

University of Minnesota

2014 Late Maturity (1.9-2.5) Southeast Minnesota Regional Soybean Growers Variety Performance Trial		
Trial ID: 2014 LAWLER SB LMRR		Location: LAWLER SITE
Protocol ID: 2014 SB LMRR		Trial Year: 2014
Crop: Soybean		Investigator: Fritz Breitenbach
Project ID:		Study Director: Behnken/Miller
		Sponsor Contact:

Crop Code	GLXMA	GLXMA
Crop Name	Soybean	Soybean
Rating Date		10/6/2014
Rating Data Type	MOICON	YIELD
Rating Unit	percent	BU
Entry No.	5	7
Entry Name		
1 ASGROW AG2031	12.1 a-e	59.3 a
2 ASGROW AG2134	11.6 g-k	51.8 i-p
3 ASGROW AG2232	12.2 abc	54.8 b-i
4 ASGROW AG2433	12.0 a-g	55.5 b-g
5 CHANNEL 2105R2	11.7 d-k	53.7 d-l
6 CROPLAN R2C2200	11.7 c-j	56.8 a-d
7 CROPLAN R2C2120	11.7 c-j	54.0 d-l
8 DAHLMAN 5321NRR2Y	11.1 l-o	50.4 n-r
9 DAHLMAN 5420NRR2Y	11.7 d-k	50.6 m-r
10 DAIRYLAND SEED DSR-1990R2Y	11.2 k-o	51.7 i-p
11 DAIRYLAND SEED DSR-2105R2Y	11.4 j-m	51.2 k-r
12 DAIRYLAND SEED DSR-2411R2Y	11.7 d-k	53.6 e-m
13 DUPONT PIONEER P22T69R	12.1 a-f	55.0 b-h
14 DUPONT PIONEER P25T51R	12.4 a	57.2 abc
15 DUPONT PIONEER 92Y51	11.6 f-k	53.0 f-n
16 DYNA-GRO 24RY73	12.2 ab	53.2 e-n
17 GOLD COUNTRY 2114	12.0 a-h	54.1 c-k
18 GOLD COUNTRY 2040	12.1 a-f	55.6 b-g
19 LEGACY SEEDS LS-2034NRR2	11.1 l-o	49.0 o-r
20 LEGACY SEEDS LS-2313NRR2	10.9 no	48.7 pqr
21 LG SEEDS C2020R2	11.5 i-l	52.0 h-o
22 LG SEEDS C2222R2	11.4 j-m	50.8 l-r
23 MYCOGEN SEEDS 5N206R2	12.0 a-g	54.6 b-j
24 MYCOGEN SEEDS 5N223R2	12.1 a-d	52.0 h-o
25 NK BRAND S20-T6	11.9 b-i	57.2 ab
26 NK BRAND S22-F8***	11.6 g-k	52.0 h-o
27 NK BRAND S22S1***	11.5 i-l	56.3 a-e
28 PRAIRIE BRAND PB2024R2	12.1 a-e	54.8 b-i
29 PRAIRIE BRAND PB2230R2	11.0 mno	48.2 r
30 PRODUCERS HYBRIDS 1900 NR2	11.9 b-i	55.1 b-g
31 PRODUCERS HYBRIDS 2101 NR2	11.8 c-j	51.4 k-q
32 RENK RS213NR2	12.1 a-f	54.9 b-i
33 RENK RS224NR2	11.6 h-k	52.5 g-n
34 STINE 20RD20	12.3 ab	56.0 b-f
35 STINE 22RD00	11.3 j-n	51.9 h-o
36 STINE 22RC62	11.9 b-i	53.4 e-n
37 VIKING 2000R2N	11.7 e-k	51.5 j-q
38 VIKING 2144R2N	10.8 o	48.4 qr
LSD (P=.20)	0.47	3.14
Standard Deviation	0.52	3.44
CV	4.41	6.46
Grand Mean	11.7	53.21
Bartlett's X2	45.721	46.39
P(Bartlett's X2)	0.154	0.139
Skewness	-0.2601	0.2923
Kurtosis	1.1162*	-0.3311
Replicate F	1.348	3.198
Replicate Prob(F)	0.2624	0.0262
Treatment F	2.525	2.337
Treatment Prob(F)	0.0001	0.0004

Crop Code
GLXMA, BSOY, Glycine max, = US
Rating Data Type
MOICON = moisture content
YIELD = yield
Rating Unit
BU = bushel
ARM Action Codes
TY3 = 8.066667*[6]*(100-@MVAVGREP([5]))/87

Means followed by same letter do not significantly differ (P=.20, LSD)
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.