

2016 NDSU Combined Southern Roundup Ready Fee Test 3-sites

<u>Company</u>	<u>Variety</u>	<u>Maturity#</u> date	<u>Height</u> inch	<u>Protein*</u> %	<u>Oil</u> %	Fairmount	Milnor	Walcott	2016	2015-16
						<u>Yield</u> bu/A	<u>Yield</u> bu/A	<u>Yield</u> bu/A	3-site <u>Average</u> Yield bu/A	2-year <u>Average</u> Yield bu/A
Proseed	XT612	4-Sep	35	41.6	20.6	43.0	34.6	51.7	43.1	
NuTech	6048	8-Sep	36	42.7	19.6	40.0	54.3	52.2	48.8	
Syngenta	NKS06-Q9	11-Sep	35	41.8	19.5	55.2	60.2	60.4	58.6	
Wensman	W1071NRX	13-Sep	37	40.2	20.8	50.1	56.1	50.6	52.3	
Mycogen	X56083NR2	13-Sep	36	42.0	19.7	49.6	62.1	62.0	57.9	
Dyna-Gro	S06RY47	14-Sep	34	42.4	19.5	46.8	59.5	57.1	54.5	
Prairie Brand	PB-0676R2	14-Sep	37	42.9	19.6	45.7	68.7	58.1	57.5	
Wensman	W3080NR2	15-Sep	38	40.1	20.1	53.3	67.3	62.1	60.9	63.5
Syngenta	NKS08-M2	15-Sep	37	40.4	19.7	47.7	67.6	66.3	60.5	
Mycogen	5B082R2	16-Sep	38	40.2	21.6	38.9	63.2	64.8	55.6	61.1
Proseed	30-80	16-Sep	36	37.9	20.8	57.2	65.2	65.7	62.7	60.8
Integra	20775N	16-Sep	37	38.4	21.0	49.6	68.0	64.3	60.6	
Dairyland	DSR-0988/R2Y	16-Sep	37	35.5	21.7	54.4	66.8	66.1	62.4	
Mycogen	5N091R2	16-Sep	36	39.7	20.4	41.8	65.2	67.0	58.0	62.6
Channel	0807R2	17-Sep	37	38.9	20.6	57.1	66.3	60.3	61.2	64.2
NuTech	6097R2	17-Sep	38	37.9	21.9	31.0	55.9	77.1	54.7	62.7
REA Hybrids	69G14	17-Sep	35	39.6	20.2	52.3	63.9	69.8	62.0	65.3
Thunder	3408R2XN	17-Sep	38	39.2	20.5	55.9	68.3	62.3	62.2	65.5
Legacy	LS-0935N	17-Sep	41	39.6	20.0	56.2	69.3	68.2	64.6	68.2
Dyna-Gro	S07RY45	17-Sep	36	39.5	20.3	63.6	71.1	65.7	66.8	68.5
Prairie Brand	PB-0863R2	17-Sep	36	40.5	20.5	47.4	62.8	67.5	59.2	
REA Hybrids	R0815	17-Sep	39	39.4	20.3	58.7	65.4	71.4	65.2	67.3
Dairyland	DSR-0807/R2Y	17-Sep	35	40.9	20.1	35.7	66.3	56.9	53.0	
Integra	20915N	17-Sep	32	39.2	20.2	57.4	65.2	59.0	60.5	64.5
Peterson Farms Seed	16R09N	17-Sep	38	39.2	20.4	61.2	65.1	67.0	64.4	66.0
Legacy	LS-0837N	18-Sep	37	38.7	20.1	56.8	65.7	61.6	61.4	
Peterson Farms Seed	16X12N	18-Sep	38	40.4	19.9	45.3	58.6	76.2	60.0	
Prairie Brand	PB-0987R2	18-Sep	36	38.2	20.1	58.4	72.5	61.0	64.0	
Hefty	H09X7	18-Sep	38	39.5	20.2	45.8	64.6	66.6	59.0	
Terning	TS4090NRR2Y	18-Sep	37	39.8	19.7	59.1	66.9	61.5	62.5	
Dyna-Gro	S12RY44	18-Sep	39	42.3	19.8	53.0	71.3	70.0	64.8	67.9

