



Roundup Ready Soybean Summary 2018

Locations: Fisher, MN & Thompson, ND

Variety	Supplier	Technology	SCN Resistance	PRR Gene	Fisher Yield (bu/A)	Thompson Yield (bu/A)	Maturity	IDC	Average Yield (bu/A)
06GA13	Stine	Liberty GT 27	S	HRps1c	63.3	39.8	22-Sep	7.0	51.5
S03-G9	Syngenta	RR2Y	MR	-	53.7	40.3	10-Sep	7.1	47.0
50-10	ProSeed	RR2Y	S	Rps1c	52.6	38.0	8-Sep	6.8	45.3
RX0628	REA	Xtend	R	Rps1c	45.4	44.8	17-Sep	7.0	45.1
S08-M2	Syngenta	RR2Y	R	Rps1c	47.9	41.5	19-Sep	7.3	44.7
LGS0400RX	LG Seeds	Xtend	R	Rps1c	53.1	35.5	14-Sep	7.0	44.3
NS 60743NXR4	NorthStar	Xtend	R	Rps1c	51.1	35.8	18-Sep	6.4	43.4
07GA33	Stine	Liberty GT 27	S	Rps3a	48.0	38.8	27-Sep	6.8	43.4
04XB03	Stine	Xtend	S	Rps3a	56.6	29.8	15-Sep	6.3	43.2
05GA01	Stine	Liberty GT 27	S	-	44.4	41.0	23-Sep	6.7	42.7
03GA03	Stine	Liberty GT 27	S	Rps1c	48.2	36.7	14-Sep	6.7	42.4
RX0719	REA	Xtend	R	Rps3a + 1c	48.7	33.5	20-Sep	6.2	41.1
S06-K4X	Syngenta	Xtend	S	Rps3a	55.4	26.3	23-Sep	6.1	40.8
R0815	REA	RR2Y	R	Rps1c	51.1	29.4	21-Sep	6.6	40.2
50-08N	ProSeed	RR2Y	R	Rps3a + 1c	42.5	37.3	14-Sep	6.7	39.9
LGS0886RX	LG Seeds	Xtend	R	Rps3a	43.6	36.2	22-Sep	6.4	39.9
NS 60823NXR5	NorthStar	Xtend	R	Rps3a	48.3	31.4	26-Sep	6.2	39.8
RX0516	REA	RR2Y	R	Rps1c	38.9	40.0	15-Sep	5.7	39.5
S03XT29	DynaGro	Xtend	R	Rps1c	46.0	32.1	11-Sep	7.1	39.1
04GA03	Stine	Liberty GT 27	S	Rps1k	43.2	34.7	20-Sep	6.5	39.0
06GA30	Stine	Liberty GT 27	S	Rps1c	43.2	34.6	17-Sep	6.5	38.9
XT 70-30	ProSeed	Xtend	R	Rps1k	39.5	37.1	19-Sep	6.6	38.3
NS 0081NR2	NorthStar	RR2Y	R	Rps3a + 1c	38.1	38.1	16-Sep	6.8	38.1
NS 60442NXR2	NorthStar	Xtend	R	Rps3a	47.0	29.1	14-Sep	7.0	38.0
64G94	REA	RR2Y	R	-	36.9	38.8	11-Sep	7.1	37.9
C0850R2	LG Seeds	RR2Y	R	Rps1c	42.4	33.2	15-Sep	7.0	37.8
LGS0774RX	LG Seeds	Xtend	R	Rps1c	42.5	32.2	20-Sep	6.4	37.3
06GA10	Stine	Liberty GT 27	S	-	49.9	24.5	24-Sep	5.7	37.2
LGS00899RX	LG Seeds	Xtend	R	Rps1k	44.4	29.8	6-Sep	7.1	37.1
