

**2017 NDSU Soybean Roundup Ready/Xtend Iron-deficiency Chlorosis to Yield Variety Trial - Author, Ted Helms**

Company	Variety	Maturity*	IDC**	Hunter	Leonard	Colfax	2017
				Yield	Yield	Yield	3-site Yield
		date	score	Bu/A	Bu/A	Bu/A	Bu/A
Legend	007X756N	15-Sep	2.2	30.6	10.2	23.5	21.4
REA	RX0228	15-Sep	2.1	41.1	23.5	29.8	31.5
Legend	02R21	16-Sep	2.0	35.4	14.5	27.7	25.9
Channel	0218R2X	18-Sep	2.0	38.0	16.8	24.3	26.4
Dahlman	68008XN	19-Sep	2.5	23.9	4.1	22.3	16.8
Thunder	SB8703R2X	21-Sep	2.4	35.7	6.2	29.4	23.8
REA	RX0327	22-Sep	2.5	38.1	9.5	28.7	25.4
Thunder	3503R2Y	22-Sep	2.3	37.2	11.9	25.2	24.8
Golden Harvest	GH0391	23-Sep	2.6	42.0	16.2	27.9	28.7
Prairie Brand	PB-0578R2	23-Sep	2.3	41.7	14.9	35.4	30.7
Legend	04X765	24-Sep	2.5	35.7	11.1	23.8	23.5
Wensman	W1039NRX	24-Sep	2.3	39.1	14.7	27.0	26.9
Dahlman	6703XN	25-Sep	2.5	26.5	7.7	21.0	18.4
Peterson Farms Seed	17X04N	25-Sep	2.6	26.1	7.1	22.2	18.5
Wensman	W1048NRX	25-Sep	2.4	36.9	6.0	17.3	20.1
Channel	0317R2X	26-Sep	2.4	36.9	11.2	25.3	24.5
Channel	0518R2X	26-Sep	2.2	39.9	19.0	27.3	28.7
REA	RX0628	26-Sep	2.0	42.4	17.0	27.9	29.1
REA	RX0516	27-Sep	2.6	37.5	0.7	34.1	24.1
Dyna-Gro	S05XT88	28-Sep	2.4	36.9	8.2	20.0	21.7
Wensman	W1050NRX	28-Sep	2.5	37.4	6.6	22.4	22.1
Integra	20775N	29-Sep	2.5	41.3	4.0	30.5	25.3
Peterson Farms Seed	18X07N	29-Sep	2.6	31.3	7.9	22.8	20.7
Stine	07BA00	29-Sep	3.0	23.4	0.0	19.5	14.3
Thunder	SB8807NR2X	29-Sep	2.7	35.2	9.4	27.5	24.0
Wensman	W1074NRX	29-Sep	2.4	41.2	6.6	26.5	24.8
Dahlman	6806XN	30-Sep	2.7	31.5	0.9	21.0	17.8
Dyna-Gro	S07RY45	30-Sep	2.6	43.2	7.8	31.1	27.4
Peterson Farms Seed	15R07N	30-Sep	2.6	29.5	6.6	26.8	21.0
Syngenta/NK	S08-M2	30-Sep	2.5	33.8	11.9	25.1	23.6
Dyna-Gro	S11XT78	1-Oct	2.6	39.7	6.9	28.9	25.2
Golden Harvest	GH1253X	1-Oct	2.5	35.4	5.4	27.8	22.9
Prairie Brand	PB-0863R2	1-Oct	2.5	32.3	3.6	31.6	22.5
Syngenta/NK	S12-R3	1-Oct	2.5	45.7	13.2	37.0	32.0
Integra	30808N	2-Oct	3.3	31.5	0.0	20.6	17.4
Prairie Brand	PB-0777R2	2-Oct	2.7	40.2	2.4	18.6	20.4
Channel	1318R2X	3-Oct	2.5	43.7	12.3	29.4	28.5
Integra	20915N	3-Oct	2.8	36.9	8.4	28.1	24.5
Prairie Brand	1257R2	3-Oct	2.6	41.7	15.4	29.1	28.7
Peterson Farms Seed	18X11N	5-Oct	3.0	21.9	2.0	19.9	14.6
Average		27-Oct	2.5	41.2	9.1	26.1	23.7
LSD(0.05)		3	0.3	7.7	6.1	8.9	4.4
LSD(0.10)		3	0.3	6.4	5.0	7.4	3.6
CV		5.5	15.9	15.5	47.8	24.4	23.2

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

\*\*IDC: iron-deficiency chlorosis, 1- green, 3-yellow, 5-dead.