Legend	12R24N	19-Sep	36	40.9	20.2	58.2	66.2	64.1	62.8	
Dyna-Gro	S09RY64	19-Sep	39	39.3	19.8	59.9	63.5	65.6	63.0	65.2
Proseed	41-10	19-Sep	37	40.5	19.8	39.2	69.2	69.2	59.2	66.0
Thunder	SB8713N	19-Sep	40	36.6	21.5	52.4	61.5	61.0	58.3	
Hefty	H08X7	19-Sep	37	40.8	19.8	46.4	60.7	70.5	59.2	
Hefty	H12X7	19-Sep	34	38.7	20.8	58.8	76.2	61.5	65.5	
Syngenta	NKS12-R3	19-Sep	35	40.3	20.1	57.0	65.0	62.1	61.4	
Syngenta	NKS13-H5	19-Sep	34	39.8	20.0	55.1	62.2	65.5	60.9	
Dairyland	DSR-1120/R2Y	20-Sep	37	39.0	20.3	31.8	69.3	59.5	53.5	60.6
Legend	11R760N	20-Sep	36	40.0	19.5	53.2	61.1	59.4	57.9	
Thunder	3511 R2X	20-Sep	42	39.7	20.6	54.1	58.6	62.6	58.4	
Thunder	SB8710N	20-Sep	38	40.5	19.6	47.8	67.0	69.0	61.3	
Wensman	W1106NRX	20-Sep	40	40.2	19.8	47.8	67.0	59.2	58.0	
Mycogen	X56131NR2	20-Sep	36	41.1	20.5	52.1	69.5	65.6	62.4	
Dahlman	6709XN	20-Sep	37	39.9	20.3	49.5	70.7	64.0	61.4	
Dahlman	6713XN	20-Sep	39	38.9	20.1	53.8	48.2	66.3	56.1	
Proseed	XT610	20-Sep	38	40.6	19.6	55.3	64.9	67.9	62.7	
Legacy	LS-1134N	20-Sep	36	40.4	21.2	55.2	70.8	57.3	61.1	66.6
Peterson Farms Seed	17X09N	20-Sep	33	40.9	19.6	53.8	71.0	66.6	63.6	
Legend	10R551N	20-Sep	43	40.6	20.9	51.9	66.4	52.2	56.8	
Channel	1108R2	21-Sep	41	40.1	20.8	56.6	65.4	64.9	62.3	67.2
Legacy	LS-1335N	21-Sep	40	37.2	21.4	56.5	73.6	69.6	66.6	66.7
Terning	TS4111NRR2	21-Sep	41	40.1	20.4	54.4	65.3	57.7	59.1	
Wensman	W1129NRX	21-Sep	41	39.3	20.0	53.5	77.1	73.8	68.1	
NuTech	7127R2	21-Sep	36	41.4	19.1	49.7	67.4	58.0	58.4	
Prairie Brand	PB-1257R2	22-Sep	39	38.4	20.1	57.5	72.9	60.9	63.8	
Hefty	H13X7	22-Sep	36	38.8	19.7	55.5	58.3	60.8	58.2	
Legend	13R700N	22-Sep	38	39.3	20.2	61.8	69.5	67.7	66.3	
Average		18-Sep	37	39.9	20.3	51.6	65.0	63.6	60.1	65.0
LSD (0.05)			5.0	5.0	1.6	1.3	8.3	10.1	9.6	7.0
LSD (0.10)			4.0	5.0	1.3	1.1	7.1	13.3	8.2	5.9
CV			6.0	9.2	1.9	2.1	10.1	8.6	11.3	15.1

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

Protein and oil data were adjusted to a 13% grain moisture.