

# University of Minnesota

## PRELIMINARY RESULTS

### 2016 SE MINNESOTA REGIONAL SOYBEAN GROWERS DICAMBA PERFORMANCE TRIAL

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

Rating Date Rating Data Type	Oct-4-2016 MOICON	Oct-4-2016 YIELD
Entr y Entry		
No. Name	5	6
1 ASGROW AG12X6	12.11 cd	72.8 b-e
2 ASGROW AG17X6	11.96 efg	64.4 f
3 ASGROW AG20X7	11.98 efg	70.3 cde
4 ASGROW AG21X7	11.93 fg	80.2 a
5 CROPLAN RX1466	12.05 c-f	68.4 ef
6 CROPLAN RX1836	12.04 c-g	73.3 bcd
7 DAHLMAN 6713XN	11.98 efg	71.4 cde
8 DAHLMAN 6717XN	12.03 c-g	70.8 cde
9 DAHLMAN 6721XN	11.96 efg	76.7 ab
10 GOLD COUNTRY 2026X	11.91 g	77.4 ab
11 PIONEER P19T55X	12.28 ab	74.2 bcd
12 PIONEER P21T89X	12.05 c-f	73.8 bcd
13 PIONEER P22T24X	12.32 a	73.4 bcd
14 PRODUCERS HYBRIDS 2115NRX	11.98 efg	71.8 cde
15 CROPLAN R2C1950	12.09 cde	80.8 a
16 ASGROW AG1733	11.94 fg	74.9 bc
17 PIONEER P15T46R2	12.16 bc	70.0 de
18 STINE 20RD20	12.01 d-g	74.8 bc
LSD P=.10	0.132	4.63
Standard Deviation	0.111	3.91
CV	0.93	5.33
Grand Mean	12.042	73.30
Replicate F	1.994	1.372
Replicate Prob(F)	0.1265	0.2624
Treatment F	4.197	4.231
Treatment Prob(F)	0.0001	0.0001

Rating Data Type  
MOICON = moisture content  
YIELD = yield  
ARM Action Codes  
TY2 = (726/(5\*[3]))\*[4]\*(100-[5])/87

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