

# LSU Northeast Research Station

## SOYBEAN AND COTTON TOLERANCE TO PREPLANT BURNDOWN HERBICIDES

Trial ID: \_\_\_\_\_ Study Dir.: \_\_\_\_\_  
 Location: \_\_\_\_\_ Investigator: Donnie Miller

### SITE AND DESIGN

Plot Width, Unit: 6.67 FT Plot Length, Unit: 40 FT Reps: 4  
 Site Type: \_\_\_\_\_  
 Tillage Type: \_\_\_\_\_ Study Design: FACTORIAL

### Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.			

### APPLICATION DESCRIPTION

	A	B
Application Date:	11/Apr/2005	18/Apr/2005
Time of Day:	10:40 AM	3:40 PM
Application Method:	SPRAY	SPRAY
Application Timing:	EARPRE	EARPRE
Applic. Placement:	BROSOI	BROSOI
Air Temp., Unit:	74 F	83 F
% Relative Humidity:	75	34
Wind Velocity, Unit:	6 MPH	4.8 MPH
Dew Presence (Y/N):		
Water Hardness:		
Soil Temp., Unit:	68 F	82 F
Soil Moisture:	DRY	DRY
% Cloud Cover:	100	40

### WEED STAGE AT EACH APPLICATION

	A	B	C
Weed 1 Code, Stage:	N/A	N/A	N/A
Stage Scale:			
Density, Unit:			

### APPLICATION EQUIPMENT

	A	B
Appl. Equipment:	CO2 BCPCK	CO2 BCPCK
Operating Pressure:	38 PSI	38 PSI
Nozzle Type:	AI	AI
Nozzle Size:	11002	11002
Nozzle Spacing, Unit:	20 IN	20 IN
Nozzles/Row:	2	2
Band Width, Unit:		
Boom Length, Unit:		
Boom Height, Unit:		
Ground Speed, Unit:	3.2 MPH	3.2 MPH
Incorporation Equip.:		
Hours to Incorp.:		
Incorp. Depth, Unit:		
Carrier:	WATER	WATER
Spray Volume, Unit:	15 GPA	15 GPA
Spray pH:		
Propellant:		
Tank Mix (Y/N):		

# LSU Northeast Research Station

Trial ID:

Study Dir.:

Location:

Investigator: Donnie Miller

Crop Code		INJURY	INJURY	INJURY	CROP HTS	CROP HTS	CROP HTS
Rating Data Type		%	%	%	CM	CM	CM
Rating Unit							
Rating Date		16/May/2005	23/Jun/2005	31/May/2005	1/Jun/2005	1/Jun/2005	1/Jun/2005
Crop Stage							
Crop Stage Scale					4 LEAF	4 LEAF	4 LEAF
Trt-Eval Interval		7 DAE	14 DAE	21 DAE	51 DA-A	51 DA-A	51 DA-A
ARM Action Codes							
# Subsamples, Dec.							
Trt Treatment	Rate						
No. Name	Rate Unit	1	2	3	4	5	6
TABLE OF R MEANS							
Replicate 1		0	0	0	23	20	21
Replicate 2		0	0	0	19	19	20
Replicate 3		0	0	0	19	20	19
Replicate 4		0	0	0	18	19	30
TABLE OF A MEANS							
1 COSTARR	64 fl oz/a	0	0	0	18	19	19
2 LANDMASTER BW	64 fl oz/a	0	0	0	20	21	21
3 OUTLAW	28 fl oz/a	0	0	0	18	19	19
4 CLARITY	8 fl oz/a	0	0	0	18	20	20
5 NONTREATED		0	0	0	24	19	33
TABLE OF B MEANS							
1 14 DBP		0	0	0	19	20	21
2 21 DBP		0	0	0	21	20	24
TABLE OF C MEANS							
1 COTTON		0	0	0	18	16	17
2 SOYBEAN		0	0	0	21	23	28
TABLE OF AB MEANS							
1 COSTARR	64 fl oz/a	0	0	0	19	20	21
1 14 DBP							
2 LANDMASTER BW	64 fl oz/a	0	0	0	22	21	23
1 14 DBP							
3 OUTLAW	28 fl oz/a	0	0	0	17	19	18
1 14 DBP							
4 CLARITY	8 fl oz/a	0	0	0	18	19	21
1 14 DBP							
5 NONTREATED		0	0	0	18	20	22
1 14 DBP							
1 COSTARR	64 fl oz/a	0	0	0	18	19	17
2 21 DBP							
2 LANDMASTER BW	64 fl oz/a	0	0	0	19	21	20
2 21 DBP							
3 OUTLAW	28 fl oz/a	0	0	0	19	20	20
2 21 DBP							
4 CLARITY	8 fl oz/a	0	0	0	19	21	19
2 21 DBP							
5 NONTREATED		0	0	0	31	18	44
2 21 DBP							

## LSU Northeast Research Station

Crop Code						
Rating Data Type		INJURY	INJURY	INJURY	CROP HTS	CROP HTS
Rating Unit		%	%	%	CM	CM
Rating Date		16/May/2005	23/Jun/2005	31/May/2005	1/Jun/2005	1/Jun/2005
Crop Stage						
Crop Stage Scale					4 LEAF	4 LEAF
Trt-Eval Interval		7 DAE	14 DAE	21 DAE	51 DA-A	51 DA-A
ARM Action Codes						
# Subsamples, Dec.						
Trt Treatment	Rate					
No. Name	Rate Unit	1	2	3	4	5
						6
TABLE OF AC MEANS						
1 COSTARR	64 fl oz/a	0	0	0	14	15
1 COTTON						16
2 LANDMASTER BW	64 fl oz/a	0	0	0	17	19
1 COTTON						18
3 OUTLAW	28 fl oz/a	0	0	0	15	15
1 COTTON						17
4 CLARITY	8 fl oz/a	0	0	0	17	17
1 COTTON						17
5 NONTREATED		0	0	0	30	17
1 COTTON						18
1 COSTARR	64 fl oz/a	0	0	0	23	24
2 SOYBEAN						23
2 LANDMASTER BW	64 fl oz/a	0	0	0	23	23
2 SOYBEAN						25
3 OUTLAW	28 fl oz/a	0	0	0	21	24
2 SOYBEAN						21
4 CLARITY	8 fl oz/a	0	0	0	20	23
2 SOYBEAN						22
5 NONTREATED		0	0	0	19	22
2 SOYBEAN						48
TABLE OF BC MEANS						
1 14 DBP		0	0	0	16	16
1 COTTON						18
2 21 DBP		0	0	0	21	16
1 COTTON						17
1 14 DBP		0	0	0	21	23
2 SOYBEAN						24
2 21 DBP		0	0	0	21	23
2 SOYBEAN						32
TABLE OF ABC MEANS						
1 COSTARR	64 fl oz/a	0	0	0	17	15
1 14 DBP						18
1 COTTON						
2 LANDMASTER BW	64 fl oz/a	0	0	0	17	18
1 14 DBP						19
1 COTTON						
3 OUTLAW	28 fl oz/a	0	0	0	13	16
1 14 DBP						16
1 COTTON						
4 CLARITY	8 fl oz/a	0	0	0	17	16
1 14 DBP						18
1 COTTON						
5 NONTREATED		0	0	0	17	17
1 14 DBP						20
1 COTTON						

## LSU Northeast Research Station

Crop Code			INJURY	INJURY	INJURY	CROP HTS	CROP HTS	CROP HTS
Rating Data Type			%	%	%	CM	CM	CM
Rating Unit			16/May/2005	23/Jun/2005	31/May/2005	1/Jun/2005	1/Jun/2005	1/Jun/2005
Rating Date								
Crop Stage								
Crop Stage Scale						4 LEAF	4 LEAF	4 LEAF
Trt-Eval Interval			7 DAE	14 DAE	21 DAE	51 DA-A	51 DA-A	51 DA-A
ARM Action Codes								
# Subsamples, Dec.								
Trt No.	Treatment Name	Rate Unit	1	2	3	4	5	6
1	COSTARR	64 fl oz/a	0	0	0	10	14	14
2	21 DBP							
1	COTTON							
2	LANDMASTER BW	64 fl oz/a	0	0	0	17	20	17
2	21 DBP							
1	COTTON							
3	OUTLAW	28 fl oz/a	0	0	0	16	14	19
2	21 DBP							
1	COTTON							
4	CLARITY	8 fl oz/a	0	0	0	17	18	17
2	21 DBP							
1	COTTON							
5	NONTREATED		0	0	0	43	16	16
2	21 DBP							
1	COTTON							
1	COSTARR	64 fl oz/a	0	0	0	20	24	25
1	14 DBP							
2	SOYBEAN							
2	LANDMASTER BW	64 fl oz/a	0	0	0	26	23	27
1	14 DBP							
2	SOYBEAN							
3	OUTLAW	28 fl oz/a	0	0	0	21	22	21
1	14 DBP							
2	SOYBEAN							
4	CLARITY	8 fl oz/a	0	0	0	19	22	24
1	14 DBP							
2	SOYBEAN							
5	NONTREATED		0	0	0	20	24	24
1	14 DBP							
2	SOYBEAN							
1	COSTARR	64 fl oz/a	0	0	0	25	24	21
2	21 DBP							
2	SOYBEAN							
2	LANDMASTER BW	64 fl oz/a	0	0	0	21	22	23
2	21 DBP							
2	SOYBEAN							
3	OUTLAW	28 fl oz/a	0	0	0	22	25	22
2	21 DBP							
2	SOYBEAN							
4	CLARITY	8 fl oz/a	0	0	0	20	24	21
2	21 DBP							
2	SOYBEAN							
5	NONTREATED		0	0	0	19	20	73
2	21 DBP							
2	SOYBEAN							

