

**NDSU Langdon Research Extension Center
2021 Variety Trial**

Soybean -RR2X, RR2XF, Enlist E3, GT **Pekin - Nelson County (Page 1-2)**

Brand	Variety	Herb. Trait	Maturity Group ¹	Maturity date ²	Plant Height in	Protein %	Oil %	Yield		
								2021	2-yr Avg.	2-site Avg. ³
Dahlman	6004XN	RR2X	0.4	9/15	25	33.6	17.0	57.6	58.8	45.2
Dahlman	7203XF	RR2XF	0.3	9/9	28	35.4	16.3	54.8	--	42.7
Dyna-Gro	S02EN71	Enlist E3	0.2	9/15	20	33.5	16.5	49.5	54.1	37.0
Dyna-Gro	S04XF32	RR2XF	0.4	9/16	31	33.7	16.3	53.8	--	44.3
Dyna-Gro	S04XT91	RR2X	0.4	9/12	24	32.7	17.4	55.0	59.2	44.2
Golden H.	GH0272XF	RR2XF	0.2	9/9	24	34.4	16.7	44.2	--	37.2
Golden H.	GH0325E3	Enlist E3	0.3	9/11	21	32.7	16.5	45.3	51.9	38.3
Golden H.	GH0452E3	Enlist E3	0.4	9/13	25	35.2	16.3	54.0	--	40.1
Innvictis	A0338X	RR2X	0.3	9/14	26	32.7	16.1	54.7	--	43.5
Innvictis	B0330E	Enlist E3	0.3	9/14	18	34.3	16.4	49.3	--	37.7
Integra	40201N	Enlist E3	0.2	9/16	17	33.3	16.8	53.8	55.4	41.3
Integra	40300N	Enlist E3	0.3	9/10	23	32.4	16.9	52.7	--	40.3
Integra	50309N	RR2X	0.3	9/13	26	32.5	16.2	57.0	56.9	43.6
Legacy	LS-00930 RR2X	RR2X	00.9	9/6	21	34.4	17.1	47.4	--	35.0
Legacy	LS012-21E	Enlist E3	0.1	9/15	23	33.4	17.1	55.0	--	46.1
Legacy	LS-0239N RR2X	RR2X	0.2	9/14	25	33.7	16.0	55.6	55.9	39.4
Legacy	LS-0320E	Enlist E3	0.4	9/10	20	32.4	16.9	46.7	52.3	38.2
Legacy	LS042-21E	Enlist E3	0.4	9/12	23	31.6	17.0	53.0	--	40.9
Legacy	LS-0429	Enlist E3	0.4	9/14	26	34.6	17.0	49.7	52.9	38.2
LG Seeds	LGS00663RX	RR2X	00.6	9/5	23	34.2	16.5	43.7	50.6	34.1
LG Seeds	LGS00838XF	RR2XF	00.8	9/6	26	33.4	16.9	45.7	--	34.5
LG Seeds	LGS0111RX	RR2X	0.1	9/9	29	34.7	16.5	55.5	56.2	41.8
LG Seeds	LGS0355RX	RR2X	0.3	9/12	23	33.6	16.0	54.0	55.4	41.8
LG Seeds	LGS0400RX	RR2X	0.4	9/12	28	32.7	16.9	61.6	62.3	47.5
NDSU	21ND008GT20	GT	00.8	9/4	20	33.0	17.3	38.6	--	28.5
NDSU	ND17009GT	GT	00.9	9/7	22	35.5	17.4	45.2	48.8	34.4
Peterson	22XF03	RR2XF	0.3	9/12	29	34.9	16.5	52.7	--	40.9
REA	R0112XF	RR2XF	0.1	9/8	31	33.7	16.8	53.1	--	40.8
REA	RX00912	RR2X	00.9	9/4	23	33.9	16.6	39.4	--	32.1
REA	RX0411	RR2X	0.4	9/12	31	33.5	16.4	53.2	56.1	43.0

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Brand	Variety	Herb. Trait	Maturity Group ¹	Maturity date ²	Plant Height in	Protein %	Oil %	Yield		
								2021	2-yr Avg.	2-site Avg. ³
Stine	002EE06	Enlist E3	00.6	9/3	16	33.0	16.5	29.4	--	18.2
Stine	01EA63	Enlist E3	0.0	9/7	21	33.2	16.7	46.0	51.4	35.5
Stine	01EE03	Enlist E3	0.1	9/12	24	33.6	16.9	53.0	--	40.6
Stine	03EB02	Enlist E3	0.2	9/9	23	32.3	16.6	53.6	--	40.4
Syng NK	NK009-T1XF	RR2XF	00.9	9/6	25	33.0	16.9	51.3	--	38.2
Syng NK	S01-C4X	RR2X	0.1	9/6	27	32.9	16.7	50.0	54.3	38.5
Syng NK	S04-Q7X	RR2X	0.4	9/13	23	35.1	15.7	55.4	57.9	43.5
Thunder	SB8001	RR2X	0.1	9/8	20	34.2	17.0	49.2	53.8	36.9
Thunder	SB8104N	RR2X	0.4	9/12	23	33.2	16.7	55.7	59.6	43.0
Thunder	SB87009	RR2X	00.9	9/8	23	35.0	15.7	48.2	--	36.7
Thunder	SB8903N	RR2X	0.3	9/13	27	32.7	16.2	57.5	57.3	44.5
Thunder	TX82008N	RR2XF	00.8	9/8	22	34.6	16.8	46.6	--	35.1
Trial Mean				9/10	24	33.6	16.6	50.7	--	--
C.V. %				1.1	7.9	1.8	1.9	6.2	--	--
LSD 5%				1.2	1.7	1.2	0.6	2.7	--	--
LSD 10%				1.0	1.4	1.0	0.5	2.3	--	--

¹Maturity Group provided by company

²Date of physiological maturity at R7 stage (one brown pod on the main stem obtains mature brown or tan color).

³A 2-site average of our southern region, Walsh County (Park River) and Nelson County (Pekin).

Yield, oil and protein reported at 13% moisture.

Planting Date: May 18

Harvest Date: October 5

Previous Crop: Wheat

Soil Type: Barnes loam