

**2022 NDSU Enlist, GT27, RR and Xtend Soybean, Southern Locations in North Dakota (1 of 2). Authors, C. Miranda and G. Kreutz.**

Company/ Brand		Mat. Group	Maturity <sup>1</sup> (date)	Height (in)	Seed Oil (%)	Seed Protein (%)	Seed Yield (bu/a)			
Variety							Lisbon	Milnor	2-site Avg.	2-yr. Avg.
Dahlman	7210XF	1.0	9/24	32	19.8	37.5	66.4	56.7	61.6	52.3
Dahlman	7213XF	1.3	9/24	33	20.5	36.2	68.3	48.7	58.5	53.4
Dahlman	AE1220	1.2	9/28	29	19.0	38.6	70.5	65.8	68.1	--
Dairyland	DSR-0645E	0.4	9/15	26	20.6	36.7	59.3	53.3	56.3	--
Dairyland	DSR-0660E	0.6	9/19	23	19.6	37.4	61.4	61.0	61.2	--
Dairyland	DSR-0757E	0.7	9/20	28	20.2	37.0	59.5	58.6	59.1	--
Dairyland	DSR-0920E	1.1	9/24	27	19.8	38.1	62.3	69.9	66.1	57.3
Dairyland	DSR-1121E	1.1	9/23	27	21.3	35.1	60.6	63.1	61.9	--
Dairyland	DSR-1290E	1.1	9/24	24	20.9	36.6	62.9	62.4	62.7	59.0
Golden H.	GH0653XF	0.6	9/17	27	20.1	38.6	66.8	51.9	59.3	--
Golden H.	GH0693E3	0.6	9/18	24	20.6	36.6	60.0	60.1	60.1	--
Golden H.	GH0803XF	0.8	9/19	31	19.9	38.7	66.2	60.7	63.4	--
Golden H.	GH0933E3	0.9	9/20	27	20.0	37.6	68.4	63.5	65.9	--
Golden H.	GH1323XF	1.3	9/24	31	19.9	38.2	61.2	57.6	59.4	--
Legacy	LS084-22XF	0.8	9/19	28	20.2	37.0	63.1	51.4	57.2	--
Legacy	LS092-22E	0.9	9/22	29	20.6	36.2	58.4	67.1	62.8	--
Legacy	LS094-20XF	0.9	9/20	28	20.1	37.5	57.0	50.1	53.6	--
Legacy	LS102-22E	1.0	9/24	27	19.8	37.0	69.2	60.9	65.0	--
Legacy	LS122-21E	1.2	9/22	26	20.9	36.0	67.1	51.8	59.4	57.2
LG Seeds	LGS0550E3	0.5	9/19	23	19.7	38.8	55.8	57.6	56.7	--
LG Seeds	LGS0660XF	0.6	9/20	29	19.5	38.9	58.3	46.2	52.3	--
LG Seeds	LGS0701XF	0.7	9/18	29	19.6	38.1	62.3	55.9	59.1	--
LG Seeds	LGS0822E3	0.8	9/20	24	19.9	37.5	62.7	60.9	61.8	53.6
LG Seeds	LGS0988XF	0.9	9/21	28	19.2	37.9	67.4	66.6	67.0	--
LG Seeds	LGS1203E3	1.2	9/27	28	19.2	38.5	66.1	69.0	67.6	58.1
LG Seeds	LGS1232XF	1.2	9/24	24	20.3	37.1	63.8	68.3	66.0	--
LG Seeds	LGS1385XF	1.3	9/26	32	19.3	38.2	71.2	64.3	67.8	--
NDSU	ND21008GT20	00.8	9/9	25	20.6	37.8	36.0	47.6	41.8	--
NDSU	ND2108GT73	0.8	9/25	25	19.9	37.7	57.0	49.1	53.1	--
NDSU	ND17009GT	00.9	9/13	31	20.1	39.9	43.4	56.8	50.1	--
Paloma	PL2E061	0.6	9/18	22	20.7	36.5	59.7	59.0	59.4	--
Paloma	PL2E101	1.0	9/24	28	19.2	38.0	72.1	60.7	66.4	--
Proseed	EL30-53	0.5	9/19	26	20.0	38.6	55.3	56.8	56.0	--
Proseed	EL30-93N	0.9	9/20	24	20.7	37.2	64.3	66.2	65.3	--
Proseed	EL31-13N	1.1	9/23	27	19.8	36.7	65.9	67.7	66.8	--
Proseed	XF30-42N	0.4	9/16	29	20.2	37.7	58.6	59.9	59.2	--
Proseed	XF30-52N	0.5	9/13	35	20.7	36.8	57.2	63.3	60.2	--
Proseed	XF30-62N	0.6	9/19	27	19.5	39.0	63.7	58.7	61.2	--
Proseed	XF30-72N	0.7	9/18	26	19.2	37.8	64.8	66.5	65.7	--
Proseed	XF30-82N	0.8	9/20	30	20.0	38.0	54.4	60.3	57.4	--
Proseed	XF30-92N	0.9	9/22	32	19.6	37.4	63.8	60.9	62.3	--
Proseed	XF31-32N	1.3	9/28	29	20.3	36.8	70.1	64.3	67.2	--
REA	R0422XF	0.4	9/16	23	19.9	38.7	48.7	62.3	55.5	--
REA	R0632XF	0.6	9/18	26	19.1	38.5	56.0	58.4	57.2	--
REA	R0843XF	0.8	9/21	24	19.7	38.1	58.3	59.7	59.0	--
Mean			9/20	27	20.0	37.7	61.3	60.3	60.8	55.1
CV %			13.9	4.4	2.4	2.0	9.8	15.4	13.8	--
LSD 0.05			3.2	1.9	1.0	1.5	9.6	14.9	9.4	--
LSD 0.10			2.7	1.6	0.8	1.3	8.1	12.5	7.9	--

