

University of Idaho 2025 PNW Spring Canola Variety Trial Summary including overall mean seed yield (lbs. per acre) and rank, mean seed yield (lbs. per acre) and rank at each site, drought stress (visual scores on a scale of 0-5, with 0 being the least impacted), flower date (days after planting to 50% flower), and plant canopy height at maturity (inches). Drought stress, and flower dates were recorded at Moscow and Genesee, and plant canopy heights were recorded in Moscow.

Variety*	Yield	Rank	Yield by Site																		Drought Stress	Flower Date	Plant Height
			Anatone, WA		Bonners Ferry, ID**		Davenport, WA		Dayton, WA		Genesee, ID		Grangeville, ID		Moscow, ID		Potlatch, ID		Rockford, WA				
			Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank			
- lbs / ac -			----- lbs per acre -----																		- days - - inches -		
Control																							
Goldrush	362	32	155	30	441	32	507	27	641	32	436	31	188	28	196	30	523	30	169	32	2.3	50	34
Profit	364	31	115	31	822	28	351	31	673	31	438	30	102	32	120	32	419	31	236	31	2.7	59	40
Westar	632	24	202	27	891	27	523	26	1034	22	1015	24	199	27	316	25	1049	25	453	23	2.9	57	37
BASF Corporation																							
InVigor L345PC (LL)	1051	11	271	21	1667	19	994	6	1265	14	1652	7	475	9	820	14	1481	12	832	3	2.2	57	44
InVigor L330PC (LL)	1151	5	469	14	1910	12	1031	3	1328	10	1718	6	400	17	952	6	1585	6	964	1	2.2	55	41
InVigor L333PC (LL)	1046	13	215	25	2247	3	709	21	1210	17	1826	1	507	3	830	13	1448	15	424	24	2.1	57	41
InVigor L340PC (LL)	1036	14	339	18	1986	7	1038	2	1144	18	1242	20	425	12	983	4	1551	7	594	16	2.9	56	42
InVigor LR344PC (LL + TF)	1231	2	581	10	2398	2	1017	4	1348	8	1776	3	410	15	916	9	1689	3	940	2	2.5	56	40
InVigor LR354PC (LL + TF)	1148	6	474	13	2455	1	852	12	1390	5	1445	13	530	2	934	8	1498	9	756	6	2.2	58	43
CANTERRA SEEDS																							
CS2600 CR-T (TF)	1236	1	693	3	1958	8	1000	5	1555	1	1630	9	504	5	1140	1	1836	2	806	4	2.3	55	39
CS3000 TF	1082	10	655	5	1990	6	719	19	1384	6	1522	12	414	14	760	18	1530	8	762	5	2.4	55	40
CS3200 TF	1093	9	675	4	2117	4	755	17	1340	9	1650	8	424	13	779	17	1462	14	635	13	2.3	57	39
CS3300 TF	1188	3	732	2	1949	10	970	7	1509	2	1739	4	571	1	1070	3	1488	11	669	11	2.6	56	38
CROPLAN																							
CP9221 TF	1155	4	762	1	1885	13	1111	1	1238	16	1815	2	443	11	872	12	1619	5	644	12	2.6	55	34
CP9551 TF	938	18	640	6	1504	20	761	15	1395	3	1088	22	496	6	700	19	1367	17	489	22	2.5	59	36
CP9978 TF	1131	7	619	8	2052	5	877	10	1128	19	1345	16	454	10	943	7	2060	1	702	8	2.8	56	39
Dyna-Grow Seed																							
DG 280 CLC (CL)	894	21	224	24	1846	14	621	23	1102	20	1540	11	302	21	648	20	1162	20	603	15	2.2	58	42
DG 760 TM (TF)	1000	16	606	9	1707	17	712	20	1393	4	1374	15	398	18	795	16	1490	10	526	20	2.6	56	39
DG 783 TCN (TF)	1048	12	634	7	1790	16	839	13	1319	11	1405	14	481	8	819	15	1478	13	671	10	3.1	56	36
Photosyntech																							
NCC101S	1029	15	494	12	1707	18	873	11	1265	13	1590	10	388	19	915	10	1343	18	683	9	2.2	54	36
NCC2504B (IMI)	1122	8	373	15	1956	9	916	8	1359	7	1726	5	359	20	1134	2	1683	4	589	18	2.3	56	36
Rubisco Seeds																							
CHIP CL	785	22	265	22	1366	22	786	14	1009	24	1224	21	199	26	562	22	1061	23	591	17	3.2	57	42
COLETTE CL	613	25	115	32	1116	23	434	30	1099	21	922	25	228	24	287	26	818	26	502	21	2.9	58	42
RUB CL 0225 CL	993	17	278	20	1844	15	915	9	1021	23	1298	17	507	4	955	5	1386	16	731	7	2.3	61	39
RUB CL 0924 CL	925	19	310	19	1481	21	726	18	1248	15	1271	19	486	7	887	11	1286	19	626	14	2.5	55	40
Star Seeds																							
StarFlex TF	921	20	571	11	1918	11	757	16	1309	12	1286	18	276	22	593	21	1053	24	528	19	2.3	56	39
University of Idaho																							
21.SC.21B2	514	29	191	28	1018	24	314	32	888	28	884	27	161	30	227	28	566	29	381	25	2.6	58	39
21.SC.23A.1	714	23	366	16	1005	25	606	24	1008	25	1051	23	409	16	534	23	1106	22	340	27	2.4	55	35
21.SC.25A1.11	558	28	189	29	808	30	579	25	946	26	687	29	169	29	214	29	1131	21	299	30	3.1	57	38
Empire	563	27	250	23	993	26	472	29	835	30	857	28	209	25	260	27	816	27	377	26	2.7	56	37
Gem (G2) Rapeseed	405	30	206	26	690	31	494	28	838	29	436	32	130	31	190	31	328	32	333	28	2.9	56	35
Industrious Rapeseed	601	26	348	17	810	29	679	22	936	27	902	26	237	23	452	24	741	28	305	29	3.7	54	31
Average	891		407		1573		748		1161		1275		359		681		1252		568		2.6	56	39
LSD (p = 0.05)	32		96		343		233		238		371		154		222		429		274		0.4	1	3
C.V. (%)	35.9		16.7		24.0		22.2		14.6		20.6		30.5		23.2		24.3		34.1		21.8	4.9	5.3
Seeding Date			May 6 th		April 18 th		April 29 th		April 28 th		April 24 th		April 22 nd		May 1 st		April 23 rd		May 7 th				

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

** Bonners Ferry yield may have been negatively impacted due to the lab's calculation error, resulting in under-fertilizing at this site