

Fruita, Colorado

Calvin Pearson
Colorado State University

Planted: 8/29/2013 in 30-in. rows
Harvested: 7/10/2014
Herbicides: 1.5 pt/a Treflan
Insecticides: None
Irrigation: Furrow irrigated
Previous crop: Wheat
Soil test: NA
Fertilizer: 50-0-0 lb N-P-K fertilizer in spring
Soil type: Youngston clay loam
Elevation: 4604 ft Latitude: 39° 11'N
Comments: Yields were good but lower than normal. Very high reported oil contents.

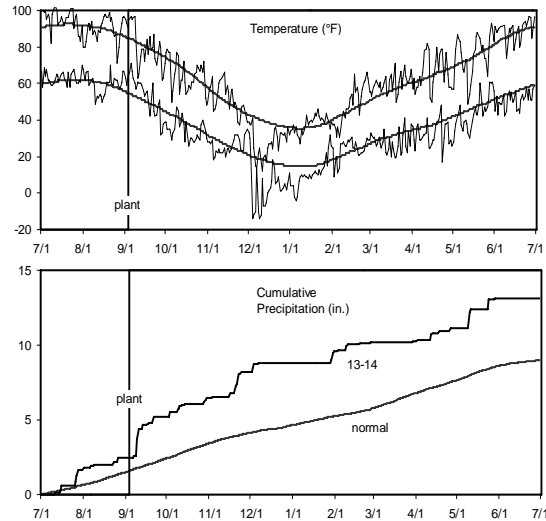


Table 13. Results for the 2014 National Winter Canola Variety Trial at Fruita, CO

Name	Yield (lb/a)			Yield (% of test avg.)			50% Test			Oil (%)		
	2014	2013	2-yr.	2014	2014	2013	2-yr.	bloom (DOY)	Moisture (%)		weight (lb/bu)	Protein (%)
CROPLAN by WinField												
HYCLASS 115W	1326	1717	1522	78	---	---	---	108	5.1	43.7	20.0	42.2
HYCLASS 125W	1566	1629	1597	92	---	---	---	108	4.9	46.4	19.0	43.7
DL Seeds Inc.												
Argos	1541	---	---	90	---	---	---	107	4.7	46.4	17.8	45.1
Garou	2033	---	---	119	---	---	---	107	4.9	45.9	17.8	44.6
NPZ4005	1768	---	---	104	---	---	---	107	4.8	47.4	17.9	46.3
Popular	2007	---	---	118	---	---	---	107	4.8	49.4	18.2	48.0
Raffiness	1869	---	---	110	---	---	---	108	5.0	47.5	17.4	47.7
DuPont Pioneer												
46W94	1823	2121	1972	107	---	---	---	108	4.8	45.8	18.4	43.8
46W99	1818	2348	2083	107	---	---	---	107	4.8	46.0	18.2	44.9
Exp 1301	1806	2879	2342	106	---	---	---	109	5.0	46.4	18.5	45.7
Exp 1302	1894	---	1894	111	---	---	---	108	5.0	47.6	19.8	44.5
Pioneer Exp1	1944	2386	2165	114	---	---	---	108	4.9	48.2	18.4	46.6
Pioneer Exp6	2058	---	2058	121	---	---	---	109	4.8	48.8	18.9	45.2
PX112	1969	2197	2083	115	---	---	---	109	4.8	47.6	17.9	46.4
PX117	2323	2689	2506	136	---	---	---	108	4.8	49.0	17.9	47.7
High Plains Crop Development												
Claremore	1060	1654	1357	62	---	---	---	110	4.9	41.8	20.1	40.5
Kansas State University												
KS4410	1572	---	1572	92	---	---	---	109	4.8	43.1	19.6	41.5
KS4506	1338	---	1338	78	---	---	---	108	5.0	44.1	18.6	43.6
KS4549	1541	---	1541	90	---	---	---	109	5.0	43.9	18.8	43.7
KSR07363	1363	2058	1711	80	---	---	---	109	5.0	43.4	19.2	42.3
Riley	1995	2374	2185	117	---	---	---	107	4.8	46.6	18.7	44.9
Sumner	1326	1629	1477	78	---	---	---	106	4.8	44.8	20.3	43.2
Wichita	1528	1995	1761	90	---	---	---	109	4.8	44.4	19.0	43.7
Limagrain												
Alabaster	1604	---	---	94	---	---	---	109	5.0	45.8	17.9	43.8
Albatros	2033	---	---	119	---	---	---	108	4.7	48.1	17.3	47.3
Artoga	1932	---	---	113	---	---	---	107	5.0	45.7	17.5	45.4
MOMONT, France												
CHH2311	1944	---	---	114	---	---	---	109	4.8	47.6	17.9	46.0
Chrome	2020	2942	2481	118	---	---	---	108	5.0	46.6	17.7	44.9
Hekip	1969	3005	2487	115	---	---	---	107	4.9	46.6	18.3	44.1
MH10G11	1730	---	---	101	---	---	---	108	4.7	45.1	18.3	45.7
MH10L23	1906	---	---	112	---	---	---	108	4.9	47.5	18.2	45.8

Table 13. Results for the 2014 National Winter Canola Variety Trial at Fruita, CO

Name	Yield (lb/a)			Yield (% of test avg.)			50% bloom			Test		
	2014	2013	2-yr.	2014	2014	2013	2-yr.	(DOY)	Moisture (%)	weight (lb/bu)	Protein (%)	Oil (%)
Monsanto / DEKALB												
DKW41-10	1313	1427	1370	77	---	---	---	110	5.0	45.1	19.4	40.8
DKW44-10	1124	1768	1446	66	---	---	---	106	4.8	43.4	21.5	40.6
DKW45-25	1490	---	---	87	---	---	---	108	4.8	44.3	18.3	40.9
DKW46-15	1262	2045	1654	74	---	---	---	109	4.8	44.5	19.3	43.8
DKW47-15	1465	1477	1471	86	---	---	---	108	4.9	41.5	20.0	41.4
Rubisco Seeds LLC												
Dimension	1730	2348	2039	101	---	---	---	108	5.0	48.7	18.7	46.2
Edimax CL	1805	2449	2127	106	---	---	---	109	5.0	46.5	17.2	45.7
Hornet	1490	2374	1932	87	---	---	---	108	4.9	45.3	18.1	42.9
Inspiration	1566	2121	1843	92	---	---	---	108	4.8	46.1	18.3	45.3
Mercedes	2222	2563	2393	130	---	---	---	108	4.8	47.2	17.4	46.6
Safran	1995	2348	2172	117	---	---	---	109	4.8	48.3	18.1	45.1
Sitro	1704	2235	1970	100	---	---	---	108	4.8	45.7	18.1	43.8
Visby	2071	2563	2317	121	---	---	---	107	4.9	44.3	18.0	42.8
Virginia State University												
Virginia	1401	2222	1812	82	---	---	---	109	4.9	43.8	19.5	41.6
VSX-3	1528	1755	1641	90	---	---	---	109	5.0	45.6	20.0	40.0
VSX-4	1402	---	---	82	---	---	---	108	5.0	44.8	18.8	42.2
Mean	1706	2213	---	---	---	---	---	108	4.9	45.9	18.6	44.2
CV	12	16	---	---	---	---	---	1	2.9	3.5	3.3	2.5
LSD (0.05)	322	571	---	---	---	---	---	0	NS	2.6	1.3	2.2

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.