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							Lisbon	Milnor	2-site Avg.	2-yr. Avg.
REA	R1042XF	1.0	9/24	32	19.8	37.6	60.1	62.5	61.3	54.4
REA	R1133XF	1.1	9/26	29	20.1	36.6	59.5	62.8	61.1	--
REA	RX0721	0.7	9/17	30	20.0	38.0	63.2	55.9	59.5	--
Syng NK	NK05-W3XF	0.5	9/17	29	19.0	38.0	62.3	62.8	62.5	--
Syng NK	NK06-D9E3	0.6	9/17	25	20.2	37.8	57.0	65.3	61.2	--
Syng NK	NK06-P2XF	0.6	9/17	30	20.2	38.1	61.6	58.5	60.1	--
Syng NK	NK08-M1XF	0.8	9/18	29	19.2	39.3	60.0	57.2	58.6	--
Syng NK	NK09-B5XF	0.9	9/20	29	19.1	38.9	63.9	54.3	59.1	--
Syng NK	NK09-H7E3	0.9	9/20	24	19.9	36.6	68.5	65.9	67.2	--
Syng NK	NK10-W8XF	1.0	9/23	31	19.7	38.1	66.5	47.1	56.8	50.4
Syng NK	NK13-Y4XF	1.3	9/23	34	19.6	38.5	69.9	56.6	63.3	--
Xitavo	XO 0573E	0.5	9/19	23	20.5	37.2	49.3	63.5	56.4	--
Xitavo	XO 0602E	0.6	9/20	21	19.9	37.8	55.5	68.8	62.2	--
Xitavo	XO 0731E	0.7	9/21	26	19.6	38.2	56.6	66.7	61.6	--
Xitavo	XO 0993E	0.9	9/23	25	21.2	36.0	59.2	67.4	63.3	--
Xitavo	XO 1133E	1.1	9/26	23	19.8	37.5	60.6	61.5	61.1	--
Xitavo	XO 1212E	1.2	9/27	25	19.2	38.4	62.0	69.0	65.5	--
Xitavo	XO 1372E	1.3	9/25	25	20.7	36.8	60.8	68.8	64.8	--
Mean			9/20	27	20.0	37.7	61.3	60.3	60.8	55.1
CV %			13.9	4.4	2.4	2.0	9.8	15.4	13.8	--
LSD 0.05			3.2	1.9	1.0	1.5	9.6	14.9	9.4	--
LSD 0.10			2.7	1.6	0.8	1.3	8.1	12.5	7.9	--

Lisbon Planted: May 18. Harvested: Oct 5.

Milnor Planted: May 23. Harvested: Oct 4.

<sup>1</sup>Maturity is date of 95% brown or tan pods