

Texas Cooperative Extension

SOYBEAN DATE OF PLANTING STUDY-DECOSTA-2003

Trial ID: DECO03

Investigator: BESLER, BREWER, DROZD, JAKS, KLESE

Location:

Study Dir.: W.JAMES GRICHAR

Character Rated Rating Data Type Rating Unit Rating Date	POD HT FROM GRO INCH 6/23/2003	SOYBEAN YIELD LBS/A	SOYBEAN YIELD BU/A
Trt No.	Treatment Name		
1	S000192RR MARCH 21	2.87 e-j	1177.7 o-r
2	S000192RR APRIL 2	2.97 d-h	3129.7 a
3	S000192RR APRIL 17	3 c-h	1694 i-m
4	HBK4992 MARCH 21	2.33 h-m	403.3 v-y
5	HBK4992 APRIL 2	2.2 h-o	2287 c-g
6	HBK4992 APRIL 17	2.2 h-o	2097.3 f-i
7	DP4933RR MARCH 21	2.4 h-m	564.7 u-y
8	DP4933RR APRIL 2	2.4 h-m	1210 n-r
9	DP4933RR APRIL 17	2.67 f-l	
10	DP4446RR MARCH 21	1.47 no	1444 l-p
11	DP4446RR APRIL 2	2.07 j-o	1129.3 o-s
12	DP4446RR APRIL 17	2 k-o	2561 b-e
13	NK249R MARCH 21	2.13 i-o	322.7 wxy
14	NK249R APRIL 2	2.4 h-m	1694 i-m
15	NK249R APRIL 17	2.27 h-n	1694 i-m
16	S000473RR MARCH 21	2.87 e-j	968 q-u
17	S000473RR APRIL 2	3.27 c-g	3162.3 a
18	S000473RR APRIL 17	2.67 f-l	1774.7 h-l
19	DP4690RR MARCH 21	1.8 mno	162 y
20	DP4690RR APRIL 2	1.4 o	1452 l-p
21	DP4690RR APRIL 17	1.8 mno	2706.3 bc
22	NK248R MARCH 21	2.33 h-m	403.3 v-y
23	NK248R APRIL 2	2.07 j-o	1532.7 k-o
24	NK248R APRIL 17	2 k-o	1452 l-p

25 S000484RR MARCH 21	2.4 h-m	242 xy	4 xy
26 S000484RR APRIL 2	2.8 e-k	2339.3 c-g	39 c-g
27 S000484RR APRIL 17	2.07 j-o	2016.7 g-j	33.63 g-j
28 DP5110 MARCH 21	2.57 f-m	1210 n-r	20.2 n-r
29 DP5110 APRIL 2	2.87 e-j	2662 bcd	44.4 bcd
30 DP5110 APRIL 17	2.6 f-m	2178 e-h	36.3 e-h
31 S000592RR MARCH 21	2.93 d-i	968 q-u	16.13 q-u
32 S000592RR APRIL 2	3.33 c-f	2823.3 ab	47.07 ab
33 S000592RR APRIL 17	5.07 a	2662 bcd	44.33 bcd
34 S000604RR MARCH 21	3.67 bcd	1694 i-m	28.23 i-m
35 S000604RR APRIL 2	4.33 b	1936 g-k	32.3 g-k
36 S000604RR APRIL 17		2097.3 f-i	34.97 f-i
37 HBK5143RR MARCH 21	2.13 i-o	2016.7 g-j	33.6 g-j
38 HBK5143RR APRIL 2	2.07 j-o	1549 k-o	25.8 k-o
39 HBK5143RR APRIL 17	2.6 f-m	2016.7 g-j	33.6 g-j
40 HBK5101RR MARCH 21	2.6 f-m	1290.7 m-q	21.53 m-q
41 HBK5101RR APRIL 2	2.8 e-k	2178 e-h	36.3 e-h
42 HBK5101RR APRIL 17	2.27 h-n	2016.7 g-j	33.6 g-j
43 S000716 MARCH 21	1.93 l-o	1210 n-r	20.15 n-r
44 S000716 APRIL 2	2.4 h-m	2178 e-h	36.3 e-h
45 S000716 APRIL 17	2.13 i-o	2178 e-h	36.27 e-h
46 HBK4920 MARCH 21	2 k-o	322.7 wxy	5.37 wxy
47 HBK4920 APRIL 2	2 k-o	2266.7 d-g	37.8 d-g
48 HBK4920 APRIL 17	2 k-o	1694 i-m	28.23 i-m
49 NK452 MARCH 21	3.37 c-f	806.7 r-v	13.43 r-v
50 NK452 APRIL 2	3.73 bc	2646 bcd	44.13 bcd
51 NK452 APRIL 17	3.47 cde	3097.5 a	51.6 a
52 S0001068 MARCH 21	2.2 h-o	403.3 v-y	6.73 v-y
53 S0001068 APRIL 2	2.6 f-m	1129.3 o-s	18.83 o-s
54 S0001068 APRIL 17	2.73 e-l	1613.3 j-n	26.87 j-n

55 TR4718RR MARCH 21	2.27 h-n	645.3 t-x	10.73 t-x
56 TR4718RR APRIL 2	2.13 i-o	1048.7 p-t	17.47 p-t
57 TR4718RR APRIL 17	2.13 i-o	1371.3 l-q	22.87 l-q
58 TRX3P51RR MARCH 21	2.13 i-o	726 s-w	12.1 s-w
59 TRX3P51RR APRIL 2	2.47 g-m	1532.7 k-o	25.53 k-o
60 TRX3P51RR APRIL 17	2 k-o	2516.7 b-f	41.93 b-f
LSD (P=.10)	0.648	357.25	5.954
Standard Deviation	0.478	263.9	4.398
CV	19.02	16.17	16.17

Means followed by same letter do not significantly differ (P=.10, Duncan's New MRT)

(DECO03) AOV Means Table Page 2 of 2

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AOV For POD HT FROM GRO INCH Jun-23-03

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)
Total	176	100.221167			
Replicate	2	0.602815	0.301408	1.317	0.272
Treatment	58	73.067831	1.25979	5.504	0.0001
Error	116	26.550521	0.228884		

AOV For SOYBEAN YIELD LBS/A

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)
Total	174	116760286.4			
Replicate	2	136245.839	68122.91949	0.978	0.3791
Treatment	58	108684751.2	1873875.021	26.907	0.0001
Error	114	7939289.328	69642.88884		

AOV For SOYBEAN YIELD BU/A

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)
Total	174	32440.7759			
Replicate	2	37.312582	18.656291	0.964	0.3843
Treatment	58	30198.11808	520.657208	26.914	0.0001
Error	114	2205.345242	19.345134		