

2021 Canola Variety Trial
Northern Resources -West Plant-Roseau,Mn

Company	Entry	Herbicide tolerance*	Maturity	#/acre ¹	Protein ²	Oil ²	Test wt./bu.	% Ground		ESV-21DAP ³	Begin Bloom Date	End Bloom Date	Days of bloom	Harvest Height (in)
								Cover-21DAP	Oil					
1 Winfield United	CP9978TF	TF	L	2329	22.3	44.6	52.6	63	6.0	23-Jun	11-Jul	18	49	
2 Star Specialty Seed	StarFlex	RR	M	1978	22.1	45.5	52.6	60	5.5	23-Jun	12-Jul	19	48	
3 Pioneer	45CM39	RR	M/L	1667	21.8	46.1	51.3	48	4.5	23-Jun	12-Jul	19	48	
4 Nuseed	NC155 TF	RR	E	2139	22.8	43.5	53.0	78	7.5	21-Jun	11-Jul	20	48	
5 Nuseed	NC471 TF	RR	L	1806	22.2	44.7	52.9	70	7.0	23-Jun	10-Jul	17	52	
6 Nuseed	NC527CR	RR	L	1911	22.2	44.0	51.3	55	5.5	24-Jun	12-Jul	18	48	
7 BrettYoung	BY 6211TF	TF	M	2137	22.6	44.5	52.7	63	5.5	23-Jun	11-Jul	18	50	
8 Meridian Seeds	CSEXP21-1	TF	M	1909	21.4	45.8	52.7	50	5.5	21-Jun	9-Jul	18	45	
9 Wilbur Ellis	Integra 7361RC	RR	M	2115	22.4	44.5	52.2	45	4.5	24-Jun	11-Jul	17	45	
10 Meridian Seeds	CS4000 LL	LL	M	1518	22.4	43.5	53.1	61	6.0	24-Jun	12-Jul	18	48	
11 BASF	InVigor L233P	LL	E	1819	21.7	42.9	52.7	73	6.5	26-Jun	11-Jul	15	47	
12 BASF	InVigor L255PC	LL	L	1619	20.7	45.6	52.8	63	6.0	26-Jun	13-Jul	17	52	
13 BASF	InVigor L345PC	LL	L	1947	20.8	43.3	52.9	73	7.0	26-Jun	13-Jul	17	55	
14 BASF	InVigor L340PC	LL	E	1613	21.8	42.6	52.2	70	7.0	25-Jun	11-Jul	16	49	
15 Winfield United	CP7130LL	LL	L	1781	21.5	43.6	52.0	78	7.5	24-Jun	10-Jul	16	52	
16 Winfield United	CP7144LL	LL	L	1783	23.3	44.4	52.0	60	6.0	24-Jun	10-Jul	16	49	
17 Dekalb	DKTFL21SC	LL/TF	M	1866	21.4	46.6	52.3	65	6.0	22-Jun	8-Jul	16	44	
18 Dekalb	H19W94354	LL	M	1576	21.8	45.6	52.1	50	5.5	23-Jun	9-Jul	16	42	
19 Dekalb	DKLL82SC	LL	E/M	1640	22.4	45.4	52.5	55	6.0	24-Jun	11-Jul	17	44	
20 Pioneer	P506ML	LL	M/L	1446	21.9	43.9	51.7	53	5.0	24-Jun	12-Jul	18	53	
21 Pioneer	P505MSL	LL	M/L	1735	21.8	42.9	51.7	58	6.5	24-Jun	11-Jul	17	55	
				LSD @ 5% level	251	0.7	0.7	0.3	20	2.0	1	1	2	4
				LSD @ 10% level	209	0.6	0.6	0.2	16	1.7	1	1	2	3
				CV(%)	9.7	2	1	0.3	23	23	3	9	4	6

Seeding rate=12PLS/Ft.²

Experimental Design: RCB w/4reps Planting Date- 5/12/2021

*Herbicide Tolerance--LL=Liberty Link, RR=Roundup Ready, and TF=TruFlex=Next level Roundup Ready

Trial was blocked by herbicide tolerance - 1-9 Roundup and 10-21 Liberty Link in each rep.

¹Clean Seed Yields corrected to 8.5% moisture.

Trial Mean yield =1825#/acre

² Parameters reported on dry matter basis. All others on as is basis.

Lodging - None noted in 2021

³ ESV(early season vigor) 9= best;1=least

Fertilizer application- 140-30-30-20s applied PPI 5/7/21