

University of Idaho 2022 PNW Spring Canola Variety Trial Summary including mean seed yield (lbs. per acre) and yield rank of the at the Idaho and Washington sites, seed yield (lbs. per acre) and yield rank at individual sites, flower date (days after seeding), lodging score at Bonners Ferry (1 to 9 scale where 1 = fully lodged and 9 = no lodging), and plant canopy height at maturity (inches). Flower date and plant canopy height were recorded at Moscow and Genesee.

Variety*	Mean**	Rank	Yield by Site												Flower Date	Lodging Score	Plant Height		
			Bonners Ferry, ID		Moscow, ID		Genesee, ID		Craigmont, ID		Dayton, WA		Pendleton, OR					Hermiston, OR	
			Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank				Yield	Rank
<i>----- lbs per acre -----</i>																			
<i>- days - - 1 to 9 scale - - inches -</i>																			
Controls																			
Westar	1,619	35	2,836	30	1,819	36	1,495	37	416	37	1,528	35	935	28	1,312	26	54	6.3	47
Profit	1,589	37	2,041	38	1,912	32	2,047	30	419	36	1,526	36	825	30	1,475	18	54	5.8	49
Goldrush	1,452	38	2,194	36	1,818	37	1,549	36	476	35	1,222	38	583	31	1,576	12	48	5.8	46
BASF Corporation																			
InVigor L233P (LL)	2,621	9	3,826	12	2,501	16	2,878	18	1,065	9	2,835	5	1,387	3	1,406	25	54	8.0	53
InVigor L340PC (LL)	2,957	2	4,284	2	2,732	5	3,650	1	1,110	5	3,011	3	1,051	24	1,538	16	53	9.0	51
InVigor L343PC (LL)	2,982	1	4,566	1	2,781	2	3,424	3	1,124	4	3,014	2	1,389	2	1,581	11	53	8.8	53
InVigor LR344PC (LL+TF)	2,751	5	3,993	5	2,844	1	3,094	13	1,136	2	2,690	10	1,343	6	1,573	13	54	7.5	54
InVigor L345PC (LL)	2,943	3	4,271	3	2,748	4	3,377	4	1,133	3	3,188	1	1,182	18	1,312	26	54	7.5	53
BrettYoung Seeds																			
BY 5125 CL	2,349	24	3,448	21	2,217	23	3,018	14	822	23	2,242	24	996	26	1,799	4	54	8.0	53
BY 6211 TF	2,547	15	3,587	17	2,519	14	3,114	11	1,092	6	2,421	20	1,253	14	1,649	9	54	7.3	52
BY 6217 TF	2,483	18	3,673	14	2,099	27	3,107	12	939	16	2,595	14	1,064	22	1,474	19	55	8.8	56
CANTERRA SEEDS (Meridian Seeds, LLC)																			
CS2600 CR-T (TF)	2,416	21	3,318	23	2,537	12	2,881	17	904	19	2,440	19	1,333	7	1,458	22	54	6.0	49
CS3000 TF	2,556	12	3,615	16	2,485	17	3,232	8	831	20	2,618	13	1,344	5	1,712	7	53	7.5	47
CROPLAN																			
CP930 RR	2,426	20	3,540	19	2,708	7	2,509	25	813	24	2,559	16	1,299	11	1,778	5	52	7.5	47
CP9919 RR	1,988	26	2,602	34	2,035	29	2,492	26	668	28	2,144	25	1,287	12	1,652	8	52	6.8	46
CP9978 TF	2,538	16	3,386	22	2,286	22	3,350	5	988	14	2,678	12	1,325	8	1,557	14	53	6.8	48
CP7130 LL	2,389	22	3,681	13	2,478	18	2,635	24	825	22	2,324	22	1,379	4	1,538	16	54	8.5	54
