

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				
			Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank			
<i>lbs per acre</i>															
<i>- days -</i>															
<i>- 1 to 9 scale -</i>															
<i>- inches -</i>															
Controls															
Westar	1,619	35	2,836	30	1,819	36	1,495	37	416	37	1,528	35	54	6.3	47
Profit	1,589	37	2,041	38	1,912	32	2,047	30	419	36	1,526	36	54	5.8	49
Goldrush	1,452	38	2,194	36	1,818	37	1,549	36	476	35	1,222	38	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	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	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	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	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	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	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	54	7.3	52
BY 6217 TF	2,483	18	3,673	14	2,099	27	3,107	12	939	16	2,595	14	55	8.8	56
CANTERRA SEEDS															
CS2600 CR-T (TF)	2,416	21	3,318	23	2,537	12	2,881	17	904	19	2,440	19	54	6.0	49
CS3000 TF	2,556	12	3,615	16	2,485	17	3,232	8	831	20	2,618	13	53	7.5	47
CROPLAN															
CP930 RR	2,426	20	3,540	19	2,708	7	2,509	25	813	24	2,559	16	52	7.5	47
CP9919 RR	1,988	26	2,602	34	2,035	29	2,492	26	668	28	2,144	25	52	6.8	46
CP9978 TF	2,538	16	3,386	22	2,286	22	3,350	5	988	14	2,678	12	53	6.8	48
CP7130 LL	2,389	22	3,681	13	2,478	18	2,635	24	825	22	2,324	22	54	8.5	54
CP7144 LL	2,553	14	3,574	18	2,751	3	2,844	19	909	18	2,689	11	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	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	51	8.8	47
Rubisco															
RUBSC T20225 TT	1,933	29	2,952	28	1,824	35	2,427	27	765	25	1,695	34	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	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	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	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	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	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	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	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	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	53	5.0	47
Industrious	1,725	34	2,703	32	1,921	31	1,463	38	531	33	2,006	29	51	6.3	44
Average	2,310		3,382		2,317		2,669		838		2,345		53	7.3	50
LSD (p = 0.05)	173		557		360		370		160		398		1	1.3	2
C.V. (%)	12.0		11.8		11.1		9.9		13.4		12.1		0.5	12.4	4.0
Seeding Date			April 28		May 5		May 11		May 11		April 29				

* **Herbicide Resistance Key:** CL = Cleafield, LL = LibertyLink, RR = Roundup Ready, TF = TruFlex Roundup Ready, TT = Triazine Tolerant
 ** **Only the Idaho and Washington sites are included in the overall mean due to reduced numbers of entres tested at the Oregon sites.**