S07-Q4X	Syngenta	Xtend	MR	Rps1c	37.6	36.4	24-Sep	6.3	37.0
RX0228	REA	Xtend	R	Rps1c + 1k	43.9	30.0	9-Sep	7.5	37.0
LGS0355RX	LG Seeds	Xtend	R	Rps1c	47.9	25.6	10-Sep	6.9	36.7
NS 60264XR2	NorthStar	Xtend	R	Rps1c	45.2	27.6	13-Sep	6.9	36.4
LGS00909R2	LG Seeds	RR2Y	S	Rps1k	43.3	28.5	6-Sep	7.1	35.9
XT 80-20	ProSeed	Xtend	R	Rps1k	41.5	29.7	10-Sep	7.2	35.6
RX00738	REA	Xtend	R	Rps1k	43.2	27.8	7-Sep	6.4	35.5
S07XT28	DynaGro	Xtend	R	Rps3a	42.0	28.9	24-Sep	6.1	35.5
NS 0111R2	NorthStar	RR2Y	S	Rps1c	43.0	27.1	10-Sep	6.6	35.0
LGS0550RX	LG Seeds	Xtend	R	Rps3a	44.1	25.6	22-Sep	6.7	34.8
XT 60-40	ProSeed	Xtend	R	Rps3a	39.7	29.7	16-Sep	6.5	34.7
LGS0111RX	LG Seeds	Xtend	S	Rps1c	38.2	30.8	11-Sep	6.8	34.5
NS 0090R2	NorthStar	RR2Y	S	Rps1k	36.9	31.8	7-Sep	7.2	34.3
LGS0230R2	LG Seeds	RR2Y	S	Rps1c	36.2	31.6	7-Sep	7.1	33.9
LGS0224R2	LG Seeds	RR2Y	S	Rps1c	39.1	28.3	12-Sep	6.4	33.7
NS 60513NXR3	NorthStar	Xtend	MR	Rps3a	37.2	29.8	17-Sep	6.5	33.5
S03-S6X	Syngenta	Xtend	S	Rps1c	38.0	28.0	14-Sep	6.3	33.0
0140	REA	RR2Y	S	Rps1c	35.1	30.4	6-Sep	7.3	32.7
S05XT88	DynaGro	Xtend	MR	HRps3a	39.8	25.5	19-Sep	6.3	32.6
S009XT68	DynaGro	Xtend	S	Rps1k	40.6	23.4	6-Sep	6.7	32.0
NS 0072R2	NorthStar	RR2Y	S	Rps1c	41.6	21.9	12-Sep	7.0	31.7
S04XT77	DynaGro	Xtend	R	Rps3a	34.2	29.2	16-Sep	6.8	31.7
LGS00885R2	LG Seeds	RR2Y	R	Rps3a + 1c	34.6	28.2	22-Sep	6.4	31.4
S007XT27	DynaGro	Xtend	R	Rps1c	31.6	30.6	5-Sep	6.9	31.1
S009-J1	Syngenta	RR2Y	S	Rps3a	31.8	30.3	5-Sep	7.2	31.0
NS 0064R2	NorthStar	RR2Y	S	Rps1a	35.2	26.6	5-Sep	7.1	30.9
R00727	REA	RR2Y	S	-	37.0	24.0	6-Sep	6.7	30.5
62G22	REA	RR2Y	S	Rps1c	32.3	28.6	6-Sep	7.6	30.5
XT 60-09	ProSeed	Xtend	S	Rps1k	36.2	24.3	9-Sep	6.6	30.3
RX0327	REA	Xtend	R	Rps3a	38.2	21.9	17-Sep	6.3	30.0
RX00749	REA	Xtend	R	Rps1k	34.8	23.9	3-Sep	7.1	29.4
NS 60083NXR2	NorthStar	Xtend	R	Rps1k	29.6	28.5	7-Sep	6.9	29.0
RX00619	REA	Xtend	R	Rps1c + 1k	34.7	23.0	3-Sep	7.0	28.9
009XB32	Stine	Xtend	R	Rps1k	34.0	23.4	9-Sep	6.7	28.7

