

NDSU Langdon Research Extension Center
2022 Variety Trial

Soybean - RR2X, RR2XF, Enlist and GT - 2022

Park River - Walsh County (Page 1-2)

Brand	Variety	Herb. Trait	Maturity Group1	Plant Maturity date2	Plant Height in	Lodging 0-9	Protein %	Oil %	Yield		
									2022	2-yr Avg.	2-site Avg.3
Dahlman	7203XF	RR2XF	0.3	9/18	43.7	1.5	36.2	15.6	79.5	55.1	66.5
Dahlman	7304XF	RR2XF	0.4	9/23	35.4	0.0	37.3	15.0	81.5	--	70.7
Dyna-Gro	S01XF43	RR2XF	0.1	9/10	35.8	0.3	35.7	15.6	76.7	--	64.1
Dyna-Gro	S02EN71	Enlist E3	0.2	9/16	31.4	0.0	34.9	15.9	80.4	52.5	67.9
Dyna-Gro	S04XT91	RR2X	0.4	9/20	35.9	0.0	35.4	15.8	85.2	59.3	73.1
Golden H.	GH0213E3	Enlist E3	0.2	9/18	33.5	0.0	36.4	15.5	82.8	--	68.5
Golden H.	GH0272XF	RR2XF	0.2	9/13	35.1	0.3	35.0	15.9	76.9	53.5	62.8
Golden H.	GH0363E3	Enlist E3	0.3	9/20	35.0	2.5	36.5	15.3	85.8	--	71.9
Integra	40511	Enlist E3	0.4	9/23	38.2	0.8	36.5	15.8	76.0	--	62.6
Integra	70212	RR2XF	0.2	9/18	44.6	0.7	35.6	15.9	81.0	--	67.6
Integra	40113N	Enlist E3	0.1	9/12	33.6	0.5	35.1	16.0	78.5	--	63.4
Integra	70082N	RR2XF	00.9	9/11	34.1	0.5	35.4	15.7	67.5	--	54.4
Legacy	LS012-21E	Enlist E3	0.1	9/21	34.8	1.0	35.0	16.5	73.6	55.4	60.8
Legacy	LS014-22 XF	RR2XF	0.1	9/16	44.2	1.2	36.3	15.7	81.1	--	67.7
Legacy	LS-0239 RR2X	RR2X	0.2	9/19	35.6	2.5	35.1	15.4	83.1	53.2	69.7
Legacy	LS-0320 E3	Enlist E3	0.3	9/16	35.4	0.0	35.4	15.7	77.6	53.7	64.8
Legacy	LS032-22 E	Enlist E3	0.3	9/21	37.0	2.0	35.2	16.3	77.2	--	64.7
Legacy	LS044-21 XF	RR2XF	0.4	9/25	46.1	2.3	35.0	15.5	81.1	--	69.6
LG Seeds	LGS0111RX	RR2X	0.1	9/21	41.3	0.5	35.7	15.8	76.7	52.4	65.0
LG Seeds	LGS0400RX	RR2X	0.4	9/23	39.7	0.3	33.9	16.0	80.5	56.9	67.5
NDSU	ND17009GT	GT	00.9	9/13	40.4	1.3	36.7	16.3	69.6	46.6	57.5
NDSU	ND21008GT20	GT	00.8	9/10	36.7	4.0	34.7	16.3	72.7	45.6	60.0
NK Seeds	NK009-G7E3	Enlist E3	00.9	9/13	32.2	0.0	36.5	15.6	83.0	--	70.3
NK Seeds	NK009-T1XF	RR2XF	00.9	9/9	34.9	0.0	35.2	15.9	79.9	52.5	66.8
NK Seeds	NK02-M4XF	RR2XF	0.2	9/14	37.9	0.8	34.7	15.9	78.6	--	64.3
NK Seeds	NK02-T4E3	Enlist E3	0.2	9/17	33.7	0.0	35.8	16.0	77.8	--	66.1
NK Seeds	NK03-V5E3	Enlist E3	0.3	9/19	35.9	1.8	37.0	15.2	79.5	--	69.1
Pioneer	P009T18E	Enlist E3	00.9	9/12	32.0	1.0	34.1	16.6	63.7	--	--
Pioneer	P03A17X	RR2X	0.2	9/16	34.3	0.0	34.5	16.8	70.5	50.1	--
Pioneer	P03A26X	RR2X	0.3	9/22	39.3	1.5	34.8	15.8	82.2	55.4	--
Pioneer	P03T87E	Enlist E3	0.3	9/18	30.3	0.0	35.4	15.9	77.8	53.0	--
Pioneer	P04A98E	Enlist E3	0.4	9/21	32.9	0.0	35.3	15.6	76.2	--	--

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									2022	2-yr Avg.	2-site Avg.3
Proseed	EL30-13	Enlist E3	0.1	9/22	37.5	2.0	35.2	16.3	73.9	--	63.1
Proseed	XF30-062	RR2XF	00.6	9/8	34.3	1.8	32.7	16.9	70.5	--	57.0
Proseed	XF30-082	RR2XF	00.8	9/9	32.3	0.0	34.6	15.8	75.5	--	62.9
Proseed	XF30-092N	RR2XF	00.9	9/14	37.4	2.5	34.0	16.4	89.8	--	75.0
Proseed	XF30-12	RR2XF	0.1	9/9	34.8	0.0	35.2	15.6	75.2	--	65.0
Proseed	XT80-20	RR2X	0.2	9/20	35.8	2.8	34.7	15.5	79.0	54.4	62.3
REA	R0112XF	RR2XF	0.1	9/17	44.0	0.7	35.9	15.9	78.2	53.3	66.9
REA	R0422XF	RR2XF	0.4	9/23	37.5	0.0	37.0	15.3	82.2	--	71.3
REA	RX00912	RR2X	00.9	9/13	36.1	0.5	33.6	16.3	75.4	50.1	60.8
Stine	002EE06	Enlist E3	00.2	9/6	32.2	0.0	35.7	15.5	51.1	29.1	--
Stine	008EE02	Enlist E3	00.8	9/21	30.8	0.0	35.0	16.8	63.0	--	52.8
Xitavo	XO 0101E	Enlist E3	0.1	9/15	33.9	0.2	35.8	15.6	75.0	--	62.4
Xitavo	XO 0213E	Enlist E3	0.2	9/20	35.8	1.3	35.5	16.2	67.8	--	58.4
Trial Mean				9/17	36.3	0.9	1.1	1.4	76.7	--	--
C.V. %				1.8	5.4	82.6	35.4	15.9	5.9	--	--
LSD 5%				2.9	2.8	1.0	0.8	0.5	6.3	--	--
LSD 10%				2.4	2.3	0.8	0.6	0.4	5.2	--	--

Planting Date: May 25

Harvest Date: October 13

Previous Crop: Wheat

Soil Type: Glyndon silt 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).