

2018 PNW Spring Canola & Rapeseed Variety Trial results including mean yield (lbs. per acre) and rank at all sites, yield by site (lbs./acre), mean flower date at Moscow and Genesee (days after planting), and mean plant canopy height at Moscow and Genesee (inches).

Varieties Tested	Mean Yield and Rank at All Sites		Yield by location									Flower Start	Plant Height
			Bonniers Ferry ID	Moscow ID	Genesee ID	Craigmont ID	Davenport WA	Fairfield WA	Dayton WA	Pendleton OR			
	<i>lbs per acre</i>	<i>rank</i>	<i>lbs per acre</i>									<i>days</i>	<i>inches</i>
Control Varieties													
Westar	2,040	35	1,901	2,483	3,550	2,009	1,376	1,076	2,890	1,032	49	45	
Profit	1,996	38	2,014	2,248	3,289	2,051	1,014	1,209	2,836	1,303	49	46	
Goldrush	1,791	40	1,814	2,151	2,579	2,582	1,408	1,144	1,926	725	39	40	
BASF InVigor Canola													
InVigor L140P LL	2,630	8	3,216	2,816	4,107	2,912	1,505	1,836	3,166	1,481	51	49	
InVigor L233P LL	2,667	5	3,067	2,613	4,192	3,105	1,675	1,675	3,295	1,715	50	49	
Brett Young Seeds													
5545 CL	2,647	6	3,575	2,779	4,340	2,498	1,532	1,394	3,581	1,476	51	50	
4187 RR	2,460	18	3,531	2,391	3,881	2,206	1,232	1,340	3,495	1,606	54	51	
6074 RR	2,525	15	3,581	2,450	3,914	2,528	1,570	1,416	3,388	1,351	52	48	
6090 RR	2,374	20	3,083	2,344	4,168	2,521	1,256	1,027	3,460	1,135	53	56	
Canterra Seeds													
CS2500 CL	2,583	12	3,424	2,818	4,172	2,676	1,443	1,236	3,691	1,204	51	50	
Cargill Goba Edible Oil Solutions													
V32-1 CL	2,244	23	2,921	2,371	3,579	2,310	1,198	1,397	2,966	1,212	52	48	
11H4030 RR	2,609	11	3,066	2,780	3,867	2,974	1,760	1,432	3,271	1,721	45	41	
Nutrien Ag Solutions													
DG 200 CL	2,631	7	3,517	2,653	4,084	2,622	1,807	1,241	3,607	1,515	52	50	
DG 533G RR	2,492	16	2,943	2,622	4,239	2,553	1,387	1,511	3,248	1,432	51	47	
DG 540G RR	2,480	17	2,930	2,995	3,987	2,440	1,442	1,550	3,116	1,379	51	48	
Croplan by WinField United													
HyCLASS 730 RR	2,570	13	2,999	2,962	4,386	2,789	1,658	1,443	3,271	1,050	47	45	
HyCLASS 930 RR	2,443	19	2,695	2,646	4,037	2,725	1,719	1,710	3,311	697	46	45	
HyCLASS 955 RR	2,611	9	2,724	2,568	4,714	2,952	1,677	1,562	3,351	1,339	48	45	
DEKALB													
DKL 35-23 RR	2,755	2	3,259	2,955	4,569	3,142	1,672	1,654	3,455	1,336	48	46	
DKL 70-10 RR	2,609	10	3,194	2,950	4,327	2,725	1,732	1,324	3,511	1,109	49	47	
Photosyntech													
NCC101S	2,794	1	2,067	3,111	4,226	3,482	2,138	1,975	3,575	1,777	44	44	
NCC.1825/8-S	2,696	4	2,844	2,831	4,150	2,950	2,000	1,784	3,300	1,706	47	43	
Rubisco Seeds													
Atomic TT	1,771	41	1,745	1,723	2,994	2,090	900	1,197	2,570	952	48	42	
Trapper	2,550	14	2,522	2,824	4,067	3,142	1,630	1,360	3,315	1,539	45	44	
Star Specialty Seed													
Star 402 RR	2,701	3	3,400	2,611	4,296	3,029	1,731	1,790	3,547	1,207	48	47	
University of Idaho Canola													
Empire	2,226	24	1,901	2,713	3,844	2,584	1,409	1,415	2,889	1,049	47	41	
07SC27.19.B3	1,933	39	1,861	1,857	3,215	1,979	1,317	1,225	2,889	1,117	49	45	
07.IR.7.8.8.7	2,066	33	2,150	2,288	3,528	2,296	1,158	1,218	2,782	1,109	49	47	
14.SC.4.8	2,080	32	1,566	2,562	3,740	2,455	1,380	1,052	2,719	1,165	48	44	
14.SC.81.5	2,312	22	2,102	2,625	3,941	2,485	1,551	1,378	3,030	1,384	47	43	
14.SC.88.11	2,124	29	1,908	2,753	3,690	2,538	1,078	1,047	2,876	1,101	51	48	
14.SC.96.9	2,223	26	1,927	2,393	3,757	2,505	1,577	1,195	3,002	1,431	49	44	
14.SC.157.9	2,123	30	1,971	2,454	3,327	2,427	1,414	1,221	2,885	1,284	49	43	
University of Idaho Industrial Rapeseed													
Gem	2,002	37	1,539	2,619	3,234	2,332	1,300	1,290	2,929	773	47	44	
07.SI.8.A10	2,225	25	1,965	2,648	3,495	2,641	1,794	1,115	2,983	1,157	45	41	
07.IR.1.5.4.5	2,051	34	1,824	2,037	3,671	2,416	1,375	1,324	2,817	947	48	47	
14.SC.5.7	2,039	36	2,010	2,233	3,325	2,390	1,363	1,519	2,713	756	48	44	
14.SC.94.16	2,327	21	2,100	2,965	3,974	2,740	1,416	1,355	2,970	1,092	47	44	
14.SC.156.10	2,159	27	2,539	2,137	3,650	2,451	1,549	1,091	2,823	1,035	48	43	
10SN27.A7.9.10	2,095	31	1,899	2,300	3,607	2,409	1,322	1,280	2,784	1,161	45	41	
10SN27.A7.9.14	2,157	28	1,902	2,763	3,632	2,316	1,432	1,153	2,794	1,267	45	42	
Mean	2,337		2,517	2,562	3,838	2,585	1,485	1,370	3,098	1,240	48	46	
LSD ($p = 0.05$)	138		521	443	453	276	337	355	317	412	0.7	2.1	
C.V. (%)	13.7		14.9	12.4	8.5	7.7	16.3	18.6	7.3	23.9	1.6	4.7	