

2019 NDSU Combined Southern Soybean Roundup Ready/Xtend/Enlist/G3 Variety Trial

Company	Variety	Maturity*	Protein**	Oil	Fairmount	Milnor	Colfax	2019	2018-2019
					Yield	Yield	Yield	3-site	2-year
		date	%	%	bu/acre	bu/acre	bu/acre	Avg. Yield	Avg. Yield
Legend	LS06X950N	26-Sep	34.8	16.9	46.5	31.1	47.8	41.8	
Genesis	G0641E	26-Sep	32.0	18.1	55.2	31.0	53.1	46.4	
NK Seed	S07-Q4X	26-Sep	33.7	17.5	50.4	31.8	47.6	43.3	54.5
Golden Harvest	GH0749X	26-Sep	34.1	17.4	50.6	26.3	41.2	39.4	50.9
LG Seeds	1018RX	28-Sep	34.2	17.3	52.6	34.3	45.1	44.0	53.4
Legend	LS09X960N	28-Sep	33.9	17.1	43.7	24.4	33.1	33.7	50.8
REA Hybrids	RX0929	29-Sep	35.6	16.3	52.3	35.9	49.7	46.0	55.1
LG Seeds	0735RX	29-Sep	33.2	17.7	45.9	22.5	41.0	36.5	
Mustang	10929	29-Sep	33.1	17.6	54.9	32.4	51.3	46.2	
NK Seed	S09-D4X	29-Sep	31.8	18.0	52.0	34.6	43.2	43.3	
Channel	1020R2X	29-Sep	32.4	18.2	48.5	25.5	42.6	38.9	
REA Hybrids	RX1030	29-Sep	34.3	17.3	53.7	27.3	39.6	40.2	
Peterson Farms Seed	20X09	30-Sep	33.6	17.5	48.9	28.9	42.7	40.2	
Golden Harvest	GH0936X	30-Sep	32.1	17.9	50.8	29.8	47.5	42.7	
Proseed	EL80-93	30-Sep	34.0	17.0	50.5	30.2	39.2	40.0	
Dairyland	DSR-0988/R2Y	30-Sep	32.3	17.1	56.0	32.9	55.0	48.0	58.6
Legacy	LS-0930NRR2X	1-Oct	31.6	18.0	44.8	27.1	44.0	38.6	
Dyna-Gro	S09XT50	1-Oct	34.2	16.8	51.5	32.8	44.5	42.9	
NK Seed	S12-R3	1-Oct	34.3	17.2	52.1	36.2	47.7	45.3	55.7
Dahlman	1011E3N	2-Oct	34.2	17.2	49.8	31.8	45.0	42.2	
Genesis	G1041E	2-Oct	33.8	17.2	37.1	24.4	43.8	35.1	
Proseed	XT90-90	2-Oct	33.8	16.8	51.7	31.4	53.2	45.4	
Legacy	LS-1138NRR2X	2-Oct	32.9	17.8	54.4	36.9	43.4	44.9	57.3
Integra	51229N	2-Oct	33.3	16.7	53.1	33.8	54.6	47.2	
NK Seed	S10-H7X	3-Oct	35.9	16.8	44.4	31.8	40.0	38.7	
Integra	50990N	3-Oct	31.6	18.2	51.8	28.7	42.6	41.0	
BASF	CZ729	3-Oct	34.9	16.6	59.6	32.8	52.6	48.3	
Dyna-Gro	S11EN40	3-Oct	33.2	16.1	60.3	40.4	52.1	50.9	
Dyna-Gro	S13XT89	3-Oct	33.3	17.3	59.7	39.2	58.8	52.6	
Golden Harvest	GH1317X	3-Oct	32.8	17.9	60.1	35.8	50.4	48.8	
Integra	40999N	3-Oct	34.5	17.0	41.7	18.9	43.8	34.8	
Dahlman	6811XN	3-Oct	33.4	17.7	53.9	30.5	47.1	43.8	56.0
LG Seeds	1118RX	3-Oct	32.0	17.6	51.8	26.1	40.5	39.5	
Mustang	12X928	3-Oct	34.1	17.5	56.1	36.8	41.2	44.7	
Proseed	EL81-13	3-Oct	33.2	17.5	59.8	33.4	30.8	41.3	
Dyna-Gro	S11XT78	4-Oct	33.7	17.3	53.4	37.1	50.4	47.0	57.3
P3 Genetics	2013E	4-Oct	33.3	17.6	58.4	38.4	47.5	48.1	
Dairyland	DSR-0847E	4-Oct	33.4	18.1	56.1	24.7	39.7	40.2	
Mustang	11E929	4-Oct	33.8	17.5	47.6	22.7	36.5	35.6	
Proseed	EL91-23	4-Oct	32.1	16.5	54.5	39.3	47.1	47.0	
Dairyland	DSR-1120/R2Y	4-Oct	32.1	18.5	52.3	38.0	40.5	43.6	53.6
LG Seeds	1337RX	4-Oct	33.9	17.5	58.6	35.3	51.7	48.5	58.6
P3 Genetics	1911E	4-Oct	34.1	17.3	52.7	28.1	46.6	42.5	
Channel	1520R2X	4-Oct	33.8	18.2	51.4	31.3	47.9	43.5	
Legacy	LS-1220NE3	5-Oct	33.7	17.2	64.5	42.0	47.9	51.5	
Mustang	12E220	5-Oct	33.0	16.4	54.8	37.9	44.4	45.7	
Stine	13EA12	5-Oct	33.8	17.2	58.6	36.2	48.1	47.6	
Dahlman	1014E3N	5-Oct	33.7	17.2	51.7	36.8	44.0	44.2	
BASF	CZ1139	5-Oct	32.0	17.5	41.3	26.0	42.3	36.5	
Stine	12EB32	5-Oct	33.5	17.5	51.1	33.7	37.4	40.7	
BASF	CZ1280	6-Oct	34.1	18.5	52.8	32.0	32.7	39.2	
P3 Genetics	2013B	6-Oct	33.3	17.6	50.8	41.5	50.3	47.5	
Channel	1920R2X	6-Oct	32.9	18.8	59.9	31.1	44.0	45.0	
Mean		2-Oct	33.4	17.4	52.5	32.1	45.2	43.3	
LSD(0.10)		2	0.7	0.4	8.9	8.1	8.7	5.8	
LSD(0.05)		2	0.9	0.5	10.6	9.6	10.4	6.8	
CV		3.6	1.7	2.2	12.7	18.6	20	17	

*Maturity: date of 95% brown or tan pods.

**Protein and oil adjusted to 13% grain moisture basis.