# LSU Northeast Research Station

Trial ID: Study Dir.:  
 Location: Investigator: Donnie Miller

FACTORIAL/POOLED ERROR AOV For INJURY % 16/May/2005 7 DAE						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	0.000000				
R	3	0.000000	0.000000	0.000	0.0000	0
A	4	0.000000	0.000000	0.000	0.0000	0
B	1	0.000000	0.000000	0.000	0.0000	0
AB	4	0.000000	0.000000	0.000	0.0000	0
C	1	0.000000	0.000000	0.000	0.0000	0
AC	4	0.000000	0.000000	0.000	0.0000	0
BC	1	0.000000	0.000000	0.000	0.0000	0
ABC	4	0.000000	0.000000	0.000	0.0000	0
ERROR	57	0.000000	0.000000			

  

FACTORIAL/POOLED ERROR AOV For INJURY % 23/Jun/2005 14 DAE						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	0.000000				
R	3	0.000000	0.000000	0.000	0.0000	0
A	4	0.000000	0.000000	0.000	0.0000	0
B	1	0.000000	0.000000	0.000	0.0000	0
AB	4	0.000000	0.000000	0.000	0.0000	0
C	1	0.000000	0.000000	0.000	0.0000	0
AC	4	0.000000	0.000000	0.000	0.0000	0
BC	1	0.000000	0.000000	0.000	0.0000	0
ABC	4	0.000000	0.000000	0.000	0.0000	0
ERROR	57	0.000000	0.000000			

  

FACTORIAL/POOLED ERROR AOV For INJURY % 31/May/2005 21 DAE						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	0.000000				
R	3	0.000000	0.000000	0.000	0.0000	0
A	4	0.000000	0.000000	0.000	0.0000	0
B	1	0.000000	0.000000	0.000	0.0000	0
AB	4	0.000000	0.000000	0.000	0.0000	0
C	1	0.000000	0.000000	0.000	0.0000	0
AC	4	0.000000	0.000000	0.000	0.0000	0
BC	1	0.000000	0.000000	0.000	0.0000	0
ABC	4	0.000000	0.000000	0.000	0.0000	0
ERROR	57	0.000000	0.000000			

  

FACTORIAL/POOLED ERROR AOV For CROP HTS CM 1/Jun/2005 4 LEAF 51 DA-A						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	12974.200000				
R	3	340.100000	113.366667	0.680	0.5677	8
A	4	460.825000	115.206250	0.691	0.6009	9
B	1	101.250000	101.250000	0.608	0.4389	6
AB	4	564.875000	141.218750	0.848	0.5010	13
C	1	156.800000	156.800000	0.941	0.3361	6
AC	4	973.575000	243.393750	1.461	0.2261	13
BC	1	92.450000	92.450000	0.555	0.4594	8
ABC	4	786.925000	196.731250	1.181	0.3290	18
ERROR	57	9497.400000	166.621053			

1  
2  
/  
J  
a  
n  
/  
2  
C  
C  
E

(  
S  
J  
E  
I  
C  
E  
C  
3  
)

## LSU Northeast Research Station

FACTORIAL/POOLED ERROR AOV For CROP HTS CM 1/Jun/2005 4 LEAF 51 DA-A

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	1865.200000				
R	3	6.500000	2.166667	0.161	0.9219	2
A	4	29.450000	7.362500	0.548	0.7010	3
B	1	0.000000	0.000000	0.000	1.0000	2
AB	4	46.250000	11.562500	0.861	0.4930	4
C	1	871.200000	871.200000	64.871	0.0001	2
AC	4	91.800000	22.950000	1.709	0.1606	4
BC	1	0.200000	0.200000	0.015	0.9033	2
ABC	4	54.300000	13.575000	1.011	0.4096	5
ERROR	57	765.500000	13.429825			

FACTORIAL/POOLED ERROR AOV For CROP HTS CM 1/Jun/2005 4 LEAF 51 DA-A

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	45123.987500				
R	3	1382.737500	460.912500	0.812	0.4924	15
A	4	2256.925000	564.231250	0.994	0.4182	17
B	1	227.812500	227.812500	0.401	0.5289	11
AB	4	1952.875000	488.218750	0.860	0.4933	24
C	1	2300.512500	2300.512500	4.054	0.0488	11
AC	4	1938.675000	484.668750	0.854	0.4971	24
BC	1	427.812500	427.812500	0.754	0.3889	15
ABC	4	2291.125000	572.781250	1.009	0.4103	34
ERROR	57	32345.512500	567.465132			

## LSU Northeast Research Station

Crop Code		CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS
Rating Data Type		CM	CM	CM	CM	CM	CM
Rating Unit		1/Jun/2005	1/Jun/2005	1/Jun/2005	1/Jun/2005	1/Jun/2005	1/Jun/2005
Rating Date							
Crop Stage							
Crop Stage Scale		4 LEAF	4 LEAF	4 LEAF	4 LEAF	4 LEAF	4 LEAF
Trt-Eval Interval		51 DA-A	51 DA-A	51 DA-A	51 DA-A	51 DA-A	51 DA-A
ARM Action Codes							
# Subsamples, Dec.							
Trt Treatment	Rate						
No. Name	Unit	7	8	9	10	11	12
TABLE OF R MEANS							
Replicate 1		20	20	20	21	21	20
Replicate 2		20	20	21	20	20	20
Replicate 3		21	21	22	20	21	21
Replicate 4		19	19	19	19	19	18
TABLE OF A MEANS							
1 COSTARR	64 fl oz/a	19	19	20	20	19	19
2 LANDMASTER BW	64 fl oz/a	22	21	21	21	22	21
3 OUTLAW	28 fl oz/a	19	20	20	20	21	20
4 CLARITY	8 fl oz/a	20	19	21	19	20	19
5 NONTREATED		20	20	21	19	18	18
TABLE OF B MEANS							
1 14 DBP		20	20	20	20	20	20
2 21 DBP		20	19	21	20	20	20
TABLE OF C MEANS							
1 COTTON		17	17	18	17	17	18
2 SOYBEAN		23	22	23	23	23	22
TABLE OF AB MEANS							
1 COSTARR	64 fl oz/a	18	21	20	21	19	19
1 14 DBP							
2 LANDMASTER BW	64 fl oz/a	23	20	19	21	22	20
1 14 DBP							
3 OUTLAW	28 fl oz/a	17	20	19	20	21	21
1 14 DBP							
4 CLARITY	8 fl oz/a	20	20	20	20	20	20
1 14 DBP							
5 NONTREATED		22	21	22	20	20	19
1 14 DBP							
1 COSTARR	64 fl oz/a	19	17	20	20	19	19
2 21 DBP							
2 LANDMASTER BW	64 fl oz/a	22	23	22	21	22	23
2 21 DBP							
3 OUTLAW	28 fl oz/a	21	21	21	21	21	20
2 21 DBP							
4 CLARITY	8 fl oz/a	21	18	21	19	19	18
2 21 DBP							
5 NONTREATED		19	20	20	19	17	18
2 21 DBP							
TABLE OF AC MEANS							
1 COSTARR	64 fl oz/a	16	15	16	17	16	17
1 COTTON							

