

2016 PNW Canola Spring Canola Variety Trial results including mean yield (lbs per acre) and rank of the Washington and Idaho sites, yield and rank at individual sites, days from planting to flowering, heat tolerance at flowering score from the Dayton, WA site (1 to 9 scale with 9 representing the highest tolerance) and plant canopy height (inches) at maturity.

Variety	Mean		Fairfield WA		LaCrosse WA		Dayton WA		Moscow ID		Craigmont ID		Hermiston OR		Pendleton OR		Flower Start	Heat Tolerance	Plant Height		
	Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank					
Controls																					
	----- pounds per acre -----																	- days -	- score -	- inches -	
Westar	2,026	33	2,635	36	1,272	27	2,359	36	1,995	35	1,870	38	2,860	19	883	35	49	4.8	43		
Profit	2,016	34	2,607	37	954	37	2,554	29	1,911	41	2,053	35	2,499	27	1,029	23	49	5.5	44		
Goldrush	1,715	35	2,231	43	911	38	1,592	39	1,325	46	2,514	26	2,540	26	711	37	37	6.3	39		
Bayer CropScience LP																					
InVigor L130 LL	2,677	8	3,008	18	1,658	12	2,953	10	2,613	4	3,151	6	2,928	18	1,072	19	50	5.8	48		
InVigor L140P LL	2,621	10	3,096	14	1,689	10	2,836	15	2,571	5	2,913	16	3,860	4	1,172	12	50	5.8	46		
InVigor 5440 LL	2,531	12	3,091	16	1,344	24	2,783	21	2,363	14	3,072	9					51	6.0	47		
BrettYoung Seeds																					
BY 15-677 CL	2,614	11	2,889	24	1,548	15	3,140	7	2,429	12	3,064	11			1,215	10	50	6.3	46		
BY 5535 CL	2,459	16	2,847	25	1,530	16	2,842	14	2,384	13	2,692	24	2,848	20	1,287	5	50	6.5	49		
BY 16-768 RR	2,402	18	2,996	19	1,516	17	2,643	25	2,030	32	2,827	20			1,380	2	49	6.5	43		
BY 6080 RR	2,262	22	3,285	10	1,309	26	2,650	24	2,144	20	1,922	36			1,290	4	49	6.5	44		
Canterra Seeds																					
CS2200 CL	2,208	24	2,769	30	1,384	22	2,671	23	1,967	38	2,247	30			1,118	17	52	8.0	48		
Cargill Specialty Seeds and Oils																					
V12-1 RR	2,291	21	2,974	20	1,068	35	2,408	35	2,196	18	2,811	21	3,271	12	908	34	50	6.5	46		
V12-3 RR	2,457	17	3,203	11	1,229	29	2,680	22	2,080	27	3,093	7	2,985	17	1,011	27	50	5.8	46		
V22-1 RR	2,131	27	2,718	32	1,066	36	2,427	34	1,853	42	2,589	25	2,737	22	943	33	51	6.0	44		
Croplan by Winfield																					
HyCLASS 930 RR	2,838	3	3,382	6	1,703	8	3,407	2	2,435	10	3,265	4	3,260	13	1,350	3	47	6.8	43		
HyCLASS 955 RR	2,863	2	3,397	5	1,660	11	3,515	1	2,668	1	3,073	8	3,894	3	1,417	1	47	6.5	43		
HyCLASS 970 RR	2,514	14	3,197	12	1,502	19	2,941	11	2,017	33	2,911	17	2,718	23	1,142	16	48	5.5	43		
Monsanto Company																					
DKL 70-10 RR	2,799	4	3,506	2	1,810	4	3,195	5	2,535	7	2,948	13	2,621	25	1,240	8	48	7.3	45		
G35153 RR	2,738	7	3,289	9	1,641	13	3,369	3	2,485	8	2,906	18	3,481	7	1,200	11	48	6.3	45		