SCN Resistance:

S = Susceptible MR = Moderately resistant
MS = Moderately Susceptible R = Resistant



IDC Scoring: 10 = best; 1 = worst



Two-Year Average Soybean Data 2017 & 2018

Variety	Supplier	Technology	SCN Resistance	PRR Gene	2017			2018			2 Year Average		
					Yield (bu/A)	IDC	Maturity	Yield (bu/A)	IDC	Maturity	Yield (bu/A)	IDC	Maturity
04XB03	Stine	Xtend	S	Rps3a	39.3	6.0	17-Sep	43.2	6.3	15-Sep	41.3	6.2	16-Sep
RX0628	REA	Xtend	R	Rps1c	36.5	6.2	23-Sep	45.1	7.0	17-Sep	40.8	6.6	20-Sep
S08-M2	Syngenta	RR2Y	R	Rps1c	36.8	6.5	29-Sep	44.7	7.3	19-Sep	40.8	6.9	24-Sep
R0815	REA	RR2Y	R	Rps1c	39.0	6.0	21-Sep	40.2	6.6	21-Sep	39.6	6.3	21-Sep
64G94	REA	RR2Y	R	-	35.7	7.3	18-Sep	37.9	7.1	11-Sep	36.8	7.2	15-Sep
RX0228	REA	Xtend	R	Rps1c + 1k	34.5	7.3	16-Sep	37.0	7.5	9-Sep	35.7	7.4	13-Sep
RX0516	REA	RR2Y	R	Rps1c	28.1	5.1	27-Sep	39.5	5.7	15-Sep	33.8	5.4	21-Sep
LGS0230R2	LG Seeds	RR2Y	S	Rps1c	33.1	6.8	15-Sep	33.9	7.1	7-Sep	33.5	6.9	11-Sep
RX00738	REA	Xtend	R	Rps1k	31.2	6.3	15-Sep	35.5	6.4	7-Sep	33.4	6.4	11-Sep
LGS00909R2	LG Seeds	RR2Y	S	Rps1k	30.7	6.3	18-Sep	35.9	7.1	6-Sep	33.3	6.7	12-Sep
0140	REA	RR2Y	S	Rps1c	33.5	6.6	14-Sep	32.7	7.3	6-Sep	33.1	7.0	10-Sep
62G22	REA	RR2Y	S	Rps1c	34.2	6.8	15-Sep	30.5	7.6	6-Sep	32.3	7.2	11-Sep
LGS0111RX	LG Seeds	Xtend	S	Rps1c	29.8	5.7	20-Sep	34.5	6.8	11-Sep	32.2	6.3	16-Sep
LGS0224R2	LG Seeds	RR2Y	S	Rps1c	30.3	5.8	21-Sep	33.7	6.4	12-Sep	32.0	6.1	17-Sep
S04XT77	DynaGro	Xtend	R	Rps3a	31.6	6.5	14-Sep	31.7	6.8	16-Sep	31.7	6.7	15-Sep
S009XT68	DynaGro	Xtend	S	Rps1k	31.3	6.3	19-Sep	32.0	6.7	6-Sep	31.6	6.5	13-Sep
S007XT27	DynaGro	Xtend	R	Rps1c	31.6	6.5	14-Sep	31.1	6.9	5-Sep	31.3	6.7	10-Sep
RX0327	REA	Xtend	R	Rps3a	31.7	5.8	22-Sep	30.0	6.3	17-Sep	30.9	6.1	20-Sep
009XB32	Stine	Xtend	R	Rps1k	30.8	6.3	16-Sep	28.7	6.7	9-Sep	29.7	6.5	13-Sep
LGS00885R2	LG Seeds	RR2Y	R	Rps3a + 1c	27.6	5.7	27-Sep	31.4	6.4	22-Sep	29.5	6.1	25-Sep
R00727	REA	RR2Y	S	-	28.4	6.4	10-Sep	30.5	6.7	6-Sep	29.4	6.6	8-Sep

SCN Resistance
S = Susceptible
MS = Moderately susceptible
MR = Moderately resistant
R = Resistance