## LSU Northeast Research Station

Crop Code		CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS
Rating Data Type		CM	CM	CM	CM	CM	CM
Rating Unit		1/Jan/2005	1/Jan/2005	1/Jan/2005	1/Jan/2005	1/Jan/2005	1/Jan/2005
Rating Date							
Crop Stage							
Crop Stage Scale		4 LEAF	4 LEAF	4 LEAF	4 LEAF	4 LEAF	4 LEAF
Trt-Eval Interval		51 DA-A	51 DA-A	51 DA-A	51 DA-A	51 DA-A	51 DA-A
ARM Action Codes							
# Subsamples, Dec.							
Trt Treatment	Rate						
No. Name	Unit	7	8	9	10	11	12
2 LANDMASTER BW 1 COTTON	64 fl oz/a	19	18	17	18	19	18
3 OUTLAW 1 COTTON	28 fl oz/a	16	18	18	17	18	17
4 CLARITY 1 COTTON	8 fl oz/a	17	17	18	18	18	19
5 NONTREATED 1 COTTON		17	19	19	17	16	17
1 COSTARR 2 SOYBEAN	64 fl oz/a	21	23	24	24	23	22
2 LANDMASTER BW 2 SOYBEAN	64 fl oz/a	26	25	25	24	25	24
3 OUTLAW 2 SOYBEAN	28 fl oz/a	22	23	22	24	24	24
4 CLARITY 2 SOYBEAN	8 fl oz/a	24	20	24	21	21	20
5 NONTREATED 2 SOYBEAN		24	22	24	22	21	20
TABLE OF BC MEANS							
1 14 DBP 1 COTTON		17	17	18	17	18	17
2 21 DBP 1 COTTON		17	17	18	17	17	18
1 14 DBP 2 SOYBEAN		23	23	23	23	23	23
2 21 DBP 2 SOYBEAN		24	22	24	23	22	21
TABLE OF ABC MEANS							
1 COSTARR 1 14 DBP 1 COTTON	64 fl oz/a	17	17	16	18	16	16
2 LANDMASTER BW 1 14 DBP 1 COTTON	64 fl oz/a	20	16	17	18	19	17
3 OUTLAW 1 14 DBP 1 COTTON	28 fl oz/a	16	17	17	16	18	17
4 CLARITY 1 14 DBP 1 COTTON	8 fl oz/a	16	18	18	17	19	20
5 NONTREATED 1 14 DBP 1 COTTON		18	20	20	18	17	16
1 COSTARR 2 21 DBP 1 COTTON	64 fl oz/a	15	14	16	15	16	18

## LSU Northeast Research Station

Crop Code			CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS
Rating Data Type			CM	CM	CM	CM	CM	CM
Rating Unit			1/Jun/2005	1/Jun/2005	1/Jun/2005	1/Jun/2005	1/Jun/2005	1/Jun/2005
Rating Date								
Crop Stage								
Crop Stage Scale			4 LEAF	4 LEAF	4 LEAF	4 LEAF	4 LEAF	4 LEAF
Trt-Eval Interval			51 DA-A	51 DA-A	51 DA-A	51 DA-A	51 DA-A	51 DA-A
ARM Action Codes								
# Subsamples, Dec.								
Trt No.	Treatment Name	Rate Unit	7	8	9	10	11	12
2	LANDMASTER BW	64 fl oz/a	19	20	17	19	19	20
2	21 DBP							
1	COTTON							
3	OUTLAW	28 fl oz/a	17	19	19	18	18	17
2	21 DBP							
1	COTTON							
4	CLARITY	8 fl oz/a	17	17	18	18	18	18
2	21 DBP							
1	COTTON							
5	NONTREATED		15	18	18	16	15	17
2	21 DBP							
1	COTTON							
1	COSTARR	64 fl oz/a	20	24	24	24	23	23
1	14 DBP							
2	SOYBEAN							
2	LANDMASTER BW	64 fl oz/a	26	24	22	24	24	22
1	14 DBP							
2	SOYBEAN							
3	OUTLAW	28 fl oz/a	19	23	21	24	24	26
1	14 DBP							
2	SOYBEAN							
4	CLARITY	8 fl oz/a	24	23	23	22	22	21
1	14 DBP							
2	SOYBEAN							
5	NONTREATED		25	23	25	22	23	22
1	14 DBP							
2	SOYBEAN							
1	COSTARR	64 fl oz/a	23	21	23	25	23	21
2	21 DBP							
2	SOYBEAN							
2	LANDMASTER BW	64 fl oz/a	25	25	27	24	26	26
2	21 DBP							
2	SOYBEAN							
3	OUTLAW	28 fl oz/a	24	22	23	24	24	22
2	21 DBP							
2	SOYBEAN							
4	CLARITY	8 fl oz/a	24	18	25	21	21	19
2	21 DBP							
2	SOYBEAN							
5	NONTREATED		23	22	23	21	19	19
2	21 DBP							
2	SOYBEAN							

# LSU Northeast Research Station

Trial ID:

Study Dir.:

Location:

Investigator: Donnie Miller

FACTORIAL/POOLED ERROR AOV For CROP HTS CM 1/Jun/2005 4 LEAF 51 DA-A						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	1643.800000				
R	3	23.300000	7.766667	0.798	0.5001	2
A	4	145.925000	36.481250	3.749	0.0089	2
B	1	0.450000	0.450000	0.046	0.8305	1
AB	4	86.175000	21.543750	2.214	0.0788	3
C	1	781.250000	781.250000	80.280	0.0001	1
AC	4	14.625000	3.656250	0.376	0.8250	3
BC	1	12.800000	12.800000	1.315	0.2562	2
ABC	4	24.575000	6.143750	0.631	0.6422	4
ERROR	57	554.700000	9.731579			

  

FACTORIAL/POOLED ERROR AOV For CROP HTS CM 1/Jun/2005 4 LEAF 51 DA-A						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	1497.987500				
R	3	32.937500	10.979167	0.911	0.4417	2
A	4	70.175000	17.543750	1.455	0.2279	2
B	1	15.312500	15.312500	1.270	0.2645	2
AB	4	109.625000	27.406250	2.273	0.0725	3
C	1	505.012500	505.012500	41.882	0.0001	2
AC	4	49.925000	12.481250	1.035	0.3971	3
BC	1	10.512500	10.512500	0.872	0.3544	2
ABC	4	17.175000	4.293750	0.356	0.8387	5
ERROR	57	687.312500	12.058114			

  

FACTORIAL/POOLED ERROR AOV For CROP HTS CM 1/Jun/2005 4 LEAF 51 DA-A						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	1571.987500				
R	3	66.437500	22.145833	1.915	0.1375	2
A	4	19.675000	4.918750	0.425	0.7898	2
B	1	9.112500	9.112500	0.788	0.3785	2
AB	4	53.575000	13.393750	1.158	0.3390	3
C	1	690.312500	690.312500	59.680	0.0001	2
AC	4	45.125000	11.281250	0.975	0.4283	3
BC	1	5.512500	5.512500	0.477	0.4928	2
ABC	4	22.925000	5.731250	0.495	0.7391	5
ERROR	57	659.312500	11.566886			

  

FACTORIAL/POOLED ERROR AOV For CROP HTS CM 1/Jun/2005 4 LEAF 51 DA-A						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	1281.950000				
R	3	17.850000	5.950000	0.702	0.5548	2
A	4	36.950000	9.237500	1.090	0.3703	2
B	1	1.250000	1.250000	0.147	0.7024	1
AB	4	15.000000	3.750000	0.442	0.7774	3
C	1	661.250000	661.250000	78.011	0.0001	1
AC	4	41.250000	10.312500	1.217	0.3139	3
BC	1	0.450000	0.450000	0.053	0.8186	2
ABC	4	24.800000	6.200000	0.731	0.5743	4
ERROR	57	483.150000	8.476316			

1  
2  
/  
J  
a  
n  
/  
2  
C  
C  
E

(  
S  
J  
E  
I  
C  
5  
C  
3  
)

## LSU Northeast Research Station

FACTORIAL/POOLED ERROR AOV For CROP HTS CM 1/Jun/2005 4 LEAF 51 DA-A

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	1545.950000				
R	3	60.850000	20.283333	1.611	0.1969	2
A	4	117.950000	29.487500	2.342	0.0657	3
B	1	8.450000	8.450000	0.671	0.4161	2
AB	4	34.800000	8.700000	0.691	0.6012	4
C	1	561.800000	561.800000	44.621	0.0001	2
AC	4	34.950000	8.737500	0.694	0.5992	4
BC	1	0.000000	0.000000	0.000	1.0000	2
ABC	4	9.500000	2.375000	0.189	0.9434	5
ERROR	57	717.650000	12.590351			

