

2023 Soybean Variety Trial at Rugby

Company/Brand	Variety	Herbicide System	Maturity Group	Plant Height	Protein	Oil	Test Weight	Yield		2-yr avg
								2022	2023	
				inches	%	%	lbs/bu	bu/A		
REA Hybrids	R0422XF	RRXF	0.4	20	33.5	17.4	53.3	--	27.2	--
NK Seeds	NK009-G7E3	Enlist	0.1	19	34.1	16.7	54.0	47.6	24.2	35.9
NK Seeds	NK009-T1XF	XtendFlex	0.1	17	33.5	17.3	52.8	47.5	24.8	36.2
NK Seeds	NK02-H6E3	Enlist	0.2	17	34.2	16.7	54.4	--	26.5	--
Integra	E0113N	Enlist	0.1	16	34.1	16.4	53.3	--	19.3	--
Integra	E0324	Enlist	0.3	21	32.7	17.4	54.3	--	17.7	--
Integra	XF0212	XtendFlex	0.2	14	33.0	17.3	53.8	--	21.7	--
Integra	XF0493	XtendFlex	0.4	16	33.4	17.2	54.1	--	20.4	--
LG Seeds	LGS00719XF	XF	00.7	17	34.2	17.7	53.2	--	21.6	--
LG Seeds	LGS0125XF	XF	0.1	18	33.9	17.2	53.9	--	18.3	--
LG Seeds	LGS0139XF	XF	0.1	21	33.2	16.9	53.8	--	20.9	--
Legacy Seeds	LS0098-23 XF	XF	00.9	19	33.4	17.5	54.0	--	17.7	--
Legacy Seeds	LS012-23 E	E3	0.1	19	34.7	16.7	54.5	--	23.4	--
Legacy Seeds	LS014-23 XF	XF	0.4	20	33.3	16.9	53.3	--	15.2	--
Legacy Seeds	LS024-23 XF	XF	0.2	20	34.3	17.5	54.1	--	19.4	--
Legacy Seeds	LS032-23 E	E3	0.3	16	33.3	17.3	54.1	--	20.8	--
Legacy Seeds	LS044-23 XF	XF	0.4	18	33.0	17.4	54.2	--	19.2	--
Xitavo	XO 0094E	E3	0.0	16	34.0	17.0	54.9	--	23.0	--
Xitavo	XO 0213E	E3	0.2	16	33.1	17.5	53.8	49.4	22.8	36.1
Xitavo	XO 0234E	E3	0.2	16	34.4	16.8	54.5	--	22.3	--
Xitavo	XO 0311E	E3	0.3	17	33.2	16.8	53.4	49.8	24.3	37.0
Thunder Seeds	TX8301	XtendFlex	0.1	17	32.8	17.3	53.3	49.2	20.8	35.0
Thunder Seeds	TX8402N	XtendFlex	0.2	24	33.1	17.0	53.3	--	24.7	--
Thunder Seeds	TE7302N	XtendFlex	0.2	17	34.4	16.6	53.4	48.2	23.8	36.0
Proseed	XF 30-062N	RRXF	0.1	18	32.8	17.6	52.5	--	22.2	--
Proseed	XF 30-092N	RRXF	0.1	19	33.2	17.6	53.3	52.6	25.8	39.2
Proseed	XF 40-12N	RRXF	0.1	19	32.7	17.0	53.5	--	24.8	--
NK Seeds	NK008-P2XF	XtendFlex	0.1	18	34.0	17.4	53.1	--	26.4	--
NDSU	ND17009GT	GT	00.9	25	34.8	17.2	55.1	52.2	18.0	35.1
REA Hybrids	R00934XF	RRXF	0.1	19	32.8	17.3	53.5	--	26.9	--
Trial Mean	--	--	--	18	33.6	17.2	53.8	50.0	22.1	--
C.V.%	--	--	--	16.1	1.2	1.6	1.4	5.2	20.0	--
LSD 5%	--	--	--	5	0.8	0.4	1.2	4.2	7.2	--
LSD 10%	--	--	--	4	0.6	0.4	1.0	3.5	6.0	--

Planted on May 18 and harvested on October 11.

Previous crop: 2019 = barley, 2021 = HRSW, 2022 = soybean.

Note: The 2021 trial sustained extreme drought. Data not shown.