

NDSU Langdon Research Extension Center
2022 Variety Trial

Soybean - RR2X, RR2XF, Enlist and GT - 2022

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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
Dahlman	AE0300	Enlist E3	0.1	9/22	36	3.0	34.9	15.0	70.1	67.3	63.8
Dahlman	7301XF	RR2XF	0.1	9/22	45	2.4	35.7	14.9	67.7	--	67.8
Dairyland	DSR-0220E	Enlist E3	0.2	9/25	33	1.7	34.7	15.4	65.7	--	--
DaK-Sota	DE5301	Enlist E3	0.1	9/27	35	4.9	35.1	15.5	64.3	--	64.0
Dyna-Gro	S006XF83	RR2XF	00.6	9/12	32	1.6	32.9	16.2	67.9	--	70.3
Dyna-Gro	S009XF33	RR2XF	00.9	9/17	30	0.5	34.3	15.2	62.3	--	66.2
Dyna-Gro	S01XF43	RR2XF	0.1	9/17	34	0.6	35.7	14.8	70.8	--	69.8
Dyna-Gro	S02EN71	Enlist E3	0.2	9/22	30	1.7	35.0	15.2	68.8	68.3	71.1
Golden H.	GH00973E3	Enlist E3	00.9	9/18	34	1.2	37.1	14.9	71.3	--	72.6
Golden H.	GH00982XF	RR2XF	00.9	9/17	32	0.9	34.3	15.6	69.2	66.2	69.8
Golden H.	GH0213E3	Enlist E3	0.2	9/24	33	1.7	36.0	14.8	70.3	--	71.3
Inn victis	A00821XF	RR2XF	00.8	9/19	34	2.8	34.7	15.3	60.4	--	58.0
Inn victis	A00979X	RR2X	00.9	9/20	32	2.4	35.8	15.4	60.8	63.7	60.7
Inn victis	B00730E	Enlist E3	00.7	9/18	34	3.8	33.7	16.2	60.8	--	62.7
Integra	40089N	Enlist E3	00.8	9/22	34	4.1	34.9	15.6	55.5	60.2	57.4
Integra	40113N	Enlist E3	0.1	9/19	31	2.5	36.0	15.0	70.6	--	67.6
Integra	70082N	RR2XF	00.9	9/18	34	2.2	35.1	15.1	65.2	--	60.2
Legacy	LS-00930 RR2X	RR2X	00.9	9/20	32	1.7	36.1	15.3	65.2	64.3	64.6
Legacy	LS012-21E	Enlist E3	0.1	9/24	37	3.9	34.5	16.0	64.9	65.9	65.0
Legacy	LS014-22 XF	RR2XF	0.1	9/22	44	3.2	35.6	15.1	68.1	--	69.5
Legacy	LS-0239 RR2X	RR2X	0.2	9/21	37	4.0	34.6	15.0	70.4	68.6	69.2
Legacy	LS-0320 E3	Enlist E3	0.2	9/24	35	2.1	34.9	15.1	70.3	--	72.2
Legacy	LS032-22 E	Enlist E3	0.3	9/27	36	3.7	34.4	15.5	68.6	--	65.3
LG Seeds	LGS00663RX	RR2X	00.6	9/15	33	0.8	34.4	15.3	68.6	65.2	69.6
LG Seeds	LGS00838XF	RR2XF	00.8	9/16	38	2.0	35.3	15.3	63.3	60.6	60.0
LG Seeds	LGS0111RX	RR2X	0.1	9/21	39	2.6	35.6	15.5	68.7	68.0	70.6
NDSU	ND17009GT	GT	00.9	9/16	36	3.2	36.0	16.2	62.2	59.2	62.7
NDSU	ND21008GT20	GT	00.8	9/16	37	3.7	34.8	15.7	64.7	62.1	61.7
NK Seeds	NK009-G7E3	Enlist E3	00.9	9/18	32	1.7	36.6	14.7	69.3	--	71.7
NK Seeds	NK009-T1XF	RR2XF	00.9	9/18	34	1.7	34.5	15.8	71.9	67.6	70.1
NK Seeds	NK02-M4XF	RR2XF	0.2	9/17	35	1.5	33.6	16.0	69.3	--	70.9
NK Seeds	NK02-T4E3	Enlist E3	0.2	9/20	31	1.9	35.6	14.9	66.0	--	71.8
Pioneer	P005A59E	Enlist E3	00.5	9/14	31	1.2	35.3	15.8	59.7	--	--
Pioneer	P005A83X	RR2X	00.5	9/12	34	2.8	34.1	15.9	61.0	59.0	--
Pioneer	P007A08X	RR2X	00.7	9/15	35	1.6	34.6	15.9	60.3	--	--
Pioneer	P009T18E	Enlist E3	00.9	9/19	34	3.1	33.5	16.2	53.8	58.3	54.0
Pioneer	P00A49X	RR2X	0.0	9/19	35	2.4	33.6	16.2	63.4	63.0	--
Pioneer	P01A84X	RR2X	0.1	9/20	34	2.2	33.7	16.1	60.1	60.6	--

