

2012 NDSU Conventional and Liberty Link Soybean Iron Deficiency Chlorosis Trial Results. Author, T. Helms.

2012 NDSU IDC Conventional and Liberty Link Fee Test Hill Plots

Company	Variety	Ista†	Reich†	Roesler†	Puepke†	Meant†
check*	A11 (early)	1.1	1.3	1.0	1.2	1.2
Asgrow (RR)#	AG0231	1.0	3.3	1.4	1.3	1.7
Asgrow (RR)#	AG0301	1.3	3.0	2.1	1.9	2.1
Asgrow (RR)#	AG0732	1.0	3.5	2.1	1.8	2.1
Asgrow (RR)#	AG0732	1.1	2.7	2.0	1.6	1.8
Asgrow (RR)#	AG0808	1.0	2.5	1.3	1.6	1.6
Asgrow (RR)#	AG0832	1.0	2.9	2.0	1.5	1.9
Brushvale	BS 112	1.1	3.1	1.7	1.8	1.9
Brushvale	BS 39	1.4	3.0	1.8	1.5	1.9
Brushvale	BS 50	1.5	2.5	1.8	1.6	1.8
Brushvale	BS 53	1.0	3.0	1.9	1.7	1.9
Brushvale	BS 59	1.3	2.8	1.7	1.6	1.8
Brushvale	BS 84	1.1	2.7	2.0	1.9	1.9
G2 Genetics	6043	1.3	3.1	1.9	1.9	2.0
G2 Genetics	6052	1.1	2.3	1.1	1.4	1.5
Gold Country	0140	1.3	3.0	1.4	1.7	1.8
Gold Country	0241	1.0	2.3	1.1	1.1	1.4
Hefty	H008L3	1.3	3.0	1.6	1.4	1.8
Hefty	H0212L	1.3	2.6	1.6	1.4	1.7
Integra	30080	1.1	3.2	1.9	2.3	2.1
Legend	0522LLN	1.4	3.1	1.4	1.4	1.8
Legend	1172LLN	1.5	3.3	1.6	1.9	2.1
NDSU	Ashtabula	1.1	2.3	1.7	1.6	1.7
NDSU	Cavalier	1.4	2.9	2.3	1.9	2.1
NDSU	Nannonatto	1.3	2.8	2.1	2.3	2.1
NDSU	ND1100S	1.1	1.5	1.1	1.0	1.2
NDSU	Nornatto	1.5	2.7	1.8	1.9	2.0
NDSU	ProSoy	1.8	3.5	1.8	1.8	2.2
NDSU	Sargent	1.5	3.5	3.2	3.1	2.8
NDSU	Sargent(2)	2.0	3.6	3.6	2.6	2.9
NDSU	Sheyenne	1.3	3.1	1.8	1.4	1.9
NDSU	Traill	1.0	3.0	1.8	1.4	1.8
NDSU	Traill(2)	1.1	2.4	1.4	1.8	1.7
NorthStar	NS 0567NLL	1.5	3.2	1.8	2.2	2.2
NorthStar	NS 1076NLL	1.4	2.9	1.3	1.7	1.8
NorthStar	NS 1128NLL	1.4	2.4	1.6	1.4	1.7
NuTech	2062L	1.4	2.4	1.3	1.3	1.6
NuTech	2088L	1.4	3.3	1.3	1.6	1.9
NuTech	3103L	1.4	3.2	1.6	1.7	1.9
NuTech	3153L	1.3	3.0	1.8	2.2	2.1
Peterson	L009-13	1.0	2.8	1.4	1.5	1.7
Peterson	L03-12N	1.1	1.7	1.4	1.4	1.4

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Peterson	L05-11N	1.4	2.5	1.9	1.7	1.9
Peterson	L08-11	1.5	2.6	1.8	1.9	2.0
Peterson	L11-13N	1.3	2.1	1.6	1.5	1.6
Proseed	LL10-81	1.4	2.6	1.9	1.7	1.9
Proseed	LL11-110	1.4	2.9	2.3	2.1	2.2
Proseed	LL11-51	1.1	2.9	1.9	1.8	1.9
Proseed	LL11-61	1.1	3.3	1.8	1.4	1.9
Richland	Challenger	1.4	2.5	1.8	2.1	2.0
Richland	MK0205	1.3	2.5	1.6	1.7	1.8
Richland	MK0249	1.4	3.0	2.6	2.0	2.2
Richland	MK0508	1.1	2.3	1.2	1.2	1.5
Richland	MK1016	1.4	3.5	1.8	2.4	2.3
Richland	MK831	1.6	3.6	2.8	2.4	2.6
Richland	MK9101	1.4	3.5	2.0	1.9	2.2
Richland	Titan	1.4	2.4	1.5	1.8	1.8
SDSU	Deuel	1.3	3.2	1.6	1.5	1.9
SDSU	Surge	1.5	3.4	1.9	2.3	2.3
Seeds 2000	2082L	1.0	3.1	1.7	1.8	1.9
SK Foods	SK 0007	1.8	3.5	2.6	2.0	2.5
SK Foods	SK 0034	1.0	3.3	1.9	1.6	1.9
SK Foods	SK 0786	1.4	3.5	2.3	2.3	2.4
SK Foods	SK 0796	1.3	3.0	2.7	2.2	2.3
SK Foods	SK 095	1.3	2.5	2.4	2.3	2.1
SK Foods	SK 918	1.3	2.4	1.1	1.8	1.6
SK Foods	SK 972	1.1	3.2	3.3	2.3	2.5
SK Foods	SK 9801	1.5	3.4	2.8	2.3	2.5
SK Foods	SK 9814	1.4	3.4	1.7	2.3	2.2
Stine	06LC26	1.1	2.7	1.4	1.5	1.7
SunOpta	Bravado	1.1	2.8	1.3	1.4	1.7
SunOpta	Excalibur	1.0	3.1	2.1	1.6	1.9
SunOpta	Kassidy	1.4	2.8	2.9	2.3	2.3
SunOpta	Valor	1.0	2.8	1.7	1.5	1.7
Thunder	5205NLL	1.4	3.2	1.8	1.9	2.1
Thunder	5210NLL	1.1	2.9	1.3	1.5	1.7
Mean		1.3	2.9	1.8	1.8	1.9
LSD (0.05)		0.5	0.7	0.6	0.6	0.4

*A11 is not a commercially grown genotype.

#These RR types were included as additional checks for comparions.

†IDC score was 1-5 with 1-green, 5-dead.