

Results of the University of Idaho 2020 PNW Spring Canola Trial, including mean seed yield (lbs. per acre) and yield rank of the two Moscow sites and the Genesee site, seed yield (lbs. per acre) and yield rank at individual sites, flower date (days after seeding), plant canopy height at maturity (inches), and pod shatter resistance score (1 to 9, 9 = no shatter losses and 1 = complete shattering). Flower date and plant canopy height were recorded at Moscow, Moscow South, and Genesee. Pod shatter was recorded at Craigmont, the only site where it occurred.

Variety*	Mean**	Rank	Yield by Site												Flower Date	Plant Height	Shatter Resistance
			Moscow, ID		Moscow-South		Genesee, ID		Craigmont, ID		Dayton, WA		Pendleton, OR				
			Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank			
----- lbs per acre -----															- days -	- inches -	- score -
Controls																	
Westar	2,846	25	2,491	25	2,898	25	3,149	24	1,459	23	2,625	20	470	16	58	51	6.5
Profit	2,781	26	2,400	26	2,703	27	3,241	23	1,256	27	2,651	19	378	21	57	53	5.8
Goldrush	2,009	28	1,651	28	1,758	28	2,618	28	1,921	14	1,049	27	42	25	49	49	9.0
BASF Corporation																	
InVigor L233P LL	3,850	5	3,337	9	3,759	9	4,455	3	2,375	4	2,942	10	-	-	57	56	8.8
InVigor L345PC LL	3,960	2	3,392	5	4,053	1	4,434	5	2,902	2	3,047	5	-	-	57	56	9.0
InVigor LR344PC LL-TF	3,821	9	3,473	4	3,749	11	4,240	9	-	-	-	-	-	-	58	56	9.0
Brett Young Seeds																	
BY 6204 TF	3,617	13	3,169	13	3,758	10	3,923	16	1,892	15	2,883	11	784	2	58	53	6.3
BY 5125 CL	3,501	15	2,755	22	3,749	11	4,000	13	1,431	24	2,676	17	516	10	57	55	5.5
CROPLAN by WinField United																	
CP930RR	3,826	7	3,233	11	3,874	7	4,370	6	2,418	3	3,252	2	504	11	55	52	8.0
CP955RR	3,659	12	3,339	8	3,700	13	3,937	14	2,356	6	3,355	1	567	8	56	51	8.8
CP9978TF	3,845	6	3,541	3	3,698	14	4,296	8	2,281	8	3,036	6	636	5	56	53	8.8
DEKALB - Bayer CropScience																	
DKTF91SC TF	3,879	4	3,544	2	3,949	3	4,145	12	2,365	5	2,767	16	575	7	55	53	8.8
Dyna-Gro Seed																	
DG 200 CL	3,722	11	2,977	17	3,852	8	4,337	7	1,463	22	2,817	14	614	6	59	57	6.0
DG 760TM TF	3,917	3	3,331	10	3,901	4	4,520	1	2,266	9	3,243	3	504	11	57	56	8.3
DG 761TM TF	3,612	14	3,008	16	3,891	5	3,937	14	1,544	20	2,842	13	530	9	58	59	6.5
Photosyntech																	
NCC101S	4,041	1	3,649	1	4,034	2	4,440	4	3,112	1	3,124	4	799	1	54	52	9.0
PSTSCI 226 CL	2,919	24	2,694	23	2,933	24	3,130	25	1,431	24	1,940	26	481	14	62	57	6.8
PSTSCJ 701	3,197	19	2,760	21	3,065	22	3,766	17	1,346	26	2,488	23	640	4	59	57	6.3
Star Specialty Seed																	
Star 402 RR	3,823	8	3,348	7	3,883	6	4,239	10	2,283	7	2,979	9	338	22	56	54	7.3
StarFlex TF	3,811	10	3,353	6	3,561	15	4,518	2	2,229	10	2,987	8	672	3	57	54	8.8
University of Idaho Canola																	
Empire	3,149	20	3,111	14	3,226	20	3,110	26	1,830	16	2,676	17	460	17	56	49	7.8
Monarch	2,769	27	2,231	27	2,997	23	3,078	27	1,631	19	2,470	24	471	15	57	50	7.5
SCD.23.4	3,329	18	3,078	15	3,363	16	3,545	19	1,748	17	2,999	7	492	13	57	54	7.0
SCD.52.12	3,420	16	2,770	20	3,306	18	4,185	11	1,709	18	2,857	12	282	23	56	54	7.3
14.SC.217.10	3,047	23	2,794	19	2,878	26	3,469	21	2,166	11	2,514	22	455	18	57	52	7.8
15.SC.99.5	3,346	17	3,188	12	3,348	17	3,503	20	1,955	12	2,793	15	394	19	56	53	7.5
University of Idaho Industrial Rapeseed																	
Gem	3,081	22	2,868	18	3,127	21	3,248	22	1,519	21	2,563	21	388	20	56	50	7.3
Industrious	3,098	21	2,495	24	3,248	19	3,550	18	1,939	13	2,409	25	222	24	54	49	7.5
Average	3,424		2,999		3,438		3,835		1,957		2,740		489		57	53	7.6
LSD (p = 0.05)	222		437		310		407		342		304		182		0.3	2	0.8
C.V. (%)	8.1		10.3		6.4		7.5		12.4		8.0		26.7		0.7	4.6	7.5
Seeding Date			April 27		April 28		April 28		April 16		April 16		March 20				

* **Herbicide Resistance Key:** CL = Cleafield, LL = LibertyLink, RR = Roundup Ready, TF = TruFlex Roundup Ready

** **Mean yield includes the Moscow, Moscow-South, and Genesee sites only.**