FACTORIAL/POOLED ERROR AOV For CROP HTS CM 1/Jun/2005 4 LEAF 51 DA-A

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	1235.000000				
R	3	67.700000	22.566667	2.952	0.0402	2
A	4	81.250000	20.312500	2.657	0.0419	2
B	1	4.050000	4.050000	0.530	0.4697	1
AB	4	81.450000	20.362500	2.663	0.0416	3
C	1	405.000000	405.000000	52.972	0.0001	1
AC	4	104.750000	26.187500	3.425	0.0141	3
BC	1	22.050000	22.050000	2.884	0.0949	2
ABC	4	32.950000	8.237500	1.077	0.3762	4
ERROR	57	435.800000	7.645614			

## LSU Northeast Research Station

Crop Code		CROP HTS	AVG HTS	CROP CTS	CROP CTS	AVG CTS	CROP HTS
Rating Data Type		CM	CM				CM
Rating Unit		1/Jun/2005	1/Jun/2005	1/Jun/2005	1/Jun/2005	1/Jun/2005	15/Jun/2005
Rating Date							
Crop Stage							11 LF
Crop Stage Scale		4 LEAF		4 LF	4 LF		
Trt-Eval Interval		51 DA-A	51 DA-A	ROW 1	ROW 2	51 DA-A	44 DAP
ARM Action Codes			T1			T2	
# Subsamples, Dec.			1			0	
Trt Treatment	Rate						
No. Name	Unit	13	14	15	16	17	18
TABLE OF R MEANS							
Replicate 1		19	20.5	207	204	205	43
Replicate 2		20	19.9	193	214	203	44
Replicate 3		19	20.2	192	206	199	45
Replicate 4		20	20.1	188	192	190	44
TABLE OF A MEANS							
1 COSTARR	64 fl oz/a	20	19.3	185	193	189	46
2 LANDMASTER BW	64 fl oz/a	19	21.0	211	211	211	44
3 OUTLAW	28 fl oz/a	20	19.7	188	193	191	44
4 CLARITY	8 fl oz/a	20	19.6	207	216	212	44
5 NONTREATED		18	21.2	183	206	195	40
TABLE OF B MEANS							
1 14 DBP		20	20.0	199	207	203	44
2 21 DBP		19	20.3	190	200	195	44
TABLE OF C MEANS							
1 COTTON		17	17.3	144	147	146	39
2 SOYBEAN		22	23.1	246	261	253	49
TABLE OF AB MEANS							
1 COSTARR	64 fl oz/a	21	19.9	176	188	182	45
1 14 DBP							
2 LANDMASTER BW	64 fl oz/a	19	20.8	193	197	195	42
1 14 DBP							
3 OUTLAW	28 fl oz/a	21	19.3	203	203	203	46
1 14 DBP							
4 CLARITY	8 fl oz/a	20	19.8	211	214	212	45
1 14 DBP							
5 NONTREATED		20	20.4	214	235	225	41
1 14 DBP							
1 COSTARR	64 fl oz/a	19	18.7	194	199	196	47
2 21 DBP							
2 LANDMASTER BW	64 fl oz/a	20	21.3	228	225	227	46
2 21 DBP							
3 OUTLAW	28 fl oz/a	20	20.2	174	183	178	42
2 21 DBP							
4 CLARITY	8 fl oz/a	21	19.5	204	219	212	43
2 21 DBP							
5 NONTREATED		16	22.0	152	176	164	40
2 21 DBP							
TABLE OF AC MEANS							
1 COSTARR	64 fl oz/a	18	15.8	140	140	140	40
1 COTTON							

## LSU Northeast Research Station

Crop Code			CROP HTS	AVG HTS	CROP CTS	CROP CTS	AVG CTS	CROP HTS
Rating Data Type			CM	CM				CM
Rating Unit			1/Jun/2005	1/Jun/2005	1/Jun/2005	1/Jun/2005	1/Jun/2005	15/Jun/2005
Rating Date								
Crop Stage								11 LF
Crop Stage Scale			4 LEAF		4 LF	4 LF		
Trt-Eval Interval			51 DA-A	51 DA-A	ROW 1	ROW 2	51 DA-A	44 DAP
ARM Action Codes				T1			T2	
# Subsamples, Dec.				1			0	
Trt No.	Treatment Name	Rate Unit	13	14	15	16	17	18
2	LANDMASTER BW	64 fl oz/a	16	18.0	148	150	149	41
1	COTTON							
3	OUTLAW	28 fl oz/a	18	16.8	144	154	149	39
1	COTTON							
4	CLARITY	8 fl oz/a	18	17.5	140	136	138	38
1	COTTON							
5	NONTREATED		15	18.3	150	156	153	37
1	COTTON							
1	COSTARR	64 fl oz/a	23	22.8	230	247	238	52
2	SOYBEAN							
2	LANDMASTER BW	64 fl oz/a	23	24.1	274	271	272	48
2	SOYBEAN							
3	OUTLAW	28 fl oz/a	23	22.7	233	233	233	49
2	SOYBEAN							
4	CLARITY	8 fl oz/a	23	21.8	275	297	286	50
2	SOYBEAN							
5	NONTREATED		20	24.1	216	256	236	44
2	SOYBEAN							
TABLE OF BC MEANS								
1	14 DBP		17	17.2	142	144	143	41
1	COTTON							
2	21 DBP		16	17.3	147	150	148	37
1	COTTON							
1	14 DBP		23	22.8	257	271	264	47
2	SOYBEAN							
2	21 DBP		22	23.4	234	251	243	50
2	SOYBEAN							
TABLE OF ABC MEANS								
1	COSTARR	64 fl oz/a	20	17.0	128	123	126	42
1	14 DBP							
1	COTTON							
2	LANDMASTER BW	64 fl oz/a	16	17.6	144	151	147	41
1	14 DBP							
1	COTTON							
3	OUTLAW	28 fl oz/a	18	16.2	146	152	149	43
1	14 DBP							
1	COTTON							
4	CLARITY	8 fl oz/a	17	17.5	140	130	135	41
1	14 DBP							
1	COTTON							
5	NONTREATED		16	17.8	152	165	158	36
1	14 DBP							
1	COTTON							
1	COSTARR	64 fl oz/a	15	14.6	152	157	154	39
2	21 DBP							
1	COTTON							

## LSU Northeast Research Station

Crop Code			CROP HTS	AVG HTS	CROP CTS	CROP CTS	AVG CTS	CROP HTS
Rating Data Type			CM	CM				CM
Rating Unit			1/Jun/2005	1/Jun/2005	1/Jun/2005	1/Jun/2005	1/Jun/2005	15/Jun/2005
Rating Date								11 LF
Crop Stage			4 LEAF	51 DA-A	4 LF	4 LF	51 DA-A	44 DAP
Crop Stage Scale			51 DA-A	51 DA-A	ROW 1	ROW 2	51 DA-A	
Trt-Eval Interval								
ARM Action Codes				T1			T2	
# Subsamples, Dec.				1			0	
Trt No.	Treatment Name	Rate Unit	13	14	15	16	17	18
2	LANDMASTER BW	64 fl oz/a	17	18.5	152	150	151	41
2	21 DBP							
1	COTTON							
3	OUTLAW	28 fl oz/a	18	17.4	142	156	149	34
2	21 DBP							
1	COTTON							
4	CLARITY	8 fl oz/a	18	17.5	139	142	140	36
2	21 DBP							
1	COTTON							
5	NONTREATED		14	18.8	149	147	148	37
2	21 DBP							
1	COTTON							
1	COSTARR	64 fl oz/a	23	22.9	224	252	238	49
1	14 DBP							
2	SOYBEAN							
2	LANDMASTER BW	64 fl oz/a	22	24.0	243	242	242	43
1	14 DBP							
2	SOYBEAN							
3	OUTLAW	28 fl oz/a	23	22.4	260	255	257	49
1	14 DBP							
2	SOYBEAN							
4	CLARITY	8 fl oz/a	22	22.0	281	298	289	50
1	14 DBP							
2	SOYBEAN							
5	NONTREATED		23	22.9	277	306	292	45
1	14 DBP							
2	SOYBEAN							
1	COSTARR	64 fl oz/a	23	22.8	236	242	239	56
2	21 DBP							
2	SOYBEAN							
2	LANDMASTER BW	64 fl oz/a	23	24.2	305	300	303	52
2	21 DBP							
2	SOYBEAN							
3	OUTLAW	28 fl oz/a	22	23.0	205	211	208	50
2	21 DBP							
2	SOYBEAN							
4	CLARITY	8 fl oz/a	24	21.6	270	296	283	51
2	21 DBP							
2	SOYBEAN							
5	NONTREATED		17	25.3	156	206	181	43
2	21 DBP							
2	SOYBEAN							

