

**2012 NDSU Iron-deficiency Chlorosis, Roundup Ready Soybean Yield Data**

Company	Variety	Maturity*	IDC#	Galesburg	Leonard	Erie	2012 3-site
				Yield	Yield	Yield	average
		date	score	Bu/A	Bu/A	Bu/A	Yield**
Wensman Seed	W 30091R2	11-Sep	1.7	32.9	27.5	33.0	31.1
Channel Bio	00506B2	12-Sep	1.7	22.8	29.1	28.2	26.7
Mycogen Seed	5B024R2	12-Sep	1.8	40.2	29.1	36.1	35.1
Legend Seed	LS06R21	12-Sep	1.7	34.6	20.5	37.3	30.8
Syngenta NK	S02-B4	12-Sep	1.6	29.8	27.7	37.8	31.8
Integra Seed	20600	13-Sep	1.6	38.9	24.5	41.0	34.8
Channel Bio	0205R2	13-Sep	2.0	42.7	25.0	32.1	33.3
Seeds 2000	0091RR2Y	14-Sep	1.8	34.1	27.0	32.4	31.2
Mustang Seed	01212	14-Sep	1.7	38.8	24.7	36.5	33.3
Seeds 2000	2051RR2Y	14-Sep	1.7	37.4	26.8	39.5	34.6
Pioneer Hi-Bred	90Y01	14-Sep	1.6	15.6	24.0	26.8	22.1
Syngenta NK	S00-A7	14-Sep	1.8	26.7	20.8	33.1	26.9
Wensman Seed	W 30099R2	14-Sep	1.6	27.5	25.3	34.6	29.1
G2	6052	15-Sep	1.6	31.6	23.1	36.5	30.4
Thunder Seed	3205R2Y	15-Sep	1.8	50.5	25.4	41.8	39.2
Dahlman Seed	5206RR2Y	15-Sep	1.9	42.7	14.5	36.7	31.3
Kruger Seed	K2-0601	15-Sep	1.8	46.5	28.3	38.8	37.9
Thunder Seed	3201R2Y	16-Sep	2.0	34.7	22.3	39.5	32.2
Pioneer Hi-Bred	90Y21	16-Sep	1.7	24.5	21.3	29.4	25.1
Kruger Seed	K2-0402	16-Sep	1.7	11.0	25.6	33.5	23.4
Legend Seed	LS03R22	16-Sep	1.5	22.0	24.2	41.2	29.1
Proseed	P2 11-50	16-Sep	1.9	34.1	26.4	35.8	32.1
G2	6070	17-Sep	1.8	38.2	18.3	31.5	29.3
Mustang Seed	06942	17-Sep	1.8	44.6	24.2	38.9	35.9
Dahlman Seed	5203RR2Y	17-Sep	1.8	32.6	23.8	37.6	31.3
Mycogen Seed	5B065R2	17-Sep	1.7	25.8	25.3	36.7	29.3
REA Hybrids	65G22	17-Sep	1.7	41.1	25.7	44.8	37.2
Stine Seed	05RC68	18-Sep	1.8	13.0	20.4	31.9	21.8
Northstar Genetics	NS0626R2	18-Sep	1.7	18.7	26.7	32.7	26.0
Integra Seed	21102	19-Sep	1.8	25.3	28.2	36.6	30.0
Dyna-Gro	37R06	19-Sep	1.8	30.2	24.3	24.9	26.5
Kruger Seed	K2-0503	19-Sep	1.9	17.8	29.3	38.1	28.4
Northstar Genetics	NS0516R2	19-Sep	1.8	7.6	20.5	33.6	20.6
Proseed	P2 20-30	19-Sep	1.7	25.9	25.6	35.9	29.1
Dyna-Gro	508RY23	20-Sep	1.6	0.2	25.1	31.7	19.0
Monsanto	AG 0833	20-Sep	1.7	21.3	22.8	36.7	26.9
Monsanto	AG 0732	21-Sep	1.9	23.7	22.7	39.0	28.5
Northstar Genetics	NS0717R2	21-Sep	2.0	12.7	21.9	34.2	22.9
Peterson Farms Seed	11R10	22-Sep	1.8	26.0	19.4	37.7	27.7
REA Hybrids	66G22	23-Sep	2.2	9.3	21.6	29.9	20.3
Average		16-Sep	1.8	28.3	24.2	35.9	29.5
CV		9.7	30.7	42.7	22.7	19.2	22.9
LSD(0.05)		3.2	0.4	17.1	7.8	9.6	6.1

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

#IDC score measured as 1-green, 3-yellow, 5-dead. There were no significant differences among varieties for IDC score, when averaged across the 3 sites.

\*\*Differences among variety means for yield was significant ( $P > 0.05$ ) in the combined analysis of variance when tested with the environment X variety interaction.