Roundup Ready IDC Plot 2018

Location: Crookston, MN

Variety	Brand	Technology	Maturity	IDC	Yield
RX0228	REA	Xtend	9-Sep	7.0	57.3
62G22	REA	RR2Y	6-Sep	6.7	51.6
NS 0064R2	NorthStar	RR2Y	5-Sep	6.5	50.4
S03-G9	Syngenta	RR2Y	10-Sep	6.3	48.1
RX0628	REA	Xtend	17-Sep	6.2	47.6
LGS00663RX	LG Seeds	Xtend	6-Sep	6.5	46.8
NS 60264XR2	NorthStar	Xtend	13-Sep	6.7	46.4
LGS0230R2	LG Seeds	RR2Y	7-Sep	6.8	46.0
S007XT59	DynaGro	Xtend	5-Sep	6.7	45.3
S03XT29	DynaGro	Xtend	11-Sep	6.2	45.2
LGS0550RX	LG Seeds	Xtend	22-Sep	5.5	44.9
S007XT27	DynaGro	Xtend	5-Sep	6.3	44.9
64G94	REA	RR2Y	11-Sep	6.5	44.6
LGS0355RX	LG Seeds	Xtend	10-Sep	6.3	44.5
S009XT68	DynaGro	Xtend	6-Sep	5.7	44.5
RX00749	REA	Xtend	7-Sep	7.0	43.8
LGS00909R2	LG Seeds	RR2Y	6-Sep	6.2	43.6
XT 80-20	ProSeed	Xtend	10-Sep	6.5	43.0
XT 70-30	ProSeed	Xtend	19-Sep	6.2	41.8
NS 0072R2	NorthStar	RR2Y	12-Sep	6.5	41.3
NS 60092NXR6	NorthStar	Xtend	7-Sep	6.7	40.5
S08-M2	Syngenta	RR2Y	19-Sep	6.0	40.1
LGS0400RX	LG Seeds	Xtend	14-Sep	6.0	39.9
NS 60442NXR2	NorthStar	Xtend	14-Sep	5.8	38.5
RX00619	REA	Xtend	3-Sep	6.7	37.9
RX00738	REA	Xtend	7-Sep	6.5	37.6
LGS00899RX	LG Seeds	Xtend	6-Sep	6.3	37.5
0140	REA	RR2Y	6-Sep	6.2	36.8
NS 0081NR2	NorthStar	RR2Y	16-Sep	5.3	35.2
03GA03	Stine	Liberty GT 27	14-Sep	5.5	35.2
S009-J1	Syngenta	RR2Y	5-Sep	6.2	35.2
NS 0111R2	NorthStar	RR2Y	10-Sep	5.3	34.5
NS 60083NXR2	NorthStar	Xtend	7-Sep	5.7	34.4
50-10	ProSeed	RR2Y	8-Sep	5.2	34.3
S06-K4X	Syngenta	Xtend	23-Sep	5.5	33.7
XT 60-40	ProSeed	Xtend	16-Sep	5.5	33.2
NS 60513NXR3	NorthStar	Xtend	17-Sep	5.0	32.9
LGS00885R2	LG Seeds	RR2Y	22-Sep	5.2	31.6
S005XT38	DynaGro	Xtend	7-Sep	6.0	31.6
S06XT59	DynaGro	Xtend	20-Sep	5.2	31.2
LGS0111RX	LG Seeds	Xtend	11-Sep	5.8	30.9
06GA13	Stine	Liberty GT 27	22-Sep	5.5	30.9
50-08N	ProSeed	RR2Y	14-Sep	5.7	30.8
RX0719	REA	Xtend	20-Sep	5.0	29.2
NS 0090R2	NorthStar	RR2Y	7-Sep	5.3	29.1

Variety	Brand	Technology	Maturity	IDC	Yield
XT 60-09	ProSeed	Xtend	9-Sep	5.7	28.8
S04XT77	DynaGro	Xtend	16-Sep	5.2	28.1
06GA10	Stine	Liberty GT 27	24-Sep	4.5	28.0
R0815	REA	RR2Y	21-Sep	5.0	27.6
009XB32	Stine	Xtend	9-Sep	5.5	27.3
C0850R2	LG Seeds	RR2Y	15-Sep	5.7	25.7
S05XT88	DynaGro	Xtend	19-Sep	5.0	25.1
RX0327	REA	Xtend	17-Sep	5.3	24.4
R00727	REA	RR2Y	6-Sep	5.7	22.5
LGS0774RX	LG Seeds	Xtend	20-Sep	5.7	22.5
NS 60823NXR5	NorthStar	Xtend	26-Sep	4.8	21.0
07GA33	Stine	Liberty GT 27	27-Sep	5.5	20.2
05GA01	Stine	Liberty GT 27	23-Sep	5.5	19.4
06GA30	Stine	Liberty GT 27	17-Sep	4.3	18.8
RX0516	REA	Xtend	15-Sep	3.3	18.7
04XB03	Stine	Xtend	15-Sep	4.2	18.2
S07XT28	DynaGro	Xtend	24-Sep	5.2	17.9
LGS0224R2	LG Seeds	RR2Y	12-Sep	4.8	17.1
04GA03	Stine	Liberty GT 27	20-Sep	5.2	17.0
S03-S6X	Syngenta	Xtend	14-Sep	4.5	16.7
NS 60743NXR4	NorthStar	Xtend	18-Sep	5.0	15.7
S07-Q4X	Syngenta	Xtend	24-Sep	5.0	14.3
LGS0886RX	LG Seeds	Xtend	22-Sep	5.2	11.0