# LSU Northeast Research Station

Trial ID: Study Dir.:  
 Location: Investigator: Donnie Miller

FACTORIAL/POOLED ERROR AOV For CROP HTS CM 1/Jun/2005 4 LEAF 51 DA-A						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	1551.687500				
R	3	15.937500	5.312500	0.419	0.7403	2
A	4	88.375000	22.093750	1.741	0.1536	3
B	1	19.012500	19.012500	1.498	0.2260	2
AB	4	84.425000	21.106250	1.663	0.1711	4
C	1	567.112500	567.112500	44.691	0.0001	2
AC	4	4.325000	1.081250	0.085	0.9867	4
BC	1	0.312500	0.312500	0.025	0.8759	2
ABC	4	48.875000	12.218750	0.963	0.4350	5
ERROR	57	723.312500	12.689693			

  

FACTORIAL/POOLED ERROR AOV For AVG HTS CM 1/Jun/2005 51 DA-A T1 1						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	1339.390343				
R	3	3.746999	1.249000	0.126	0.9443	2.0
A	4	48.881290	12.220322	1.233	0.3070	2.2
B	1	2.112500	2.112500	0.213	0.6460	1.4
AB	4	19.556266	4.889066	0.493	0.7406	3.1
C	1	676.284713	676.284713	68.253	0.0001	1.4
AC	4	15.896743	3.974186	0.401	0.8071	3.1
BC	1	0.882005	0.882005	0.089	0.7665	2.0
ABC	4	7.241737	1.810434	0.183	0.9465	4.5
ERROR	57	564.788092	9.908563			

  

FACTORIAL/POOLED ERROR AOV For CROP CTS 1/Jun/2005 4 LF ROW 1						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	432910.887500				
R	3	4085.437500	1361.812500	0.503	0.6818	33
A	4	11010.325000	2752.581250	1.017	0.4066	37
B	1	1611.012500	1611.012500	0.595	0.4437	23
AB	4	23719.175000	5929.793750	2.190	0.0815	52
C	1	204930.012500	204930.012500	75.689	0.0001	23
AC	4	13410.675000	3352.668750	1.238	0.3050	52
BC	1	3631.512500	3631.512500	1.341	0.2516	33
ABC	4	16183.925000	4045.981250	1.494	0.2160	74
ERROR	57	154328.812500	2707.523026			

  

FACTORIAL/POOLED ERROR AOV For CROP CTS 1/Jun/2005 4 LF ROW 2						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	479353.487500				
R	3	4615.837500	1538.612500	0.544	0.6542	34
A	4	6926.800000	1731.700000	0.612	0.6555	38
B	1	973.012500	973.012500	0.344	0.5598	24
AB	4	18373.300000	4593.325000	1.624	0.1807	53
C	1	257758.512500	257758.512500	91.130	0.0001	24
AC	4	14807.300000	3701.825000	1.309	0.2777	53
BC	1	3367.012500	3367.012500	1.190	0.2798	34
ABC	4	11308.800000	2827.200000	1.000	0.4154	75
ERROR	57	161222.912500	2828.472149			

1  
2  
/  
J  
a  
n  
/  
2  
C  
C  
E

(  
S  
J  
E  
I  
C  
E  
C  
3  
)

## LSU Northeast Research Station

FACTORIAL/POOLED ERROR AOV For AVG CTS 1/Jun/2005 51 DA-A T2 0						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	436005.887500				
R	3	2596.362500	865.454167	0.343	0.7940	32
A	4	7809.325000	1952.331250	0.775	0.5462	35
B	1	1272.012500	1272.012500	0.505	0.4803	22
AB	4	20772.362500	5193.090625	2.061	0.0979	50
C	1	230587.812500	230587.812500	91.508	0.0001	22
AC	4	12667.812500	3166.953125	1.257	0.2976	50
BC	1	3498.012500	3498.012500	1.388	0.2436	32
ABC	4	13170.050000	3292.512500	1.307	0.2785	71
ERROR	57	143632.137500	2519.862061			

  

FACTORIAL/POOLED ERROR AOV For CROP HTS CM 15/Jun/2005 11 LF 44 DAP						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	5157.387500				
R	3	13.837500	4.612500	0.110	0.9537	4
A	4	287.825000	71.956250	1.721	0.1579	5
B	1	0.012500	0.012500	0.000	0.9863	3
AB	4	166.175000	41.543750	0.994	0.4185	6
C	1	1872.112500	1872.112500	44.782	0.0001	3
AC	4	105.075000	26.268750	0.628	0.6442	6
BC	1	195.312500	195.312500	4.672	0.0349	4
ABC	4	134.125000	33.531250	0.802	0.5289	9
ERROR	57	2382.912500	41.805482			

Column 14: T1 = @AVG([C4].[C13])  
Column 17: T2 = ([C15]+[C16])/2

## LSU Northeast Research Station

Crop Code		CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS
Rating Data Type		CM	CM	CM	CM	CM	CM
Rating Unit		15/Jun/2005	15/Jun/2005	15/Jun/2005	15/Jun/2005	15/Jun/2005	15/Jun/2005
Rating Date		11 LF	11 LF	11 LF	11 LF	11 LF	11 LF
Crop Stage							
Crop Stage Scale							
Trt-Eval Interval		44 DAP	44 DAP	44 DAP	44 DAP	44 DAP	44 DAP
ARM Action Codes							
# Subsamples, Dec.							
Trt Treatment	Rate						
No. Name	Rate Unit	19	20	21	22	23	24
TABLE OF R MEANS							
Replicate 1		44	47	44	45	45	46
Replicate 2		42	44	43	44	42	44
Replicate 3		46	42	44	47	47	47
Replicate 4		44	47	43	42	41	44
TABLE OF A MEANS							
1 COSTARR	64 fl oz/a	44	47	42	45	44	44
2 LANDMASTER BW	64 fl oz/a	45	45	45	50	47	47
3 OUTLAW	28 fl oz/a	47	46	45	45	44	47
4 CLARITY	8 fl oz/a	43	43	41	42	44	45
5 NONTREATED		43	44	43	42	42	43
TABLE OF B MEANS							
1 14 DBP		44	45	44	44	45	45
2 21 DBP		44	45	43	45	43	45
TABLE OF C MEANS							
1 COTTON		39	40	39	39	39	40
2 SOYBEAN		50	50	48	50	49	51
TABLE OF AB MEANS							
1 COSTARR	64 fl oz/a	47	46	44	42	45	44
1 14 DBP							
2 LANDMASTER BW	64 fl oz/a	41	43	45	48	45	43
1 14 DBP							
3 OUTLAW	28 fl oz/a	47	48	46	45	45	46
1 14 DBP							
4 CLARITY	8 fl oz/a	45	45	42	42	48	45
1 14 DBP							
5 NONTREATED		42	45	44	45	43	45
1 14 DBP							
1 COSTARR	64 fl oz/a	41	47	41	47	43	43
2 21 DBP							
2 LANDMASTER BW	64 fl oz/a	48	47	45	52	49	50
2 21 DBP							
3 OUTLAW	28 fl oz/a	47	44	45	44	42	47
2 21 DBP							
4 CLARITY	8 fl oz/a	42	41	40	43	40	46
2 21 DBP							
5 NONTREATED		43	44	42	39	40	42
2 21 DBP							
TABLE OF AC MEANS							
1 COSTARR	64 fl oz/a	39	42	38	38	38	37
1 COTTON							

