

2023 PNW Winter Canola Variety Trial data including a three-year mean seed yield (lbs. per acre), 2023 seed yield (lbs. per acre), winter survival scores (mean of scores from Moscow, ID, Nezperce, ID, and Davenport, WA; 1 to 9 where 1 indicates no survival and 9 indicates no winter damage) 50% flower date (Moscow, ID; date in May), and plant canopy height at maturity (mean of Moscow, ID and Nezperce, ID; inches).

Variety	Three-Year Mean		2023 Seed Yield									Winter Survival		50%	Canopy
	Seed Yield		2023 Mean		Moscow, ID		Nezperce, ID		Davenport, WA*		Score		Flower	Height	
	-lbs/acre-	-rank-	-lbs/acre-	-rank-	-lbs/acre-	-rank-	-lbs/acre-	-rank-	-lbs/acre-	-rank-	-score-	-rank-	-May date-	-inches-	
Trial Controls															
Athena	3,265	13	3,072	19	3,085	12	3,954	20	1,879	16	4.5	13	13	59	
Ericka	2,918	20	3,262	12	2,952	15	3,886	22	2,001	11	4.9	7	11	55	
Dwarf Essex	3,027	19	3,051	20	3,042	14	4,090	19	1,677	23	4.7	10	15	64	
CROPLAN															
CP225W RR SURT	3,374	10	3,579	7	3,694	8	4,722	12	1,901	15	5.7	4	14	60	
CP320W RR	3,520	6	3,882	2	3,946	5	4,757	11	2,627	1	6.1	3	13	58	
CP1022WC G2Flex**	3,170	16	2,926	22	1,380	23	4,702	13	2,618	2	4.6	12	17	62	
CP1055WC CL			2,651	23	1,632	21	3,864	23	2,393	5	3.2	24	15	59	
CP1066WC	3,496	7	3,998	1	4,598	1	5,099	2	1,728	19	7.3	1	14	68	
CP1077WC	3,673	4	3,244	13	2,766	17	4,885	4	1,694	22	3.7	18	14	60	
Kansas State University															
Surefire SURT	3,360	11	3,327	11	3,054	13	4,623	15	1,962	12	4.7	10	14	62	
KS4662			3,727	6	4,138	3	4,551	17	2,081	8	6.5	2	14	65	
KSR4854S RR SURT			3,792	4	4,143	2	4,814	5	1,961	13	5.4	5	14	63	
Rubisco Seeds															
Beatrix CL			3,219	15	2,779	16	4,800	8	1,698	20	3.4	23	14	62	
Kicker	4,196	1	3,505	9	3,118	11	4,805	6	2,288	6	3.5	22	15	58	
Mercedes	3,999	2	3,881	3	3,359	10	5,401	1	2,551	4	4.9	8	14	61	
Phoenix CL	3,632	5	3,454	10	3,879	6	4,380	18	1,653	24	3.7	20	14	60	
Plurax CL	3,876	3	3,753	5	3,967	4	5,078	3	1,698	20	3.8	17	13	60	
University of Idaho Canola															
Amanda	3,215	15	2,961	21	1,630	22	4,801	7	1,941	14	4.1	16	16	60	
13WC.22.4.10.15	3,066	18	2,503	24	1,312	24	3,907	21	2,079	9	3.6	21	17	61	
13WC.96.7.20**	3,278	12	3,119	18	1,953	20	4,795	9	2,100	7	4.1	15	16	62	
15WC.110.7.9	3,405	9	3,242	14	2,578	18	4,790	10	2,064	10	3.7	18	15	66	
University of Idaho Industrial Rapeseed															
Durola	3,490	8	3,576	8	3,792	7	4,683	14	1,813	18	4.9	9	13	61	
Impress**	3,075	17	3,179	16	3,529	9	3,816	24	1,861	17	5.2	6	12	59	
13WI.7.7.5.13	3,219	14	3,147	17	2,131	19	4,582	16	2,587	3	4.4	14	15	62	
Mean	3,413		3,335		3,019		4,574		2,036		4.6		14	61	
LSD (p = 0.05)			153		901		539		715		0.9		1	2	
C.V. (%)			15.0		21.1		8.3		19.9		23.3		6.0	4.0	
Seeding Date			August 12			August 15			August 19						

* The 2023 Davenport site had only three replications, while the other sites had four replications, and the overall means for seed yield reflect the fewer reps at Davenport.

** Resistant to Group 2 herbicides.