

Rocky Ford, Colorado

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Planted: 9/3/2013
Harvested: 7/8/2014
Herbicides: 1.5 pt/a Trifluralin 4EC
Insecticides: None
Irrigation: 24 in., flood irrigated 6 times
Fertilizer: 23-96-0 lb N-P-K fertilizer in fall
92-0-0 lb N-P-K fertilizer in spring
Soil type: Rocky Ford silty clay loam
Elevation: 4178 ft Latitude: 38° 02'N
Comments: Extremely dry conditions at harvest resulted in significant shattering and reduced yields.

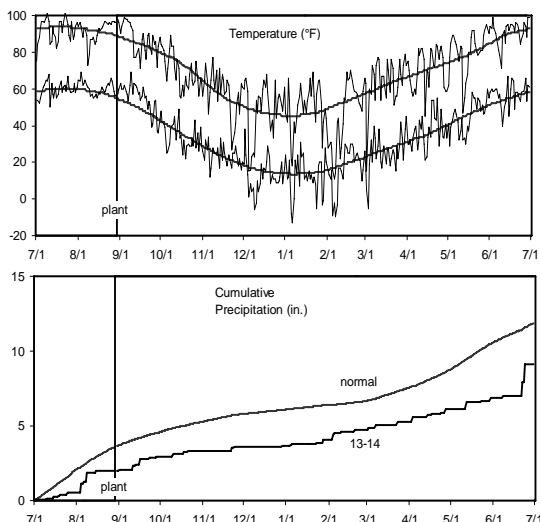


Table 14. Results for the 2014 National Winter Canola Variety Trial at Rocky Ford, CO

Name	Yield (lb/a) ¹			Yield (% of test avg.)				Plant		Test		
	2014	2012	2-yr.	2014	2014	2012	2-yr.	height (in.)	Moisture (%)	weight (lb/bu)	Protein (%)	Oil (%)
CROPLAN by WinField												
HYCLASS 115W	254	3236	1745	51	73.3	---	---	36	5.4	44.6	27.5	33.9
HYCLASS 125W	460	2249	1355	92	70.0	---	---	39	4.9	47.3	26.3	36.9
DL Seeds Inc.												
Argos	931	---	---	187	83.3	---	---	40	5.8	47.6	24.2	38.8
Garou	609	---	---	122	76.7	---	---	38	5.4	46.3	26.2	35.3
Mercedes	565	---	---	113	70.0	---	---	39	7.0	46.7	24.8	39.8
Popular	316	---	---	63	66.7	---	---	37	5.8	47.2	26.2	40.1
Raffiness	336	---	---	67	60.0	---	---	37	5.7	46.7	24.8	39.5
DuPont Pioneer												
46W94	324	3298	1811	65	63.3	---	---	38	5.5	47.2	24.8	37.1
46W99	569	3106	1838	114	70.0	---	---	39	5.6	46.9	25.4	37.1
Exp 1301	335	---	---	67	60.0	---	---	41	6.3	43.4	24.2	39.9
Exp 1302	638	---	---	128	76.7	---	---	39	6.8	45.3	24.6	36.8
Pioneer Exp1	328	---	---	66	63.3	---	---	40	5.5	47.2	26.3	36.2
Pioneer Exp6	831	---	---	167	80.0	---	---	42	5.5	48.3	24.8	42.0
PX112	813	---	---	163	80.0	---	---	40	5.8	47.1	24.9	40.8
PX117	1052	---	---	211	80.0	---	---	40	5.6	47.3	25.4	39.2
High Plains Crop Development												
Claremore	166	2499	1333	33	63.3	---	---	39	5.3	---	29.7	31.8
Kansas State University												
KSR07363	408	---	---	82	76.7	---	---	36	5.5	45.5	26.8	35.5
Riley	614	3694	2154	123	90.0	---	---	37	5.0	44.1	26.3	36.6
Wichita	494	3552	2023	99	73.3	---	---	37	5.6	48.1	28.1	34.6
MOMONT, France												
CHH2311	153	---	---	31	60.0	---	---	37	5.9	39.3	25.9	37.0
Chrome	131	3455	1793	26	60.0	---	---	39	5.9	---	27.2	35.8
Hekip	259	---	---	52	66.7	---	---	39	5.7	43.2	26.2	34.2
MH10G11	135	---	---	27	50.0	---	---	40	5.3	---	26.6	36.7
MH10L23	459	---	---	92	70.0	---	---	36	5.6	48.0	25.8	38.0
Monsanto / DEKALB												
DKW41-10	175	2972	1573	35	60.0	---	---	35	5.3	37.5	28.3	32.7
DKW44-10	298	2706	1502	60	70.0	---	---	34	5.3	43.1	28.3	35.3
DKW45-25	522	---	---	105	83.3	---	---	38	5.4	45.3	25.4	37.1
DKW46-15	302	3611	1956	61	53.3	---	---	36	4.8	44.0	27.3	36.3
DKW47-15	374	2786	1580	75	60.0	---	---	38	5.0	46.2	26.4	37.5

Table 14. Results for the 2014 National Winter Canola Variety Trial at Rocky Ford, CO

Name	Yield (lb/a) ¹			Yield (% of test avg.)			Winter survival (%)		Plant height	Moisture	Test		Oil (%)
	2014	2012	2-yr.	2014	2012	2-yr.	(in.)	(%)	weight (lb/bu)	Protein (%)			
Rubisco Seeds LLC													
Dimension	107	---	---	22	50.0	---	---	38	5.7	---	27.8	37.4	
Edimax CL	572	3240	1906	115	76.7	---	---	39	5.9	46.5	23.9	35.9	
Hornet	890	3132	2011	179	80.0	---	---	43	4.8	45.8	24.9	37.2	
Inspiration	903	---	---	181	80.0	---	---	40	5.1	46.6	25.2	38.1	
Safran	872	3286	2079	175	83.3	---	---	41	5.1	45.9	27.0	35.1	
Sitro	967	3043	2005	194	83.3	---	---	39	5.9	47.3	24.5	37.6	
Visby	763	2872	1818	153	83.3	---	---	38	5.0	43.3	23.5	37.3	
Mean	498	3007	---	---	70.7	---	---	38	5.5	45.9	26.0	37.0	
CV	32	16	---	---	9.9	---	---	5	14.9	5.5	3.4	5.3	
LSD (0.05)	259	793	---	---	11.4	---	---	3	NS	NS	1.8	4.0	

Bold: Superior LSD group. Unless two entries differ by more than the LSD, little confidence can be placed in one being superior to the other.

¹Use yield data with caution. A CV above 20 indicates higher experimental error. Make variety selection decisions based on more than one year's data.