

2017 Pacific Northwest Winter Canola and Rapeseed Variety Trial results including mean yield (lbs. per acre) and rank across all locations, yield (lbs. per acre) at individual locations, winter survival score at LaCrosse WA (1 to 9 scale where a score of 1 indicates complete winter kill and 9 indicates no winter damage), date of 50% flower (days after January 1) , and plant canopy height (inches).

Variety	Mean Yield and Rank		Yield by Location							Winter Survival	Flower Start	Canopy Height	
			Moscow ID	Genesee ID	Craigmont ID	Grangeville ID	Odessa WA	LaCrosse WA	Pendleton OR				Hermiston OR
	-lbs. per acre -	- rank -	----- lbs. per acre -----							- score -	- days after Jan 1 -	- inches -	
Control Varieties													
Athena	3,805	14	4,564	5,815	4,308	5,058	2,911	3,012	2,450	2,322	6.8	130	74
Dwarf Essex Rapeseed	3,678	20	4,479	5,102	4,278	4,971	3,398	2,796	2,793	1,608	5.5	131	70
Ericka	3,716	18	4,952	5,062	4,241	4,623	3,320	3,015	2,793	1,722	7.3	126	71
Kansas State University													
KSR.07363 RR	3,748	15	4,429	4,851	4,240	4,809	3,096	3,789	2,689	2,084	8.0	131	71
KSUR.1211 SURT	3,937	11	4,566	5,314	3,637	5,582	3,624	3,709	2,519	2,545	8.0	132	75
Torrington	3,957	9	4,806	5,404	3,836	4,926	4,221	3,055	3,156	2,250	7.0	131	78
Lima Grain Cereal Seeds													
Arsenal	4,307	4	4,675	6,017	4,642	6,519	3,403	3,282	3,357	2,563	3.3	126	75
Atenzo	4,285	5	5,522	7,014	4,179	6,152	2,931	2,888	2,739	2,851	3.0	128	77
Rubisco Seeds													
Edimax CL	4,362	3	4,873	5,890	4,286	6,325	4,001	3,910	2,929	2,683	5.5	131	74
Mercedes	4,427	1	5,114	6,373	4,474	5,755	3,830	3,803	3,341	2,728	6.3	130	74
Plurax CL	4,397	2	5,322	6,689	4,877	5,457	3,991	3,394	3,122	2,320	6.0	127	69
Star Specialty Seed, Inc.													
Star 915W RR	3,741	16	4,231	5,247	5,000	4,379	3,347	3,631	2,344	1,752	7.3	131	73
Croplan by Winfield													
HyCLASS 115W RR	3,589	23	4,644	4,658	4,405	4,447	2,699	3,947	2,243	1,672	7.3	130	71
HyCLASS 220W RR	3,720	17	4,568	4,942	3,261	4,702	2,853	4,278	3,002	2,156	7.8	130	72
HyCLASS 225W RR	3,951	10	4,862	5,311	4,312	4,937	3,783	3,858	2,260	2,288	6.5	130	74
University of Idaho													
Amanda	3,978	8	4,666	5,347	3,521	5,431	3,967	3,692	3,046	2,157	6.0	132	71
UI.05.6.33 SU	3,594	22	3,944	4,844	4,443	4,617	3,221	3,113	2,259	2,313	5.8	131	71
06.WC.1	3,562	24	4,530	4,761	3,886	4,426	3,148	3,117	2,821	1,805	5.0	127	69
15.WC.1	4,053	6	5,405	5,781	4,614	5,312	4,205	2,657	3,109	1,341	4.8	132	75
05.WC.6.4.3 IMI	3,679	19	4,723	5,625	3,918	4,782	3,386	2,988	2,604	1,404	6.5	132	75
05.WC.9.7.5.7 IMI	3,647	21	4,444	4,766	3,990	5,037	3,350	3,048	2,621	1,920	6.0	131	74
05.WC.15.7.5 IMI	3,832	13	4,874	5,371	4,250	4,987	3,094	3,330	2,673	2,077	7.0	133	75
Durola Rapeseed	4,020	7	5,027	6,000	4,005	5,164	3,761	3,384	2,995	1,826	6.3	129	72
05.WI.45.2.2 IMI Rapeseed	3,842	12	4,730	5,470	4,937	5,111	3,299	3,092	2,253	1,844	5.5	131	75
Mean	3,910		4,748	5,486	4,231	5,146	3,452	3,366	2,755	2,093	6.2	130	73
LSD (p=0.05)	285		NS	793	552	554	687	601	NS	858	1.7	0.9	3.5
C.V. (%)	15.0		14.3	10.2	9.3	10.9	14.1	12.4	23.1	29.0	19.8	0.7	4.8

Notes:

The LaCrosse, WA site was damaged by Roundup herbicide drift. Obviously damaged plots were not included in the yield analysis, but the Roundup Ready entries still appear to have been favored.

The Odessa and LaCrosse, WA sites had some winter damage that had an effect on relative performance of the entries.

The Odessa, WA and Hermiston, OR sites were irrigated.