10W443C	Pioneer Hi-Bred Int.	55.3	3048.6	61.0	41.9	
Amillia	Limagrain	55.3	2910.9	58.2	41.4	
Ladoga	Limagrain	54.9	2774.8	55.5	40.1	
KS4428	Kansas State Univ.	55.6	2660.8	53.2	37.8	
X10W665C	Pioneer Hi-Bred Int.	54.3	2653.8	53.1	41.1	
Wichita	Kansas State Univ.	53.8	2617.4	52.3	38.6	
Safran	DL Seeds	55.2	2489.4	49.8	39.7	
Baldur	DL Seeds	55.3	2334.9	46.7	37.6	
Sumner	Kansas State Univ.	56.5	2328.7	46.6	38.9	
KS4476	Kansas State Univ.	55.4	2217.4	44.3	38.7	
Riley	Kansas State Univ.	55.4	2172.7	43.5	39.9	
KSUR21	Kansas State Univ.	55.1	1388.0	27.8	40.2	
	Mean	54.8	2682.5	53.7	40.1	
	LSD (P=0.05)	2.2	577.6	8.1	NS	
	CV	2.8	15.1	15.1	4.8	

* Seed yields were adjusted to a 10% moisture basis.

Table 2. Selected cultivar seed yields for the **glyphosate tolerant** winter canola performance trial near Helena, OK in 2012-2013.

Cultivar	Company	Test Weight	Seed Yield*		Oil Content
		---lb/bu---	---lb/a---	---bu/a---	---%---
KSR4649S	Kansas State Univ.	55.2	3065.5	61.3	37.2
46W94	Pioneer Hi-Bred Int.	54.0	2519.4	50.4	37.9
46W99	Pioneer Hi-Bred Int.	54.7	2516.6	50.3	38.6
KSR07352S	Kansas State Univ.	54.7	2417.7	48.4	37.0
DKW 46-15	Dekalb	55.1	2362.6	47.3	39.0
DKW 47-15	Dekalb	55.1	2285.9	45.7	38.8
HYC 115W	Croplan Genetics	55.6	2251.9	45.0	38.6
DKW 44-10	Dekalb	54.4	2245.1	44.9	36.5
KSR07363	Kansas State Univ.	54.7	2221.4	44.4	37.5
DL302266	DL Seeds	54.9	2087.1	41.7	39.9
DKW 41-10	Dekalb	55.2	2031.7	40.6	35.7
KSR4650	Kansas State Univ.	55.5	1994.7	39.9	39.0
HYC 125W	Croplan Genetics	55.3	1869.9	37.4	39.2
	Mean	54.9	2297.7	46.0	38.1
	LSD (P=0.05)	1.8	620.0	12.4	NS
	CV	2.3	18.7	18.7	4.0

* Seed yields were adjusted to a 10% moisture basis.



2012-2013 Winter Canola Performance Trials

Lahoma, Ok.

Field Notes: Trials were seeded on September 21, 2012 into tilled ground with moderate soil moisture. Plots were swathed on June 11, 2013 and later harvested on June 20, 2013.

Table 1. Selected cultivar seed yields for the **conventional** winter canola performance trial near Lahoma, OK in 2012-2013.

Cultivar	Company	Test Weight		Seed Yield*		Oil Content
		---lb/bu---	---lb/a---	---bu/a---	---%---	
PT 211	Pioneer Hi-Bred Int.	52.6	2424.5	48.5	41.1	
X10W443C	Pioneer Hi-Bred Int.	52.4	2396.2	47.9	40.7	
Dimension	DL Seeds	52.6	2392.5	47.8	39.4	
X10W665C	Pioneer Hi-Bred Int.	53.7	2330.4	46.6	39.9	
Wichita	Kansas State Univ.	53.4	2319.6	46.4	37.6	
X12W377C	Pioneer Hi-Bred Int.	52.5	2309.0	46.2	40.7	
KS4428	Kansas State Univ.	53.1	2296.7	45.9	38.6	
Artoga	Limagrain	52.8	2183.4	43.7	38.6	
Sumner	Kansas State Univ.	52.9	2115.8	42.3	37.1	
Amillia	Limagrain	53.4	2042.9	40.9	40.7	
Safran	DL Seeds	51.7	2005.9	40.1	38.0	
Ladoga	Limagrain	52.6	1989.4	39.8	38.5	
Riley	Kansas State Univ.	53.9	1974.7	39.5	38.9	
KS4476	Kansas State Univ.	54.6	1896.7	37.9	38.8	
Sitro	DL Seeds	51.5	1889.0	37.8	37.1	
Albartros	Limagrain	51.1	1887.3	37.7	38.8	
Baldur	DL Seeds	52.8	1814.2	36.3	37.5	
KSUR21	Kansas State Univ.	53.8	1739.9	34.8	39.2	
	Mean	52.9	2111.6	42.2	39.0	
	LSD (P=0.05)	1.5	484.5	9.7	NS	
	CV	2.0	16.1	16.1	3.2	

* Seed yields were adjusted to a 10% moisture basis.

Table 2. Selected cultivar seed yields for the **glyphosate tolerant** winter canola performance trial near Lahoma, OK in 2012-2013.

