

2019 University of Idaho 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).

	Mean Yield and Rank at All Sites		Yield by location							Flower Start	Plant Height
			Bonnerr Ferry ID	Moscow ID	Genesee ID	Craigmont ID	Davenport WA	Rockford WA	Dayton WA		
	<i>lbs per acre</i>	<i>rank</i>	-----			<i>lbs per acre</i>	-----			<i>days</i>	<i>inches</i>
Control Varieties											
Westar	2,225	29	2,670	1,322	2,912	2,829	1,340	1,067	3,433	51	46
Profit	2,120	32	2,861	1,381	2,839	2,665	1,177	775	3,142	51	48
Goldrush	1,944	35	2,080	1,757	2,553	2,351	1,200	845	2,825	43	42
IdaGold Yellow Mustard	1,727	36	2,640	1,109	2,431	1,688	1,059	383	2,779	44	45
BASF InVigor Canola											
InVigor L233P LL	2,707	5	3,803	2,008	3,462	3,132	1,509	959	4,075	51	47
InVigor L234P LL	2,735	4	4,206	2,059	3,810	2,916	1,435	967	3,752	50	48
InVigor L255P LL	2,580	10	3,976	1,820	3,507	2,948	1,236	964	3,607	53	47
Brett Young Seeds											
5545 CL	2,544	14	4,059	1,612	3,328	2,833	1,412	863	3,699	50	49
4187 RR	2,474	17	3,819	1,727	3,112	2,871	1,320	973	3,496	54	51
6090 RR	2,534	15	3,829	1,646	3,154	2,988	1,179	1,158	3,787	53	50
Cargill Global Edible Oil Solutions											
16MH6001 CL	2,349	23	3,286	1,658	3,047	2,947	1,315	1,028	3,165	53	43
16MH6004 CL	2,378	20	3,412	1,706	3,142	3,039	1,251	786	3,311	52	44
CANTERRA SEEDS / Meridian Seeds, LLC											
CS 2500 CL	2,399	19	3,611	1,609	3,208	2,664	1,273	987	3,439	50	49
Croplan by WinField United											
HyCLASS 930 RR	2,777	3	3,435	2,342	3,538	3,120	1,722	1,228	4,053	47	46
HyCLASS 955 RR	2,840	1	3,914	1,967	3,685	3,204	1,740	1,159	4,208	49	47
CP9978 TF	2,572	11	3,964	1,744	3,122	2,839	1,425	1,031	3,882	50	50
DEKALB											
DKTF91SC TF	2,701	6	3,400	2,337	3,686	3,059	1,528	966	3,929	47	45
DKTF92SC TF	2,625	8	3,313	2,058	3,169	3,141	1,390	1,277	4,030	48	47
Nutrien Ag Solutions											
DynaGro 200 CL	2,590	9	3,655	1,761	3,355	2,896	1,353	1,150	3,963	53	51
DynaGro 533G RR	2,484	16	3,511	1,864	3,234	2,977	1,263	1,085	3,454	50	48
DynaGro 540G RR	2,571	12	3,670	1,791	3,444	2,709	1,538	1,102	3,743	51	50
Photosyntech											
NCC 101S	2,790	2	3,499	2,404	3,516	3,237	1,666	1,304	3,904	47	44
Star Specialty Seed											
Star 402 RR	2,684	7	3,290	2,019	3,692	3,148	1,408	1,100	4,128	48	46
StarFlex TF	2,558	13	3,393	1,968	3,452	2,878	1,443	1,050	3,722	49	46
University of Idaho Canola											
Empire	2,340	24	2,919	1,769	3,109	2,553	1,555	1,192	3,285	48	43
Syringa (IR.7.8.8.7)	2,158	31	2,882	1,627	3,092	2,574	1,197	891	2,843	49	45
Monarch (07.SC.27.19.B3)	1,957	34	2,229	1,543	2,529	2,526	1,305	790	2,778	49	43
14.SC.81.5	2,270	27	2,543	1,791	3,062	2,838	1,502	763	3,391	48	42
14.SC.96.9	2,237	28	2,334	1,654	3,080	2,789	1,360	1,028	3,415	49	45
SCD.23.4	2,438	18	3,355	1,941	2,999	2,869	1,377	988	3,535	50	48
SCD.52.12	2,363	21	3,038	1,771	3,037	2,816	1,439	732	3,711	49	45
SCD.73.9	2,354	22	3,482	1,601	2,897	2,837	1,406	933	3,320	49	45
University of Idaho Industrial Rapeseed											
Gem	2,184	30	2,698	1,762	2,971	2,807	1,138	875	3,037	48	42
Industrious (07.SI.8.A10)	2,303	26	2,390	1,968	3,265	2,897	1,389	1,120	3,095	46	40
Cataldo (IR.1.5.4.5)	2,072	33	2,326	1,547	2,654	2,714	1,264	1,007	2,991	49	44
14.SC.94.16.RR	2,335	25	3,108	1,651	2,902	3,120	1,351	866	3,349	48	43
Mean	2,414		3,239	1,786	3,167	2,845	1,374	983	3,508	49	46
LSD ($\rho = 0.05$)	138		527	221	405	325	321	325	354	1	2
C.V. (%)	10.8		11.6	8.1	9.1	8.2	16.7	23.6	7.2	2.2	4.8
Planting Date			April 29	May 1	May 3	April 26	May 8	April 25	April 26		

Note: In the variety names, herbicide resistance is indicated as follows; CL = Clearfield, , IR = Imidazolinone/Group 2 herbicide resistance plus glyphosate resistance, LL = Liberty Link, RR = Roundup Ready, and TF = TruFlex Roundup resistance.