

**2013-2014 OSU Performance Trials. Seed yield (bu/a) of glyphosate resistant cultivars.**

Cultivar	Source	Lamont	Lahoma	Miami	Helena	El Reno
46W94	DuPont Pioneer	10.4	6.5	36.2	6.6	17.0
46W99	DuPont Pioneer	9.5	8.1	39.9	6.5	12.2
DL 302266	DL Seeds	6.8	7.6	30.9	8.0	6.4
NPZ 4005	DL Seeds	9.4	7.8	43.0	7.6	20.3
DKW 41-10	Monsanto / DeKalb	7.7	8.4	29.6	7.2	20.5
DKW 44-10	Monsanto / DeKalb	11.0	8.5	28.3	7.3	22.0
DKW 46-15	Monsanto / DeKalb	13.5	9.6	37.4	5.6	19.9
DKW 47-15	Monsanto / DeKalb	11.3	8.1	29.4	7.2	15.5
HC 115W	Croplan by WinField	11.0	8.9	32.0	8.3	22.6
HC 125W	Croplan by WinField	9.6	8.3	30.7	8.7	22.4
KSR07352S	Kansas State Univ./Monsanto	16.9	8.5	37.7	7.8	20.8
KSR07363	Kansas State Univ./Monsanto	14.4	9.2	31.6	7.3	27.8
KSR4649S	Kansas State University	12.9	8.7	35.7	9.5	21.4
KSR4650	Kansas State University	13.9	8.5	29.1	7.2	29.2
KSR4653S	Kansas State University	15.1	9.5	33.4	9.4	20.9
KSR4654S	Kansas State University	17.3	12.5	34.7	9.3	21.1
Star 915W	Star Specialty Seed	12.4	10.5	24.4	8.2	17.2
	LSD (P=.05)	3.1	NS	5.7	NS	10.5
	CV	20.3	37.9	13.5	40.1	41.9
	Grand Mean	11.9	8.8	33.2	7.8	19.8

**2013-2014 OSU Performance Trials. Seed yield (bu/a) of conventional cultivars.**

Cultivar	Source	Lamont	Lahoma	Miami	Helena	El Reno
PT211	DuPont Pioneer	7.6	7.6	41.3	4.9	3.3
X10W443C	DuPont Pioneer	11.5	12.8	34.4	7.0	11.9
X10W665C	DuPont Pioneer	19.0	8.5	36.8	5.5	16.5
X12W377C	DuPont Pioneer	13.8	11.8	43.1	4.5	17.1
X12W447C	DuPont Pioneer	14.3	6.2	39.4	7.3	14.4
X13W029C	DuPont Pioneer	14.6	6.3	39.1	7.3	19.4
Sitro	Rubisco Seeds	13.4	9.9	36.5	5.4	2.5
Dimension	Rubisco Seeds	7.5	7.9	44.8	4.6	2.8
Edimax CL	Rubisco Seeds	12.1	10.3	30.0	6.0	4.8
Inspiration	Rubisco Seeds	15.3	8.7	40.5	8.2	13.0
Mercedes	Rubisco Seeds	10.2	9.0	50.5	7.7	9.1
Albatros	Limagrain	11.4	6.7	51.3	5.1	10.5
Artoga	Limagrain	7.4	5.9	49.8	6.0	3.2
Alabaster	Limagrain	13.1	8.0	45.2	6.3	8.1
KSUR21	Kansas State University	19.1	6.5	40.0	6.8	18.6
Riley	Kansas State University	19.9	8.1	41.2	5.6	14.5
Sumner	Kansas State University	13.5	10.3	40.5	3.6	6.6
Wichita	Kansas State University	18.9	12.7	40.6	4.9	11.2
Chrome	Momont	11.9	12.5	43.2	5.1	5.7
CHH2311	Momont	6.4	8.1	43.1	3.5	2.1
	LSD (P=.05)	3.8	NS	8.4	1.8	6.1
	CV	23.1	50.1	15.8	24.1	48.9
	Grand Mean	13.1	8.9	41.6	5.8	9.8

**2013-2014 OSU and Oklahoma Oilseed Commission variety trials. Stand ratings (1-5) and seed yield (bu/a).**

Cultivar	Clinton		Granite		Perry		Fairview	
	Stand*	Yield	Stand*	Yield	Stand*	Yield	Stand*	Yield
		--bu/a--		--bu/a--		--bu/a--		--bu/a--
DKW 41-10	2.7	13.0	2.5	6.2	3.3	8.0	2.6	1.5
DKW 44-10	1.2	26.0	1.0	5.9	1.0	9.5	1.7	2.7
DKW 46-15	1.5	20.5	1.3	8.5	1.7	17.9	1.6	4.6
DKW 47-15	2.7	13.6	2.3	6.3	2.3	16.9	3.0	2.5
HyClass 115W	2.0	18.4	1.7	7.6	2.0	12.9	1.8	5.0
HyClass 125W	2.5	15.5	2.3	10.4	2.3	15.6	2.6	10.1
Exp. 13-05	4.5	9.4	3.2	9.8	4.3	9.2	4.9	6.7
Exp. 13-26	4.2	13.3	1.7	9.9	2.3	14.7	4.9	7.5
46W94	4.3	10.8	2.3	9.5	2.3	15.0	4.8	4.3
46W99	3.7	14.6	3.2	11.1	2.7	15.5	4.1	5.3
NK Petrol <sup>†</sup>	---	---	---	---	---	---	4.4	5.4
NK Technic <sup>†</sup>	---	---	---	---	---	---	3.1	8.5
Grand Mean	2.9	15.5	2.2	8.5	2.4	13.5	3.3	5.4
LSD (P=0.05)	0.8	4.3	1.0	2.9	0.9	NS	0.8	4.3
CV	16.7	16.2	27.9	20.0	21.4	31.7	16.7	47.0

\*Stand visual rating scale where 1=good stand and 5=thin stand. Stand mostly influenced by winter survival.

<sup>†</sup> Non-glyphosate resistant varieties.

NS = No significant difference