

NDSU Langdon Research Extension Center
2023 Variety Trial

Soybean - RR2XF, Enlist and GT - 2023

Pekin - Nelson County

Brand	Variety	Herb. Trait	Maturity Group ¹	Maturity date ²	Plant Height	Oil %	Protein %	Yield		
								2023	2-yr Avg.	2-site Avg. ³
Dahlman	7304XF	RR2XF	0.4	9/9	27	16.4	35.0	54.7	57.3	47.7
Dyna-Gro	S01XF43	RR2XF	0.1	8/31	25	15.9	34.8	51.9	51.7	45.1
Dyna-Gro	S03EN94	Enlist E3	0.3	9/10	24	16.5	34.3	49.2	--	44.4
Golden Harvest	GH0234E3	Enlist E3	0.2	9/7	27	15.7	35.6	52.2	--	46.2
Golden Harvest	GH0363E3	Enlist E3	0.3	9/6	24	15.9	35.3	55.2	56.6	49.4
Golden Harvest	GH0384XF	RR2XF	0.3	9/7	29	16.2	35.0	56.7	--	47.9
Integra	E0113	Enlist E3	0.1	9/5	27	16.1	35.6	57.0	52.6	46.2
Integra	XF0493	RR2XF	0.4	9/10	26	16.1	35.2	51.9	--	44.9
Integra	E0324	Enlist E3	0.3	9/11	23	16.3	34.2	46.9	--	41.3
Legacy	LS0098-23 XF	RR2XF	00.9	9/3	28	16.5	33.6	59.8	--	46.6
Legacy	LS012-23 E	Enlist E3	0.1	9/7	27	16.1	35.5	55.7	--	48.4
Legacy	LS014-23 XF	RR2XF	0.1	8/1	31	15.6	33.7	53.6	--	46.6
Legacy	LS024-23 XF	RR2XF	0.2	9/4	25	17.1	35.3	47.8	--	41.8
Legacy	LS032-23E	Enlist E3	0.3	9/9	24	16.7	34.3	52.8	--	46.4
Legacy	LS044-23 XF	RR2XF	0.4	9/9	28	16.7	34.6	55.1	--	47.5
LG Seeds	LGS0125XF	RR2XF	0.1	9/3	28	16.4	34.3	55.3	--	46.4
LG Seeds	LGS0139XF	RR2XF	0.1	9/1	30	15.9	33.3	54.3	--	46.0
LG Seeds	LGS0444XF	RR2XF	0.4	9/8	26	16.3	34.8	55.1	--	48.2
NDSU	ND17009GT	GT	00.9	8/28	25	16.9	36.3	45.4	45.3	40.4
NDSU	ND21008GT20	GT	00.8	8/26	28	16.3	35.0	44.4	45.8	40.6
NK Seeds	NK009-G7E3	Enlist E3	00.9	9/4	27	15.9	36.2	55.0	56.3	45.9
NK Seeds	NK009-T1XF	RR2XF	00.9	8/30	25	16.4	34.3	49.3	51.5	42.6
NK Seeds	NK02-H6E3	Enlist E3	0.2	9/6	24	15.1	36.1	54.9	--	47.8
NK Seeds	NK02-M4XF	RR2XF	0.2	8/31	26	16.7	33.6	58.3	54.1	--
NK Seeds	NK03-V5E3	Enlist E3	0.3	9/7	26	15.8	35.5	57.4	58.0	48.4
NK Seeds	NK04-A9E3	Enlist E3	0.4	9/10	27	16.2	34.6	60.5	--	52.6
Paloma	PL2E013	Enlist E3	0.1	8/8	26	15.8	34.4	55.8	--	47.9
Paloma	PL2E043	Enlist E3	0.4	9/7	26	15.9	35.7	52.9	--	45.3
Proseed	XF 30-42	RR2XF	0.4	9/9	27	16.3	34.8	53.0	--	46.4
Proseed	XF 30-52N	RR2XF	0.5	9/7	32	16.2	34.8	52.9	--	47.4
Proseed	XF 40-12	RR2XF	0.1	8/30	30	15.9	33.9	54.3	--	46.4
REA	R00934XF	RR2XF	00.9	8/30	27	15.9	33.2	54.9	--	45.3
REA	R0422XF	RR2XF	0.4	9/11	28	16.5	35.0	51.0	55.6	43.2
Xitavo	XO 0094E	Enlist E3	0.0	9/9	25	16.4	34.9	49.7	--	42.3
Xitavo	XO 0213E	Enlist E3	0.2	9/7	26	17.1	34.4	51.6	50.3	45.0
Xitavo	XO 0234E	Enlist E3	0.2	9/9	24	15.8	35.4	51.7	--	46.1
Trial Mean				9/5	27	16.2	34.8	53.3	--	--
C.V. %				1.5	8.6	1.2	1.2	7.8	--	--
LSD 5%				2.1	3.2	0.4	0.8	5.8	--	--
LSD 10%				1.8	2.7	0.3	0.7	4.9	--	--

Planting Date: May 26, Harvest Date: October 13, 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).