

2014 Irrigated Winter Canola Variety Trial at Rocky Ford

Variety	Company/Source	Test			Fall	Winter	Stand	Plant
		Yield	Weight	Moisture	Stand	Survival	Uniformity	Height
		lb/ac	lb/bu	percent	rating ^a	percent	rating ^a	in
X12W377C	DuPont Pioneer	1052	47.3	5.6	8	80	8	40
Sitro	DL/Rubisco Seeds	967	47.3	5.9	7	83	7	39
Argos	DL Seeds	931	47.6	5.8	8	83	7	40
Inspiration	DL/Rubisco Seeds	903	46.6	5.1	8	80	7	40
Hornet	DL/Rubisco Seeds	890	45.8	4.8	9	80	7	43
Safran	DL/Rubisco Seeds	872	45.9	5.1	7	83	7	41
X13W029C	DuPont Pioneer	831	48.3	5.5	8	80	7	42
X10W665C	DuPont Pioneer	813	47.1	5.8	8	80	7	40
Visby	DL/Rubisco Seeds	763	43.3	5.0	9	83	7	38
X12W447C	DuPont Pioneer	638	45.3	6.8	8	77	7	39
Riley	KS State University	614	44.1	5.0	7	90	8	37
Garou	DL Seeds	609	46.3	5.4	8	77	7	38
EdimaxCL	DL/Rubisco Seeds	572	46.5	5.9	8	77	6	39
46W99	DuPont Pioneer	569	46.9	5.6	6	70	6	39
Mercedes	DL Seeds	565	46.7	7.0	8	70	6	39
KSR07352S	KS State University	522	45.3	5.4	7	83	7	38
Wichita	KS State University	494	48.1	5.6	8	73	6	37
HyCLASS125W	Croplan	460	47.3	4.9	7	70	6	39
MH10L23	Momont	459	41.4	5.6	8	70	6	36
KSR07363	KS State University	408	45.5	5.5	8	77	6	36
DKW47-15	Monsanto Dekalb	374	46.2	5.0	8	60	5	38
Raffiness	DL Seeds	336	46.7	5.7	8	60	5	37
X10W443C	DuPont Pioneer	335	43.4	6.3	9	60	4	41
PT211	DuPont Pioneer	328	47.2	5.5	8	63	4	40
46W94	DuPont Pioneer	324	47.2	5.5	8	63	4	38
Popular	DL Seeds	316	47.2	5.8	8	67	5	37
DKW46-15	Monsanto Dekalb	302	44.0	4.8	8	53	4	36
DKW44-10	Monsanto Dekalb	298	43.1	5.3	8	70	6	34
MH09E3	Momont	259	34.1	5.7	8	67	4	39
HyCLASS115W	Croplan	254	44.6	5.4	7	73	6	36
DKW41-10	Monsanto Dekalb	175	26.2	5.3	8	60	4	35
Claremore	High Plains Crop Devel.	166	24.3	5.3	8	63	4	39
CHH2311	Momont	153	24.1	5.9	8	60	3	37
MH10G11	Momont	135	20.5	5.3	8	50	2	40
CHROME	Momont/Photosyntech	131	20.3	5.9	7	60	3	39
Dimension	DL/Rubisco Seeds	107	17.5	5.7	8	50	2	38
Average		498	41.6	5.5	8	71	6	38

^aFall stand and stand uniformity ratings are based on a scale from 0 to 10 where 0 equals no stand/poor uniformity and 10 equals excellent stand/uniformity.

Data analysis: Yield trial data could not be interpreted due to the high degree of field variability caused by shattering prior to harvest. The yield results only show trends and should not be used by farmers for selecting superior varieties.

Site Information

Harvest date: 7/8/2014 and 7/9/2014
 Planting date: 9/3/2013
 Cooperator:s Arkansas Valley Research Center
 Colorado State University--Jeff Davidson and Kevin Tanabe
 Fertilizer: 200 lb/ac 0-48-0 applied on 8/30/13
 50 lb/ac 46-0-0 applied on 8/30/13
 200 lb/ac 46-0-0 applied on 2/12/14
 Herbicides: 1.5 pt/ac Trifluralin 4EC on 8/30/13
 Irrigation: Flood irrigated, total of 24 inches of water applied over 6 irrigations
 Soil Type: Rocky Ford Silty Clay Loam

We thank Mike Stamm, Kansas State University, for his leadership and collaboration.