Cultivar	Company	Test Weight	Seed Yield*		Oil Content
		---lb/bu---	---lb/a---	---bu/a---	---%---
KSR4649S	Kansas State Univ.	53.0	2052.1	39.3	37.7
KSR07363	Kansas State Univ.	51.8	1949.6	37.2	36.7
DL302266	DL Seeds	51.2	1890.6	35.6	39.2
KSR4650	Kansas State Univ.	52.6	1873.1	35.8	36.5
46W99	Pioneer Hi-Bred Int.	53.0	1863.4	35.6	38.8
DKW 47-15	Dekalb	52.3	1755.7	33.4	37.1
DKW 44-10	Dekalb	49.3	1701.8	32.2	34.8
DKW 46-15	Dekalb	52.1	1690.6	32.0	38.1
46W94	Pioneer Hi-Bred Int.	52.8	1671.8	32.1	38.8
HYC 115W	Croplan Genetics	52.2	1609.6	30.8	37.8
HYC 125W	Croplan Genetics	51.2	1421.9	27.1	37.3
DKW 41-10	Dekalb	52.7	1393.4	26.4	35.2
KSR07352S	Kansas State Univ.	49.9	1244.2	23.6	36.0
	Mean	51.8	1701.4	32.4	37.2
	LSD (P=0.05)	1.8	507.2	9.7	1.4
	CV	2.4	20.5	20.5	1.7

* Seed yields were adjusted to a 10% moisture basis.



2012-2013 Winter Canola Performance Trials

Pond Creek, Ok.

Field Notes: Trials were seeded on October 3, 2012 into tilled ground with good soil moisture. The conventional trial was aborted due to accidental glyphosate application across the producers entire field. Plots were swathed on June 11, 2013 and later harvested on June 21, 2103.

Table 1. Selected cultivar seed yields for the **glyphosate tolerant** winter canola performance trial near Pond Creek, OK in 2012-2013.

Cultivar	Company	Test Weight		Seed Yield*		Oil Content
		---lb/bu---	---lb/a---	---bu/a---	---%---	
46W94	Pioneer Hi-Bred Int.	52.6	1759.5	35.2	41.3	
HYC 115W	Croplan Genetics	52.6	1614.9	32.3	40.6	
DKW 44-10	Dekalb	53.4	1533.0	30.7	39.2	
HYC 125W	Croplan Genetics	53.4	1508.1	30.2	40.8	
KSR4650	Kansas State Univ.	55.0	1493.6	29.9	40.2	
KSR4649S	Kansas State Univ.	53.6	1319.2	26.4	41.2	
KSR07352S	Kansas State Univ.	53.4	1265.4	25.3	39.0	
DKW 41-10	Dekalb	55.7	1259.8	25.2	38.8	
DKW 47-15	Dekalb	53.9	1174.6	23.5	40.4	
DKW 46-15	Dekalb	54.0	1161.0	23.2	40.9	
46W99	Pioneer Hi-Bred Int.	53.6	1110.4	22.2	41.7	
KSR07363	Kansas State Univ.	53.1	1090.3	21.8	38.8	
DL302266	DL Seeds	51.2	1017.2	20.3	41.3	
	Mean	53.5	1331.3	26.6	40.3	
	LSD (P=0.05)	1.5	461.0	9.2	NS	
	CV	1.9	24.2	24.2	2.9	

* Seed yields were adjusted to a 10% moisture basis.

2012-2013 Oklahoma Oilseed Commission Winter Canola Demonstration Trials

Cultivar	Perry		Miami		Nash		Walters		OKC	
	Oil ---%---	Yield ---lb/a---	Oil ---%---	Yield ---lb/a---	Oil ---%---	Yield ---lb/a---	Oil ---%---	Yield ---lb/a---	Oil ---%---	Yield ---lb/a---
DKW 41-10	39.4	1639.5	38.9	2139.5	37.3	1109.6	31.7	72.8	37.2	2544.7
DKW 44-10	39.6	1739.3	41.4	2269.0	37.9	1868.5	34.2	233.5	38.2	3131.4
DKW 46-15	41.2	1768.6	41.3	1737.1	40.2	1601.2	34.2	160.1	39.9	2735.4
DKW 47-15	40.5	1835.3	41.1	1945.2	39.1	1561.9	35.1	241.9	39.8	2555.0
HyClass 115	41.2	1935.0	41.2	1807.1	40.6	1207.7	34.5	196.1	40.2	2820.0
HyClass 125	41.5	1800.5	41.7	2122.6	40.5	987.7	34.5	232.8	39.5	2610.8
DL 302266	41.4	1842.1	44.0	1881.1	42.1	2194.9	33.8	108.0	40.1	2807.5
46W94	40.0	2317.4	44.3	2691.1	40.9	1807.9	36.1	417.9	40.4	3125.0
46W99	41.4	2175.5	43.6	2925.5	41.1	1600.3	37.0	448.5	40.2	3048.9
Grand Mean	40.7	1894.8	41.9	2168.7	40.0	1548.9	34.6	234.6	39.5	2819.8
LSD (P=0.05)	NS	290.2	2.0	NS	0.8	NS	NS	72.9	0.4	367.7
CV	2.1	8.9	2.8	17.6	1.1	16.3	3.5	17.9	0.6	7.5