

University of Idaho 2023 PNW Spring Canola Variety Trial Summary including mean seed yield (lbs. per acre) and yield rank at Idaho and Washington sites, seed yield (lbs. per acre) and yield rank at individual sites, flower date (days after seeding), and plant canopy height at maturity (inches). Flower dates were recorded at Moscow and Genesee, and plant canopy heights were recorded at Moscow, Genesee, Craigmont, and Dayton.

Variety*	Yield**	Rank	Yield by Site										Flower Date	Plant Height				
			Bonners Ferry, ID		Moscow, ID		Genesee, ID		Craigmont, ID		Davenport, WA				Dayton, WA		Hermiston, OR	
			Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank			Yield	Rank	Yield	Rank
----- lbs per acre -----																		
Controls																		
Westar	2,110	33	2,559	29	1,751	35	2,059	34	1,612	36	2,558	31	2,121	33	1,255	28	47	49
Profit	2,044	34	2,378	32	1,889	33	1,848	35	1,825	31	2,503	33	1,819	34	1,260	27	46	53
CP930 RR	2,686	26	2,661	28	2,404	22	2,991	20	2,225	19	2,950	21	2,887	22	1,279	25	44	47
Goldrush	1,832	36	1,602	36	1,513	36	2,285	33	1,783	32	2,193	36	1,615	36	1,184	31	37	43
BASF Corporation																		
InVigor L233P (LL)	3,025	5	3,076	20	2,544	13	3,466	5	2,313	15	3,408	3	3,343	3	1,632	9	46	51
InVigor L340PC (LL)	3,023	7	3,362	9	2,528	14	3,519	4	2,482	5	2,790	25	3,454	2	1,969	2	47	51
InVigor L343PC (LL)	3,083	2	3,399	6	2,881	1	3,642	1	2,623	2	2,914	22	3,041	17	1,855	5	46	52
InVigor LR344PC (LL+TF)	2,788	21	3,041	22	2,241	26	3,078	16	2,025	26	3,287	8	3,058	15	1,261	26	50	52
InVigor L345PC (LL)	3,146	1	3,791	1	2,458	17	3,603	2	2,380	11	3,121	11	3,521	1	1,554	15	49	54
InVigor LR354PC (LL+TF)	3,024	6	3,756	2	2,444	20	3,058	17	2,300	17	3,383	5	3,201	9	1,596	11	50	54
Bayer CropScience																		
DKTFLL21SC (TF+LL)	2,956	9	3,444	3	2,438	21	3,041	18	2,440	8	3,294	7	3,081	13	1,547	3	44	47
DK900 TF	2,932	12	3,364	8	2,492	16	3,290	7	2,312	16	3,063	16	3,069	14	1,721	8	46	48
DK902 TF	2,962	8	3,071	21	2,744	5	3,134	12	2,449	6	3,227	9	3,144	11	1,400	21	45	47
BrettYoung Seeds																		
BY 5125 CL	2,650	27	3,038	23	2,455	18	2,558	28	2,131	21	3,105	12	2,612	29	1,504	19	46	50
BY 6211 TF	2,783	22	3,082	19	2,686	8	3,105	15	2,077	23	2,864	23	2,885	23	-	-	46	50
CANTERRA SEEDS (Meridian Seeds, LLC)																		
CS2600 CR-TF	3,033	4	3,172	14	2,572	11	3,292	6	2,401	9	3,523	1	3,238	6	1,755	6	44	48
CS3000 TF	2,942	10	3,412	5	2,792	4	3,116	13	2,379	12	2,742	28	3,212	7	1,519	17	44	46
CROPLAN																		
CP9221 RR	2,939	11	3,187	13	2,799	3	3,186	10	2,539	4	2,762	27	3,163	10	1,957	3	43	45
CP9978 TF	2,880	16	3,309	10	2,507	15	2,966	22	2,247	18	3,202	10	3,048	16	1,735	7	46	50
CP7130 LL	2,899	14	3,289	11	2,659	10	2,932	24	2,448	7	3,040	17	3,023	18	1,464	20	47	52
CP7250 LL	2,770	23	3,021	25	2,455	18	3,154	11	2,114	22	3,074	15	2,804	25	1,515	18	47	49
Nuseed																		
NC155 TF	2,813	19	3,252	12	2,268	25	2,931	25	2,068	24	3,373	6	2,985	20	1,230	29	43	47
NC471 TF	2,688	25	3,141	15	2,545	12	2,451	31	2,373	13	2,978	19	2,642	28	1,571	14	45	51
NC527CR TF	2,883	15	2,870	27	2,319	24	3,537	3	2,388	10	2,970	20	3,211	8	1,619	10	45	48
Nutrien Ag Solutions																		
DG 280 CLC (CL)	2,801	20	2,993	26	2,703	6	3,111	14	2,162	20	2,817	24	3,019	19	1,287	24	48	53
DG 760 TM (TF)	2,736	24	3,027	24	2,673	9	2,931	25	1,961	29	3,104	13	2,718	26	1,585	13	45	49
DG 761 TM (TF)	2,613	28	3,139	16	2,227	27	2,940	23	1,742	34	2,775	26	2,854	24	-	-	48	52
DG 781 TCM (TF)	3,054	3	3,426	4	2,697	7	3,217	8	2,671	1	3,427	2	2,888	21	1,439	21	45	51
Photosyntech																		
NCC101S	2,905	13	3,138	17	2,202	28	3,202	9	2,593	3	3,012	18	3,283	5	1,950	4	42	45
NCC1825/8-S	2,845	17	3,365	7	2,805	2	2,987	21	2,356	14	2,219	34	3,336	4	2,085	1	43	45
Star Specialty Seed																		
StarFlex TF	2,834	18	3,121	18	2,330	23	3,025	19	2,043	25	3,392	4	3,091	12	1,594	12	46	50
University of Idaho Canola																		
Empire	2,242	32	2,219	33	2,152	30	2,370	32	1,981	28	2,527	32	2,201	32	1,387	23	45	47
16.SC.24.9	2,447	29	2,442	30	1,984	31	2,839	27	1,952	30	3,075	14	2,387	31	1,050	32	47	49
16.SC.104.2	2,337	30	2,396	31	2,161	29	2,530	30	1,772	33	2,696	29	2,467	30	1,022	33	47	47
University of Idaho Industrial Rapeseed																		
Gem (G2)	1,887	35	2,034	34	1,831	34	1,794	36	1,711	35	2,203	35	1,747	35	893	34	47	45
Industrious	2,273	31	1,770	35	1,962	32	2,555	29	2,018	27	2,687	30	2,644	27	1,195	30	41	43
Average	2,718		2,982		2,392		2,937		2,192		2,952		2,856		1,496		45	49
LSD (p = 0.05)	65		504		369		402		221		461		346		418		1	2
C.V. (%)	10.4		12.1		10.7		9.7		7.1		11.6		8.6		17.3		2.0	4.1
Seeding Date			April 26		April 27		May 1		May 3		April 28		April 28		April 6			

* Herbicide Resistance Key: CL = Cleafield, G2 = Group 2 residual resistant, LL = LibertyLink, RR = Roundup Ready, TF = TruFlex Roundup Ready

** Mean yield includes only Idaho and Washington sites due to missing entries at the Hermiston, Oregon, site.