

University of Minnesota

PRELIMINARY RESULTS

2016 SE MINNESOTA REGIONAL SOYBEAN GROWERS EARLY MATURITY PERFORMANCE TRIAL

Trial ID:2016 EM SOYBEANS
 Protocol ID:2016 EM SOYBEANS
 Crop:Soybean
 Project ID:2016 EM PERFORMANCE

Location:ROCHESTER
 Investigator:Fritz Breitenbach
 Study Director:LISA BEHNKEN
 Sponsor
 Contact:

Trial Year:2016

Rating Date			Oct-4-2016	
Rating Data Type	MOICON		YIELD	
Entry Entry				
No. Name	5		6	
1ASGROW AG1636	12.86	ab	76.1	b-f
2ASGROW AG1733	12.50	cd	75.4	c-f
3BAYER CZ1787RY	12.52	c	75.6	b-f
4CROPLAN R2C1572	12.55	c	77.9	a-d
5DAHLMAN 5215NRR2Y	12.64	bc	76.8	a-e
6DAIRYLAND DSR-1526/R2Y	12.53	c	75.4	c-f
7DAIRYLAND DSR-1870/R2Y	12.60	c	77.7	a-d
8GOLD COUNTRY 1814	12.54	c	79.7	abc
9LEGEND 13R700N	12.57	c	75.3	c-f
10LEGEND 17R654N	12.27	d	74.1	def
11MYCOGEN SEEDS 5N145R2	12.72	abc	72.3	ef
12MYCOGEN SEEDS 5N182R2	12.64	bc	75.0	c-f
13NK BRAND 13H5	12.65	bc	75.2	c-f
14NK BRAND S14A6	12.65	bc	79.7	abc
15PIONEER BRAND 15T46R2	12.65	bc	71.4	f
16PIONEER BRAND 18T26R2	12.59	c	75.7	b-f
17PRAIRIE BRAND PB-1376R2	12.69	abc	72.5	ef
18PRAIRIE BRAND PB-1787R2	12.48	cd	78.8	a-d
19RENK RS153NR2	12.59	c	81.0	a
20RENK RS175NR2	12.90	a	75.2	c-f
21STINE 14RD62	12.54	c	77.9	a-d
22STINE 17RF26	12.93	a	74.2	def
23VIKING 1522R2N	12.58	c	80.2	ab
24VIKING 1776R2N	12.54	c	77.3	a-d
LSD P=.10	0.248		4.72	
Standard Deviation	0.211		4.01	
CV	1.67		5.25	
Grand Mean	12.613		76.26	
Replicate F	1.639		10.200	
Replicate Prob(F)	0.1884		0.0001	
Treatment F	1.798		1.592	
Treatment Prob(F)	0.0324		0.0716	

Rating Data Type

MOICON = moisture content

YIELD = yield

ARM Action Codes

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

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.