

# University of Minnesota

## PRELIMINARY RESULTS

### 2016 SE MINNESOTA REGIONAL SOYBEAN GROWERS LATE MATURITY PERFORMANCE TRIAL

Trial ID:2016 LM SOYBEANS Location:ROCHES TER Trial Year:2016  
 Protocol ID:2016 LM SOYBEANS Investigator:Fritz Breitenbach  
 Crop:Soybean Study Director:LISA BEHNKEN  
 Project ID:2016 LM PERFORMANCE Sponsor Contact:

Rating Date	Oct-4-2016	Oct-11-2016
Rating Data Type	MOICON	YIELD
Entry Entry		
No. Name	5	6
1 ASGROW AG1935	12.25 d-i	74.9 def
2 ASGROW AG2035	12.29 b-i	78.5 a-f
3 BAYER CZ2474RY	12.72 a	64.1 g
4 CROPLAN R2C1950	12.32 b-h	81.7 ab
5 DAIRYLAND DSR-2110/R2Y	12.41 bcd	73.6 f
6 DAIRYLAND DSR-2330/R2Y	12.34 b-g	80.1 abc
7 GOLD COUNTRY 2114	12.22 f-i	77.7 b-f
8 LEGEND 20R524N	12.30 b-i	80.1 abc
9 LEGEND 21R635N	12.43 bc	75.7 c-f
10 MYCOGEN SEEDS 5N194R2	12.38 b-f	77.4 b-f
11 MYCOGEN SEEDS 5N206R2	12.46 b	74.7 ef
12 NK BRAND S20T6	11.99 j	83.2 a
13 NK BRAND S21M7	12.01 j	75.5 c-f
14 PIONEER BRAND 19T39R2	12.40 b-e	74.1 f
15 PIONEER BRAND 22T73	12.29 c-i	77.2 b-f
16 PRAIRIE BRAND PB-1956R2	12.25 d-i	77.8 b-f
17 PRAIRIE BRAND PB-2197R2	12.19 ghi	78.6 a-f
18 PRODUCERS HYBRIDS 1905NR2	12.27 c-i	83.4 a
19 PRODUCERS HYBRIDS 2204NR2	12.19 ghi	80.0 a-d
20 RENK RS195NR2	12.23 e-i	79.7 a-e
21 RENK RS213NR2	12.14 ij	76.8 b-f
22 STINE 19RF32	12.33 b-h	79.5 a-e
23 STINE 20RD20	12.16 hij	76.0 c-f
24 VIKING 2055R2N	12.34 b-g	79.9 a-d
25 VIKING 2330R2N	12.40 bcd	75.3 c-f
LSD P=.10	0.174	5.20
Standard Deviation	0.148	4.41
CV	1.2	5.7
Grand Mean	12.291	77.41
Replicate F	1.983	1.708
Replicate Prob(F)	0.1241	0.1731
Treatment F	4.008	3.067
Treatment Prob(F)	0.0001	0.0001

Rating Data Type  
MOICON = moisture content  
YIELD = yield

#### ARM Action Codes

Means followed by same letter or symbol do not significantly differ (P=.10, LSD)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Missing data estimates are included in columns:Yates=6

$$TY2 = (726/(5*[3]))*[4]*(100-[5])/87$$