

2021 Liberty Link Canola Variety Trial at Minot

Company	Variety	Days to Bloom	Bloom Duration	Days to Maturity	Plant Height	Oil Content	2020 Yield	2021 Yield
		DAP*	Days	DAP*	inches	%	lbs/A	lbs/A
Pioneer	P506ML	47	22	78	33	38.2	--	691
Pioneer	P505MSL	47	23	80	37	35.9	--	695
CROPLAN	CP7130LL	48	22	80	32	37.6	--	528
CROPLAN	CP7144LL	46	23	80	33	37.9	--	732
Canterra	CS4000 LL	47	25	81	34	37.4	2838	434
DEKALB	DKTFLL21SC	44	23	77	29	38.7	2304	620
DEKALB	DKLL82SC	43	24	77	28	38.6	1838	773
InVigor	L343PC	44	24	79	36	37.7	--	834
InVigor	LR344PC	44	23	79	34	39.4	--	1018
InVigor	L345PC	46	25	81	34	36.8	1911	851
InVigor	L340PC	45	24	80	34	36.9	--	690
InVigor	L255PC	48	20	80	33	38.9	1538	840
InVigor	L234PC	46	22	79	33	37.2	2109	661
InVigor	L233P	45	23	78	32	37.3	2172	633
Trial Mean		46	23	79	33	37.7	2061	697
C.V.%		3.9	7.8	1.4	10.0	2.8	4.6	35.6
LSD 0.05		NS	NS	2	5	1.8	162	415
LSD 0.1		3	3	2	4	1.5	134	345

*DAP = Days after planting.

NS = no statistical difference between varieties.

Trial was planted on May 11 with a seeding rate of 435,600 PLS/A and harvested on August 13.

Previous Crop: 2019 = soybean, 2020 = hrsw

Soil Type: Williams Loam

Tillage: No-till

Oil content and seed yields are adjusted to 8.5% moisture.

Note: The 2021 trial sustained extreme heat and moisture stress. Data from this trial may be unreliable and should be viewed with caution.