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									2022	2-yr Avg	2-site Avg. ³
Proseed	EL30-13	Enlist E3	0.1	9/25	37	5.1	34.9	15.9	62.6	--	63.6
Proseed	XF30-062	RR2XF	00.6	9/12	33	1.5	32.7	16.1	64.6	--	67.7
Proseed	XF30-082	RR2XF	00.8	9/15	30	1.5	34.9	15.1	62.2	--	66.4
Proseed	XF30-092N	RR2XF	00.9	9/20	36	2.0	34.5	15.7	77.1	--	77.5
Proseed	XF30-12	RR2XF	0.1	9/17	34	1.4	35.3	15.3	68.5	--	70.3
Proseed	XT80-20	RR2X	0.2	9/25	38	5.2	35.1	14.7	66.2	65.9	67.5
REA	R0112XF	RR2XF	0.1	9/21	44	3.3	34.8	15.5	67.3	67.9	71.9
REA	RX00912	RR2X	00.9	9/17	37	1.0	33.4	16.1	67.8	63.6	66.4
Stine	002EE06	Enlist E3	00.2	9/9	33	1.7	35.6	15.3	47.9	47.7	48.4
Stine	008EE02	Enlist E3	00.8	9/22	31	2.2	34.0	16.5	56.2	--	56.0
Thunder	TB7101N	Enlist E3	0.1	9/24	29	1.5	34.5	15.3	63.6	--	69.1
Thunder	SB87009	RR2X	00.9	9/18	39	2.5	35.6	14.5	64.7	63.4	66.6
Thunder	TE7302N	Enlist E3	0.2	9/21	30	2.4	35.2	15.2	67.2	--	67.7
Thunder	TX82008N	RR2XF	00.8	9/20	35	2.4	35.7	15.2	59.4	61.3	59.9
Thunder	TX8301	RR2XF	0.1	9/16	31	0.3	34.7	15.2	62.9	--	66.8
Xitavo	XO 0101E	Enlist E3	0.1	9/21	35	3.0	35.8	15.2	62.5	--	63.0
Xitavo	XO 0213E	Enlist E3	0.2	9/25	36	4.2	35.0	15.5	60.8	--	60.8
Trial Mean				9/19	35	2.4	34.9	15.5	64.8	--	--
C.V. %				1.6	4.8	38.4	1.4	1.7	6.7	--	--
LSD 5%				2.6	2.3	1.3	1.0	0.5	6.1	--	--
LSD 10%				2.2	1.9	1.1	0.8	0.4	5.1	--	--

Planting Date: May 26

Harvest Date: October 10

Previous Crop: Wheat

Soil Type: Svea-Barnes 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 northern region, Cavalier County (Langdon) and Pembina County (Cavalier).