

**NDSU Langdon Research Extension Center
2022 Variety Trial**

Soybean - RR2X, RR2XF, Enlist and GT - 2022 **Pekin - Nelson County (Page 1-2)**

Brand	Variety	Herb. Trait	Maturity Group ¹	Maturity date ²	Plant Height in	Lodging 0-9	Protein %	Oil %	Yield		
									2022	2-yr Avg.	2-site Avg. ³
Dahlman	7203XF	RR2XF	0.3	9/18	33.8	0.7	34.0	16.4	53.5	54.2	66.5
Dahlman	7304XF	RR2XF	0.4	9/24	27.2	0.4	34.6	16.5	59.9	--	70.7
Dyna-Gro	S01XF43	RR2XF	0.1	9/17	26.2	0.7	34.9	15.6	51.4	--	64.1
Dyna-Gro	S02EN71	Enlist E3	0.2	9/22	21.7	0.3	34.7	15.9	55.3	52.4	67.9
Dyna-Gro	S04XT91	RR2X	0.4	9/23	26.8	0.0	33.7	16.8	61.0	58.0	73.1
Golden H.	GH0213E3	Enlist E3	0.2	9/22	25.7	0.0	35.0	15.8	54.2	--	68.5
Golden H.	GH0272XF	RR2XF	0.2	9/18	25.3	0.1	33.5	16.7	48.6	46.4	62.8
Golden H.	GH0363E3	Enlist E3	0.3	9/20	24.7	0.4	35.3	15.9	58.0	--	71.9
Integra	40511	Enlist E3	0.4	9/25	26.6	0.2	34.7	16.0	49.1	--	62.6
Integra	70212	RR2XF	0.2	9/17	36.0	1.5	34.5	16.3	54.2	--	67.6
Integra	40089N	Enlist E3	00.8	9/18	24.2	0.2	33.9	16.3	44.6	--	--
Integra	40113N	Enlist E3	0.1	9/18	21.8	0.1	35.0	16.2	48.3	--	63.4
Integra	70082N	RR2XF	00.9	9/18	25.0	0.1	34.8	15.7	41.2	--	54.4
Legacy	LS012-21E	Enlist E3	0.1	9/20	28.7	1.3	33.9	16.6	47.9	51.5	60.8
Legacy	LS014-22 XF	RR2XF	0.1	9/17	30.7	1.0	34.3	16.4	54.3	--	67.7
Legacy	LS-0239 RR2X	RR2X	0.2	9/19	28.0	0.3	33.6	15.5	56.3	56.0	69.7
Legacy	LS-0320 E3	Enlist E3	0.3	9/19	24.6	0.3	34.0	15.8	52.0	49.4	64.8
Legacy	LS032-22 E	Enlist E3	0.3	9/22	26.3	1.2	33.8	16.7	52.1	--	64.7
Legacy	LS044-21 XF	RR2XF	0.4	9/25	37.2	1.4	33.4	15.9	58.0	--	69.6
LG Seeds	LGS0111RX	RR2X	0.1	9/19	29.5	1.2	34.9	16.1	53.2	54.4	65.0
LG Seeds	LGS0338E3	Enlist E3	0.3	9/19	24.6	0.5	34.2	15.9	57.8	--	--
LG Seeds	LGS0400RX	RR2X	0.4	9/23	28.1	0.5	33.3	16.2	54.5	58.1	67.5
NDSU	ND17009GT	GT	00.9	9/14	28.3	0.7	36.4	16.5	45.3	45.3	57.5
NDSU	ND21008GT20	GT	00.8	9/14	27.0	0.7	34.0	16.4	47.2	42.9	60.0
NK Seeds	NK009-G7E3	Enlist E3	00.9	9/16	23.5	0.6	35.5	16.0	57.6	--	70.3
NK Seeds	NK009-T1XF	RR2XF	00.9	9/16	27.6	0.7	34.1	16.3	53.7	52.5	66.8
NK Seeds	NK02-M4XF	RR2XF	0.2	9/17	27.8	0.2	33.5	16.5	49.9	--	64.3
NK Seeds	NK02-T4E3	Enlist E3	0.2	9/21	24.6	0.0	34.7	16.0	54.4	--	66.1
NK Seeds	NK03-V5E3	Enlist E3	0.3	9/20	24.4	0.4	35.2	15.6	58.6	--	69.1
NK Seeds	NK05-W3XF	RR2XF	0.5	9/25	30.1	0.8	34.5	15.6	61.2	--	--

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Brand	Variety	Herb. Trait	Maturity Group ¹	Maturity date ²	Plant Height in	Lodging 0-9	Protein %	Oil %	Yield		
									2022	2-yr Avg.	2-site Avg. ³
Proseed	EL30-13	Enlist E3	0.1	9/21	25.1	0.4	33.9	16.6	52.3	--	63.1
Proseed	XF30-062	RR2XF	00.6	9/16	23.5	0.4	32.4	16.9	43.5	--	57.0
Proseed	XF30-082	RR2XF	00.8	9/16	25.0	0.0	33.9	15.9	50.3	--	62.9
Proseed	XF30-092N	RR2XF	00.9	9/16	27.5	0.5	33.2	16.7	60.2	--	75.0
Proseed	XF30-12	RR2XF	0.1	9/15	26.4	0.9	34.3	15.7	54.7	--	65.0
Proseed	XT80-20	RR2X	0.2	9/20	24.4	1.5	33.3	15.9	45.5	--	62.3
REA	R0112XF	RR2XF	0.1	9/17	32.7	1.8	34.5	16.0	55.5	54.3	66.9
REA	R0422XF	RR2XF	0.4	9/24	29.5	0.1	34.5	16.1	60.3	--	71.3
REA	RX00912	RR2X	00.9	9/16	26.5	0.2	32.9	16.5	46.2	42.8	60.8
Stine	008EE02	Enlist E3	00.8	9/19	20.0	0.2	33.8	17.3	42.5	--	52.8
Stine	03EB02	Enlist E3	0.3	9/20	26.1	0.9	34.2	16.1	55.9	54.8	--
Stine	04EE06	Enlist E3	0.4	9/24	26.2	0.2	34.8	16.4	55.2	--	--
Xitavo	XO 0101E	Enlist E3	0.1	9/18	25.7	0.2	35.6	15.7	49.8	--	62.4
Xitavo	XO 0213E	Enlist E3	0.2	9/24	24.8	1.2	34.1	16.4	49.0	--	58.4
Trial Mean				9/19	26.8	0.6	34.3	16.2	52.6	--	--
C.V. %				1.6	7.5	114.9	1.2	1.6	8.0	--	--
LSD 5%				2.5	2.8	0.9	0.8	0.5	5.9	--	--
LSD 10%				2.1	2.3	0.7	0.6	0.4	4.9	--	--

Planting Date: June 2

Harvest Date: October 17

Previous Crop: Wheat

Soil Type: Lankin loam

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).