## LSU Northeast Research Station

Crop Code			CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS
Rating Data Type			CM	CM	CM	CM	CM	CM
Rating Unit			15/Jun/2005	15/Jun/2005	15/Jun/2005	15/Jun/2005	15/Jun/2005	15/Jun/2005
Crop Stage			11 LF	11 LF	11 LF	11 LF	11 LF	11 LF
Crop Stage Scale								
Trt-Eval Interval			44 DAP	44 DAP	44 DAP	44 DAP	44 DAP	44 DAP
ARM Action Codes								
# Subsamples, Dec.								
Trt No.	Treatment Name	Rate Unit	19	20	21	22	23	24
2	LANDMASTER BW	64 fl oz/a	39	40	40	46	42	42
1	COTTON							
3	OUTLAW	28 fl oz/a	43	43	39	37	40	41
1	COTTON							
4	CLARITY	8 fl oz/a	36	36	36	37	37	40
1	COTTON							
5	NONTREATED		38	38	40	37	38	38
1	COTTON							
1	COSTARR	64 fl oz/a	49	52	47	51	50	50
2	SOYBEAN							
2	LANDMASTER BW	64 fl oz/a	51	50	51	53	52	51
2	SOYBEAN							
3	OUTLAW	28 fl oz/a	51	50	51	53	48	53
2	SOYBEAN							
4	CLARITY	8 fl oz/a	51	49	47	47	50	50
2	SOYBEAN							
5	NONTREATED		48	50	45	48	45	49
2	SOYBEAN							
TABLE OF BC MEANS								
1	14 DBP		40	40	39	38	40	39
1	COTTON							
2	21 DBP		38	40	38	40	38	40
1	COTTON							
1	14 DBP		49	50	49	51	50	51
2	SOYBEAN							
2	21 DBP		51	50	47	50	48	51
2	SOYBEAN							
TABLE OF ABC MEANS								
1	COSTARR	64 fl oz/a	43	40	40	34	39	39
1	14 DBP							
1	COTTON							
2	LANDMASTER BW	64 fl oz/a	37	36	38	45	41	40
1	14 DBP							
1	COTTON							
3	OUTLAW	28 fl oz/a	43	46	41	37	41	37
1	14 DBP							
1	COTTON							
4	CLARITY	8 fl oz/a	37	40	35	37	40	40
1	14 DBP							
1	COTTON							
5	NONTREATED		39	39	42	38	40	39
1	14 DBP							
1	COTTON							
1	COSTARR	64 fl oz/a	34	43	36	42	38	35
2	21 DBP							
1	COTTON							

## LSU Northeast Research Station

Crop Code			CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS	CROP HTS
Rating Data Type			CM	CM	CM	CM	CM	CM
Rating Unit			15/Jun/2005	15/Jun/2005	15/Jun/2005	15/Jun/2005	15/Jun/2005	15/Jun/2005
Crop Stage			11 LF	11 LF	11 LF	11 LF	11 LF	11 LF
Crop Stage Scale								
Trt-Eval Interval			44 DAP	44 DAP	44 DAP	44 DAP	44 DAP	44 DAP
ARM Action Codes								
# Subsamples, Dec.								
Trt No.	Treatment Name	Rate Unit	19	20	21	22	23	24
2	LANDMASTER BW	64 fl oz/a	41	45	41	48	43	45
2	21 DBP							
1	COTTON							
3	OUTLAW	28 fl oz/a	42	40	38	37	38	44
2	21 DBP							
1	COTTON							
4	CLARITY	8 fl oz/a	35	33	37	37	35	41
2	21 DBP							
1	COTTON							
5	NONTREATED		36	38	39	35	36	36
2	21 DBP							
1	COTTON							
1	COSTARR	64 fl oz/a	51	52	48	50	50	50
1	14 DBP							
2	SOYBEAN							
2	LANDMASTER BW	64 fl oz/a	46	50	52	51	49	47
1	14 DBP							
2	SOYBEAN							
3	OUTLAW	28 fl oz/a	50	50	50	54	50	56
1	14 DBP							
2	SOYBEAN							
4	CLARITY	8 fl oz/a	53	49	49	47	55	51
1	14 DBP							
2	SOYBEAN							
5	NONTREATED		45	51	46	52	46	51
1	14 DBP							
2	SOYBEAN							
1	COSTARR	64 fl oz/a	47	51	46	52	49	51
2	21 DBP							
2	SOYBEAN							
2	LANDMASTER BW	64 fl oz/a	56	50	49	56	55	55
2	21 DBP							
2	SOYBEAN							
3	OUTLAW	28 fl oz/a	52	49	53	51	46	50
2	21 DBP							
2	SOYBEAN							
4	CLARITY	8 fl oz/a	49	50	44	48	45	50
2	21 DBP							
2	SOYBEAN							
5	NONTREATED		50	49	45	43	45	47
2	21 DBP							
2	SOYBEAN							

# LSU Northeast Research Station

Trial ID: Study Dir.:  
 Location: Investigator: Donnie Miller

FACTORIAL/POOLED ERROR AOV For CROP HTS CM 15/Jun/2005 11 LF 44 DAP						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	6348.487500				
R	3	152.737500	50.912500	1.007	0.3963	4
A	4	171.925000	42.981250	0.850	0.4993	5
B	1	1.512500	1.512500	0.030	0.8633	3
AB	4	418.925000	104.731250	2.072	0.0964	7
C	1	2497.612500	2497.612500	49.415	0.0001	3
AC	4	78.325000	19.581250	0.387	0.8168	7
BC	1	82.012500	82.012500	1.623	0.2079	4
ABC	4	64.425000	16.106250	0.319	0.8643	10
ERROR	57	2881.012500	50.544079			

  

FACTORIAL/POOLED ERROR AOV For CROP HTS CM 15/Jun/2005 11 LF 44 DAP						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	5030.687500				
R	3	387.137500	129.045833	3.791	0.0150	4
A	4	159.625000	39.906250	1.172	0.3326	4
B	1	5.512500	5.512500	0.162	0.6889	3
AB	4	174.675000	43.668750	1.283	0.2874	6
C	1	2091.012500	2091.012500	61.433	0.0001	3
AC	4	91.425000	22.856250	0.672	0.6144	6
BC	1	0.012500	0.012500	0.000	0.9848	4
ABC	4	181.175000	45.293750	1.331	0.2696	8
ERROR	57	1940.112500	34.037061			

  

FACTORIAL/POOLED ERROR AOV For CROP HTS CM 15/Jun/2005 11 LF 44 DAP						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	5381.187500				
R	3	19.837500	6.612500	0.126	0.9442	5
A	4	204.625000	51.156250	0.976	0.4279	5
B	1	37.812500	37.812500	0.721	0.3993	3
AB	4	19.875000	4.968750	0.095	0.9837	7
C	1	1852.812500	1852.812500	35.346	0.0001	3
AC	4	129.625000	32.406250	0.618	0.6513	7
BC	1	2.812500	2.812500	0.054	0.8177	5
ABC	4	125.875000	31.468750	0.600	0.6639	10
ERROR	57	2987.912500	52.419518			

  

FACTORIAL/POOLED ERROR AOV For CROP HTS CM 15/Jun/2005 11 LF 44 DAP						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	6888.987500				
R	3	261.137500	87.045833	1.790	0.1594	4
A	4	631.175000	157.793750	3.244	0.0182	5
B	1	5.512500	5.512500	0.113	0.7376	3
AB	4	294.175000	73.543750	1.512	0.2109	7
C	1	2656.512500	2656.512500	54.613	0.0001	3
AC	4	184.425000	46.106250	0.948	0.4432	7
BC	1	32.512500	32.512500	0.668	0.4170	4
ABC	4	50.925000	12.731250	0.262	0.9013	10
ERROR	57	2772.612500	48.642325			

1  
2  
/  
J  
a  
n  
/  
2  
C  
C  
E

(  
S  
J  
E  
I  
C  
5  
C  
3  
)

## LSU Northeast Research Station

FACTORIAL/POOLED ERROR AOV For CROP HTS CM 15/Jun/2005 11 LF 44 DAP

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	6952.750000				
R	3	459.350000	153.116667	2.262	0.0909	5
A	4	217.125000	54.281250	0.802	0.5289	6
B	1	115.200000	115.200000	1.702	0.1972	4
AB	4	274.925000	68.731250	1.016	0.4071	8
C	1	1920.800000	1920.800000	28.381	0.0001	4
AC	4	63.575000	15.893750	0.235	0.9176	8
BC	1	0.050000	0.050000	0.001	0.9784	5
ABC	4	44.075000	11.018750	0.163	0.9563	12
ERROR	57	3857.650000	67.678070			

FACTORIAL/POOLED ERROR AOV For CROP HTS CM 15/Jun/2005 11 LF 44 DAP

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	5926.687500				
R	3	118.637500	39.545833	0.821	0.4877	4
A	4	152.875000	38.218750	0.793	0.5343	5
B	1	6.612500	6.612500	0.137	0.7124	3
AB	4	214.325000	53.581250	1.112	0.3597	7
C	1	2409.012500	2409.012500	50.012	0.0001	3
AC	4	60.925000	15.231250	0.316	0.8660	7
BC	1	9.112500	9.112500	0.189	0.6652	4
ABC	4	209.575000	52.393750	1.088	0.3713	10
ERROR	57	2745.612500	48.168640			