CP7144 LL	2,553	14	3,574	18	2,751	3	2,844	19	909	18	2,689	11	1,157	19	1,462	20	54	8.8	54
Dyna-Gro Seed																			
DG 280 CLC (CL)	2,619	10	3,670	15	2,688	8	2,829	21	1,031	11	2,876	4	-	-	-	55	8.5	54	
DG 660 LCM (LL)	2,383	23	3,207	26	2,581	11	3,159	9	827	21	2,143	26	-	-	-	53	7.8	54	
DG 760 TM (TF)	2,781	4	4,050	4	2,638	9	3,434	2	1,091	7	2,691	9	-	-	-	53	8.3	50	
DG 781 TCM (TF)	2,716	6	3,945	8	2,523	13	3,298	6	998	13	2,816	6	-	-	-	53	9.0	50	
Nuseed																			
NC155 TF	2,520	17	3,889	10	2,355	20	2,907	16	977	15	2,473	18	-	-	-	52	9.0	51	
NC471 TF	2,448	19	3,862	11	2,365	19	2,959	15	935	17	2,120	27	-	-	-	53	8.5	53	
NCS27CR TF	2,689	7	3,949	7	2,715	6	2,810	22	1,171	1	2,799	7	-	-	-	53	8.5	51	
Photosyntech																			
NCC101S	2,593	11	3,535	20	2,511	15	3,133	10	1,045	10	2,740	8	1,266	13	1,970	2	52	9.0	49
NCC1825/8-S	2,555	13	3,936	9	2,332	21	2,831	20	1,089	8	2,589	15	1,443	1	2,097	1	51	8.8	47
Rubisco																			
RUBSC T20225	1,933	29	2,952	28	1,824	35	2,427	27	765	25	1,695	34	1,063	23	1,554	15	53	5.0	44
Star Specialty Seed																			
StarFlex TF	2,661	8	3,961	6	2,582	10	3,240	7	1,012	12	2,512	17	1,310	10	1,848	3	53	7.8	51
University of Idaho Canola																			
Empire	1,729	33	2,145	37	2,106	26	1,881	32	521	34	1,992	30	1,318	9	1,415	24	53	4.8	45
16.SC.182.7	1,941	28	3,157	27	2,122	25	1,785	34	655	29	1,987	31	1,222	16	1,731	6	54	5.5	50
16.SC.182.10	1,877	31	2,874	29	1,882	33	1,896	31	686	27	2,048	28	1,117	21	1,461	21	54	5.5	48
16.SC.24.5	1,898	30	3,212	25	1,562	38	2,112	29	652	30	1,950	32	1,191	17	1,292	29	54	6.5	50
16.SC.24.9	1,981	27	2,698	33	1,839	34	2,313	28	708	26	2,348	21	1,244	15	1,600	10	54	7.3	49
16.SC.104.2	2,202	25	3,229	24	2,189	24	2,654	23	627	31	2,310	23	1,155	20	1,308	28	54	7.0	49
16.SC.182.6	1,775	32	2,750	31	1,980	30	1,725	35	560	32	1,859	33	1,024	25	1,445	23	55	4.5	50
University of Idaho Industrial Rapeseed																			
Gem	1,607	36	2,346	35	2,066	28	1,862	33	311	38	1,448	37	849	29	1,233	31	53	5.0	47
Industrious	1,725	34	2,703	32	1,921	31	1,463	38	531	33	2,006	29	947	27	1,234	30	51	6.3	44
Average	2,310		3,382		2,317		2,669		838		2,345		1,170		1,550		53	7.3	50
LSD (p = 0.05)	173		557		360		370		160		398		282		401		1	1.3	2
C.V. (%)	12.0		11.8		11.1		9.9		13.4		12.1		16.9		18.2		0.5	12.4	4.0
Seeding Date			April 28		May 5		May 11		May 11		April 29		March 25		March 28				

* Herbicide Resistance Key: CL = Cleafield, LL = LibertyLink, RR = Roundup Ready, TF = TruFlex Roundup Ready

** Only the Idaho and Washington sites are included in the overall mean due to reduced numbers of entries tested at the Oregon sites.