G49720 RR	2,743	6	3,420	3	1,579	14	3,235	4	2,617	3	2,863	19	3,456	9	1,217	9	48	7.0	47		
G49733 RR	2,883	1	3,717	1	1,706	7	3,094	8	2,648	2	3,251	5	3,566	6	1,253	7	49	6.0	44		
Nuseed																					
GT50 RR	2,480	15	3,092	15	1,724	6	2,472	31	2,042	30	3,070	10	3,803	5	951	30	49	8.0	43		
NCH 13G046 RR	2,526	13	3,318	7	1,741	5	2,506	30	2,124	22	2,939	14	3,419	10	950	31	49	7.0	44		
Star Specialty Seed, Inc																					
Star 402 RR	2,671	9	3,309	8	1,515	18	3,184	6	2,433	11	2,914	15	3,277	11	1,164	13	47	6.0	46		
University of Idaho																					
Empire	2,319	20	2,698	33	1,206	30	2,785	20	2,185	19	2,719	23	3,119	15	1,150	14	47	6.3	39		
Cara	2,092	30	2,461	42	1,079	34	2,593	27	2,009	34	2,319	28	2,206	32	1,045	22	47	4.8	43		
07SC17.20.B4	2,087	31	2,505	41	1,395	21	2,793	17	1,844	43	1,899	37	2,992	16	991	28	50	5.3	43		
07SC27.19.B3	2,095	29	2,554	39	1,325	25	2,459	32	1,953	40	2,186	32	2,642	24	945	32	50	4.3	44		
07.IR.5.5.5	2,200	25	3,010	17	1,116	32	2,808	16	1,971	36	2,097	33	2,493	28	985	29	50	5.8	48		
07.IR.7.8.8	2,130	28	2,919	22	1,098	33	2,439	33	2,110	25	2,086	34	2,035	33	1,026	24	50	6.5	44		
10.SN.22.8	2,168	26	2,973	21	1,372	23	2,165	38	1,970	37	2,359	27	2,821	21	1,071	20	48	4.8	39		
Gem Rapeseed	2,075	32	2,542	40	1,198	31	2,337	37	2,036	31	2,263	29	2,304	31	815	36	48	5.5	41		
07.SI.8.A10 Rapeseed	2,246	23	2,640	35	1,478	20	2,788	18	2,089	26	2,233	31	2,458	29	1,058	21	45	4.5	39		
Photosyntech																					
NCC 101S	2,774	5	3,111	13	1,953	3	2,912	13	2,443	9	3,451	2	3,468	8	1,283	6	46	8.0	41		
NCC 16-015					2,035	1			2,131	21	3,453	1	3,903	2	1,146	15	49		40		
NCC 16-017					1,976	2			2,563	6	3,349	3	3,960	1	1,018	26	49		42		
NCC 16-713					1,694	9			1,811	44	3,053	12	2,441	30	1,022	25	50		45		
Cibus																					
C1511 SU	2,376	19	2,818	27	1,265	28	2,925	12	2,075	28	2,799	22	3,181	14	1,090	18	50	4.8	44		
C5507 SU			2,817	28			2,969	9	2,121	24							50	4.0	45		
C5513 SU			2,652	34			2,788	18	1,956	39							52	3.8	45		
C5522 SU			2,748	31			2,636	26	2,123	23							50	4.8	45		
Crop Production Services																					
DG 200 CL			2,906	23					2,218	17							51		47		
DG 531G RR			2,598	38					2,265	15							48		45		
DG 533G RR			3,413	4					2,225	16							49		46		
Xceed X122 CL			2,834	26					1,699	45							41		46		
Dow AgroSciences																					
Nexera 2020 CL			2,775	29			2,591	28	2,067	29							51	3.5	46		
Mean	2,401		2,952		1,454		2,755		2,168		2,716		3,032		1,096		49	5.9	44		
LSD (p=0.05)			314		225		387		326		360		751		220		1	0.9	2.5		
C.V.			7.6		11.2		10.0		10.9		9.5		17.6		14.3		1.7	10.9	4.1		