## LSU Northeast Research Station

Crop Code		CROP HTS	CROP HTS	CROP HTS	AVG HTS	both	GOSHI
Rating Data Type		CM	CM	CM	CM	1ST YIELD	2ND YIELD
Rating Unit		15/Jun/2005	15/Jun/2005	15/Jun/2005	15/Jun/2005	LBS	LBS
Rating Date		11 LF	11 LF	11 LF		14/Sep/2005	10/Oct/2005
Crop Stage							
Crop Stage Scale							
Trt-Eval Interval		44 DAP	44 DAP	44 DAP	65 DA-A	156 DA-A	182 DA-A
ARM Action Codes					T3		
# Subsamples, Dec.					1		
Trt Treatment	Rate						
No. Name	Rate Unit	25	26	27	28	29	30
TABLE OF R MEANS							
Replicate 1		46	46	45	45.2	12	1
Replicate 2		42	41	41	42.6	11	2
Replicate 3		45	45	43	45.1	13	2
Replicate 4		45	45	41	43.6	13	2
TABLE OF A MEANS							
1 COSTARR	64 fl oz/a	44	42	42	43.9	12	2
2 LANDMASTER BW	64 fl oz/a	46	46	43	45.7	13	2
3 OUTLAW	28 fl oz/a	45	47	45	45.4	12	2
4 CLARITY	8 fl oz/a	46	43	42	43.3	12	2
5 NONTREATED		43	43	41	42.4	12	2
TABLE OF B MEANS							
1 14 DBP		45	43	42	44.2	12	2
2 21 DBP		45	45	43	44.0	12	2
TABLE OF C MEANS							
1 COTTON		39	39	39	39.0	8	2
2 SOYBEAN		50	49	47	49.3	16	.
TABLE OF AB MEANS							
1 COSTARR	64 fl oz/a	44	39	38	43.5	12	2
1 14 DBP							
2 LANDMASTER BW	64 fl oz/a	43	43	44	43.7	13	2
1 14 DBP							
3 OUTLAW	28 fl oz/a	44	48	45	45.9	12	2
1 14 DBP							
4 CLARITY	8 fl oz/a	47	43	43	44.4	12	2
1 14 DBP							
5 NONTREATED		45	45	43	43.7	14	2
1 14 DBP							
1 COSTARR	64 fl oz/a	44	44	46	44.3	12	2
2 21 DBP							
2 LANDMASTER BW	64 fl oz/a	49	49	42	47.7	13	2
2 21 DBP							
3 OUTLAW	28 fl oz/a	46	46	46	44.9	11	2
2 21 DBP							
4 CLARITY	8 fl oz/a	44	43	41	42.2	12	2
2 21 DBP							
5 NONTREATED		40	42	40	41.1	11	2
2 21 DBP							
TABLE OF AC MEANS							
1 COSTARR	64 fl oz/a	38	34	37	38.1	8	2
1 COTTON							

## LSU Northeast Research Station

Crop Code			CROP HTS	CROP HTS	CROP HTS	AVG HTS	both	GOSHI
Rating Data Type			CM	CM	CM	CM	1ST YIELD	2ND YIELD
Rating Unit			15/Jun/2005	15/Jun/2005	15/Jun/2005	15/Jun/2005	LBS	LBS
Rating Date							14/Sep/2005	10/Oct/2005
Crop Stage			11 LF	11 LF	11 LF			
Crop Stage Scale								
Trt-Eval Interval			44 DAP	44 DAP	44 DAP	65 DA-A	156 DA-A	182 DA-A
ARM Action Codes						T3		
# Subsamples, Dec.						1		
Trt No.	Treatment Name	Rate Unit	25	26	27	28	29	30
2	LANDMASTER BW	64 fl oz/a	41	44	40	41.4	9	2
1	COTTON							
3	OUTLAW	28 fl oz/a	38	41	40	39.9	8	2
1	COTTON							
4	CLARITY	8 fl oz/a	39	38	39	37.7	8	2
1	COTTON							
5	NONTREATED		39	38	37	37.9	9	2
1	COTTON							
1	COSTARR	64 fl oz/a	50	49	46	49.6	15	.
2	SOYBEAN							
2	LANDMASTER BW	64 fl oz/a	51	48	47	49.9	17	.
2	SOYBEAN							
3	OUTLAW	28 fl oz/a	52	52	51	50.9	15	.
2	SOYBEAN							
4	CLARITY	8 fl oz/a	52	48	45	48.9	17	.
2	SOYBEAN							
5	NONTREATED		47	49	45	46.9	16	.
2	SOYBEAN							
TABLE OF BC MEANS								
1	14 DBP		40	38	38	39.2	9	2
1	COTTON							
2	21 DBP		38	41	39	38.8	8	2
1	COTTON							
1	14 DBP		50	49	47	49.3	16	.
2	SOYBEAN							
2	21 DBP		51	49	46	49.2	16	.
2	SOYBEAN							
TABLE OF ABC MEANS								
1	COSTARR	64 fl oz/a	39	31	35	38.1	8	2
1	14 DBP							
1	COTTON							
2	LANDMASTER BW	64 fl oz/a	39	38	42	39.6	9	2
1	14 DBP							
1	COTTON							
3	OUTLAW	28 fl oz/a	36	43	39	40.6	9	2
1	14 DBP							
1	COTTON							
4	CLARITY	8 fl oz/a	39	36	36	37.9	8	2
1	14 DBP							
1	COTTON							
5	NONTREATED		45	40	39	39.6	10	2
1	14 DBP							
1	COTTON							
1	COSTARR	64 fl oz/a	38	38	40	38.2	9	2
2	21 DBP							
1	COTTON							

## LSU Northeast Research Station

Crop Code			CROP HTS	CROP HTS	CROP HTS	AVG HTS	both	GOSHI
Rating Data Type			CM	CM	CM	CM	1ST YIELD	2ND YIELD
Rating Unit			15/Jun/2005	15/Jun/2005	15/Jun/2005	15/Jun/2005	LBS	LBS
Rating Date							14/Sep/2005	10/Oct/2005
Crop Stage			11 LF	11 LF	11 LF			
Crop Stage Scale								
Trt-Eval Interval			44 DAP	44 DAP	44 DAP	65 DA-A	156 DA-A	182 DA-A
ARM Action Codes						T3		
# Subsamples, Dec.						1		
Trt No.	Treatment Name	Rate Unit	25	26	27	28	29	30
2	LANDMASTER BW	64 fl oz/a	43	50	39	43.3	9	2
2	21 DBP							
1	COTTON							
3	OUTLAW	28 fl oz/a	40	40	41	39.2	7	2
2	21 DBP							
1	COTTON							
4	CLARITY	8 fl oz/a	40	40	42	37.4	7	2
2	21 DBP							
1	COTTON							
5	NONTREATED		32	36	36	36.1	8	2
2	21 DBP							
1	COTTON							
1	COSTARR	64 fl oz/a	50	48	41	48.8	16	.
1	14 DBP							
2	SOYBEAN							
2	LANDMASTER BW	64 fl oz/a	46	47	47	47.8	17	.
1	14 DBP							
2	SOYBEAN							
3	OUTLAW	28 fl oz/a	52	52	51	51.3	15	.
1	14 DBP							
2	SOYBEAN							
4	CLARITY	8 fl oz/a	55	51	50	50.8	17	.
1	14 DBP							
2	SOYBEAN							
5	NONTREATED		45	50	47	47.7	17	.
1	14 DBP							
2	SOYBEAN							
1	COSTARR	64 fl oz/a	50	51	51	50.4	15	.
2	21 DBP							
2	SOYBEAN							
2	LANDMASTER BW	64 fl oz/a	55	49	46	52.1	17	.
2	21 DBP							
2	SOYBEAN							
3	OUTLAW	28 fl oz/a	53	52	51	50.6	15	.
2	21 DBP							
2	SOYBEAN							
4	CLARITY	8 fl oz/a	49	46	40	47.1	17	.
2	21 DBP							
2	SOYBEAN							
5	NONTREATED		49	47	44	46.1	15	.
2	21 DBP							
2	SOYBEAN							

# LSU Northeast Research Station

Trial ID:

Study Dir.:

Location:

