

2020 RR, GT, Extend and Enlist Soybean Variety Trial at Minot

Company/Brand	Variety	Herbicide System	Maturity Group	IDC Rating	Maturity Date	Plant Height	Test Weight	Yield -----				
								2018	2019	2020	2 yr	3 yr
								----- bushels / acre -----				
Integra	40129N	Enlist E3	0.1	2.1	10	23	57.3	--	--	29.0	--	--
Integra	20215	RR2	0.2	2.5	5	25	56.8	43.8	51.2	28.5	39.8	41.2
Integra	40201N	Enlist E3	0.2	2.9	13	23	57.8	--	--	34.4	--	--
Integra	50309N	Xtend	0.3	1.8	7	27	58.0	28.2	48.6	33.1	40.9	36.6
Integra	40300N	Enlist E3	0.3	2.3	7	25	57.2	--	--	30.0	--	--
LG Seeds	LGS00899RX	Xtend	00.8	2.7	3	26	57.8	--	47.9	32.1	40.0	--
LG Seeds	LGS0111RX	Xtend	0.1	2.3	7	29	57.3	43.1	52.8	35.1	43.9	43.7
LG Seeds	LGS0355RX	Xtend	0.3	2.1	8	28	57.2	--	--	34.9	--	--
LG Seeds	LGS0400RX	Xtend	0.4	2.5	11	30	57.0	--	--	37.3	--	--
Peterson Farms Seed	21X007	Xtend	00.7	3.0	1	25	57.3	--	--	28.1	--	--
Peterson Farms Seed	19EN008	Enlist E3	00.8	2.1	6	25	58.1	--	54.7	33.8	44.2	--
Peterson Farms Seed	19X03N	Xtend	0.3	2.1	9	28	58.1	--	--	37.4	--	--
P3 Genetics	2002E	Enlist E3	0.2	2.5	9	22	57.4	--	47.4	28.3	37.9	--
NK Seeds	S006-R7X	Xtend	00.6	2.8	8/31	22	57.5	--	--	33.5	--	--
NK Seeds	S01-C4X	Xtend	0.1	2.3	7	28	58.7	--	--	36.3	--	--
NK Seeds	S02-F9X	Xtend	0.2	3.1	5	24	57.9	--	--	36.4	--	--
NK Seeds	S03-S6X	Xtend	0.3	2.6	9	30	57.9	--	--	39.1	--	--
NK Seeds	S05-N5X	Xtend	0.5	2.8	13	28	58.0	--	--	37.5	--	--
NK Seeds	S04-Q7X	Xtend	0.4	2.0	13	25	57.8	--	--	32.6	--	--
Golden Harvest	GH00629X	Xtend	00.6	2.2	8/30	22	57.5	--	--	34.5	--	--
Golden Harvest	GH00833E3	Enlist E3	00.8	2.2	6	24	57.3	--	--	34.2	--	--
Golden Harvest	GH0443X	Xtend	0.4	1.9	12	25	58.5	--	--	35.1	--	--
Dairyland Seed	EXP E8-201E	Enlist E3	00.8	2.2	5	26	58.0	--	--	35.6	--	--
Dairyland Seed	EXP E9-201E	Enlist E3	00.9	1.6	7	26	58.0	--	--	32.6	--	--
Dairyland Seed	DSR-0119E	Enlist E3	0.1	2.6	7	22	57.7	--	--	39.7	--	--
Proseed	XT70-09	Xtend	00.9	2.6	6	29	58.1	--	--	36.2	--	--
Proseed	EL80-093	Enlist E3	00.9	2.1	6	26	58.5	--	57.0	35.5	46.2	--
Proseed	XT20-07	Xtend	00.7	2.4	8/31	26	57.7	--	--	32.1	--	--
Dyna-Gro	S009XT68	Xtend	00.9	2.2	7	29	57.7	32.8	50.3	36.9	43.6	40.0
Dyna-Gro	S02EN71	Enlist E3	0.2	3.0	12	22	57.8	--	--	34.2	--	--
Dyna-Gro	S03XT29	Xtend	0.3	1.9	10	29	58.0	30.6	52.9	37.0	44.9	40.2
Legacy Seeds	LS-00639N RR2X	Xtend	00.6	2.4	2	27	57.9	--	43.2	32.1	37.6	--
Legacy Seeds	LS-00930 RR2X	Xtend	00.9	2.5	8	23	57.5	--	46.9	34.1	40.5	--
Legacy Seeds	LS 012-20	Enlist E3	0.1	2.6	10	26	57.5	--	--	31.2	--	--
Legacy Seeds	LS-0239N RR2X	Xtend	0.2	2.0	7	26	58.2	--	48.2	32.0	40.1	--
Legacy Seeds	LS-0319 LLGT27	LL, GT	0.3	2.5	12	27	57.8	--	--	35.1	--	--
Thunder Seed	SB81006	Xtend	00.6	2.7	2	27	57.4	--	--	32.4	--	--
Thunder Seed	TE71008N	Enlist E3	00.8	2.1	5	24	57.9	--	--	35.6	--	--
Thunder Seed	SB8001	Xtend	0.1	2.5	7	25	57.9	--	--	33.9	--	--
Thunder Seed	TE7101N	Enlist E3	0.1	3.1	11	21	57.4	--	--	30.8	--	--
NDSU	ND17009GT	GT	00.9	3.1	7	29	59.1	36.1	49.6	27.1	38.4	37.6
Norcan Seed	NOR004	GT	00.4	--	8/30	23	56.7	29.3	41.1	25.4	33.3	31.9
Norcan Seed	NOR005	GT	00.5	--	8/29	23	57.2	33.1	44.2	25.1	34.7	34.1
Norcan Seed	NOR04	GT	0.4	--	6	22	57.7	--	38.2	23.3	30.7	--
Trial Mean				2.4	6	26	57.7	30.5	48.1	33.2	--	--
C.V.%				14.7	0.2	9.5	1.1	12.1	7.0	8.1	--	--
LSD 5%				0.2	3	4	1.0	5.9	5.5	4.4	--	--
LSD 10%				0.2	3	3	0.8	5.0	4.6	3.6	--	--

^a IDC rating = Iron deficiency chlorosis rating: 1 - green, 3 - yellow, 5 - dead

Planting Date: May 22

Planting Rate: 150,000 PLS/A

Row Spacing: solid seeded (7")

Previous Crop: 2017 = corn, 2018 = wheat, 2019 = soy

Harvest Date: October 1

Soil Type: Williams Loam

Tillage: Minimum Till

Note: Light frost on September 9.