Investigator: Donnie Miller

FACTORIAL/POOLED ERROR AOV For CROP HTS CM 15/Jun/2005 11 LF 44 DAP						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	6852.200000				
R	3	151.300000	50.433333	0.888	0.4528	5
A	4	96.075000	24.018750	0.423	0.7914	5
B	1	0.000000	0.000000	0.000	1.0000	3
AB	4	314.375000	78.593750	1.384	0.2510	8
C	1	2599.200000	2599.200000	45.773	0.0001	3
AC	4	100.675000	25.168750	0.443	0.7768	8
BC	1	33.800000	33.800000	0.595	0.4436	5
ABC	4	320.075000	80.018750	1.409	0.2426	11
ERROR	57	3236.700000	56.784211			
FACTORIAL/POOLED ERROR AOV For CROP HTS CM 15/Jun/2005 11 LF 44 DAP						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	5900.750000				
R	3	353.050000	117.683333	2.692	0.0546	4
A	4	270.375000	67.593750	1.546	0.2011	5
B	1	33.800000	33.800000	0.773	0.3829	3
AB	4	275.825000	68.956250	1.578	0.1927	7
C	1	2040.200000	2040.200000	46.676	0.0001	3
AC	4	252.675000	63.168750	1.445	0.2310	7
BC	1	68.450000	68.450000	1.566	0.2159	4
ABC	4	114.925000	28.731250	0.657	0.6242	9
ERROR	57	2491.450000	43.709649			
FACTORIAL/POOLED ERROR AOV For CROP HTS CM 15/Jun/2005 11 LF 44 DAP						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	5792.487500				
R	3	186.037500	62.012500	1.028	0.3869	5
A	4	192.425000	48.106250	0.798	0.5316	5
B	1	2.812500	2.812500	0.047	0.8298	3
AB	4	319.125000	79.781250	1.323	0.2724	8
C	1	1320.312500	1320.312500	21.895	0.0001	3
AC	4	58.375000	14.593750	0.242	0.9133	8
BC	1	19.012500	19.012500	0.315	0.5767	5
ABC	4	257.175000	64.293750	1.066	0.3817	11
ERROR	57	3437.212500	60.301974			
FACTORIAL/POOLED ERROR AOV For AVG HTS CM 15/Jun/2005 65 DA-A T3 1						
SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	3893.224815				
R	3	93.737372	31.245791	1.268	0.2939	3.1
A	4	125.149208	31.287302	1.270	0.2924	3.5
B	1	0.630132	0.630132	0.026	0.8735	2.2
AB	4	115.846734	28.961683	1.176	0.3312	5.0
C	1	2106.378125	2106.378125	85.504	0.0001	2.2
AC	4	30.353834	7.588458	0.308	0.8714	5.0
BC	1	0.378117	0.378117	0.015	0.9018	3.1
ABC	4	16.571264	4.142816	0.168	0.9537	7.0
ERROR	57	1404.180029	24.634737			

1  
2  
/  
J  
a  
n  
/  
2  
C  
C  
E

(  
S  
J  
E  
I  
C  
E  
C  
3  
)

## LSU Northeast Research Station

FACTORIAL/POOLED ERROR AOV For both 1ST YIELD LBS 14/Sep/2005 156 DA-A

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	1502.812194				
R	3	38.708274	12.902758	3.320	0.0260	1
A	4	13.281121	3.320280	0.854	0.4969	1
B	1	7.420659	7.420659	1.909	0.1724	1
AB	4	17.532421	4.383105	1.128	0.3525	2
C	1	1189.940290	1189.940290	306.191	0.0001	1
AC	4	10.852342	2.713086	0.698	0.5964	2
BC	1	0.086791	0.086791	0.022	0.8817	1
ABC	4	3.472908	0.868227	0.223	0.9243	3
ERROR	57	221.517388	3.886270			

FACTORIAL/POOLED ERROR AOV For GOSHI 2ND YIELD LBS 10/Oct/2005 182 DA-A

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	69.884980				
R	3	0.860540	0.286847	2.380	0.0791	0
A	4	0.138342	0.034586	0.287	0.8853	0
B	1	0.128000	0.128000	1.062	0.3071	0
AB	4	0.150637	0.037659	0.312	0.8685	0
C	1	61.320022	61.320022	508.735	0.0001	0
AC	4	0.138342	0.034586	0.287	0.8853	0
BC	1	0.128000	0.128000	1.062	0.3071	0
ABC	4	0.150637	0.037659	0.312	0.8685	0
ERROR	57	6.870460	0.120534			

Column 28: T3 = @AVG([C18],[C27])

## LSU Northeast Research Station

Crop Code	GOSHI TOTAL YIELD	GOSHI YIELD	GOSHI 1ST HARVEST	GLXMA YIELD	GLXMA MOISTURE	GLXMA YIELD
Rating Data Type	LBS	LB/A	%	LBS	%	BU/A
Rating Unit	3/Nov/2005	3/Nov/2005	3/Nov/2005	10/Oct/2005	10/Oct/2005	10/Oct/2005
Rating Date						
Crop Stage						
Crop Stage Scale						
Trt-Eval Interval				182 DA-A	182 DA-A	182 DA-A
ARM Action Codes	T5	TY6	T7			TY4
# Subsamples, Dec.		1				1
Trt Treatment	Rate	Rate	Rate	Rate	Rate	Rate
No. Name	Rate	Unit	Rate	Rate	Rate	Rate
TABLE OF R MEANS	31	32	33	34	35	36
Replicate 1	13	1520.4	93	16	13	44.5
Replicate 2	12	1409.3	86	15	12	40.0
Replicate 3	14	1698.5	91	17	13	45.8
Replicate 4	13	1646.6	87	16	13	44.1
TABLE OF A MEANS						
1 COSTARR 64 fl oz/a	12	1462.9	86	15	13	42.0
2 LANDMASTER BW 64 fl oz/a	13	1523.3	87	17	12	45.4
3 OUTLAW 28 fl oz/a	13	1592.9	91	15	12	41.8
4 CLARITY 8 fl oz/a	13	1537.6	90	17	13	45.9
5 NONTREATED	13	1726.8	91	16	13	42.8
TABLE OF B MEANS						
1 14 DBP	13	1607.7	90	16	13	44.3
2 21 DBP	13	1529.7	88	16	13	42.8
TABLE OF C MEANS						
1 COTTON	10	1568.7	79	.	.	.
2 SOYBEAN	16	.	100	16	13	43.6
TABLE OF AB MEANS						
1 COSTARR 64 fl oz/a	12	1244.9	81	16	13	43.0
1 14 DBP						
2 LANDMASTER BW 64 fl oz/a	13	1662.9	93	17	13	45.3
1 14 DBP						
3 OUTLAW 28 fl oz/a	13	1638.4	94	15	12	42.3
1 14 DBP						
4 CLARITY 8 fl oz/a	13	1564.1	91	17	13	45.9
1 14 DBP						
5 NONTREATED	14	1928.2	92	17	13	45.1
1 14 DBP						
1 COSTARR 64 fl oz/a	13	1680.8	91	15	13	40.9
2 21 DBP						
2 LANDMASTER BW 64 fl oz/a	13	1383.7	81	17	12	45.5
2 21 DBP						
3 OUTLAW 28 fl oz/a	12	1547.4	89	15	12	41.3
2 21 DBP						
4 CLARITY 8 fl oz/a	13	1511.0	90	17	13	45.9
2 21 DBP						
5 NONTREATED	12	1525.3	90	15	13	40.6
2 21 DBP						
TABLE OF AC MEANS						
1 COSTARR 64 fl oz/a	9	1462.9	73	.	.	.
1 COTTON						

## LSU Northeast Research Station

Crop Code		GOSHI	GOSHI	GOSHI	GLXMA	GLXMA	GLXMA
Rating Data Type		TOTAL YIELD	YIELD	1ST HARVEST	YIELD	MOISTURE	YIELD
Rating Unit		LBS	LB/A	%	LBS	%	BU/A
Rating Date		3/Nov/2005	3/Nov/2005	3/Nov/2005	10/Oct/2005	10/Oct/2005	10/Oct/2005
Crop Stage							
Crop Stage Scale							
Trt-Eval Interval					182 DA-A	182 DA-A	182 DA-A
ARM Action Codes		T5	TY6	T7			TY4
# Subsamples, Dec.			1				1
Trt Treatment	Rate						
No. Name	Unit	31	32	33	34	35	36
2 LANDMASTER BW 1 COTTON	64 fl oz/a	9	1523.3	74	.	.	.
3 OUTLAW 1 COTTON	28 fl oz/a	10	1592.9	83	.	.	.
4 CLARITY 1 COTTON	8 fl oz/a	9	1537.6	81	.	.	.
5 NONTREATED 1 COTTON		11	1726.8	83	.	.	.
1 COSTARR 2 SOYBEAN	64 fl oz/a	15	.	100	15	13	42.0
2 LANDMASTER BW 2 SOYBEAN	64 fl oz/a	17	.	100	17	12	45.4
3 OUTLAW 2 SOYBEAN	28 fl oz/a	15	.	100	15	12	41.8
4 CLARITY 2 SOYBEAN	8 fl oz/a	17	.	100	17	13	45.9
5 NONTREATED 2 SOYBEAN		16	.	100	16	13	42.8
TABLE OF BC MEANS							
1 14 DBP 1 COTTON		10	1607.7	80	.	.	.
2 21 DBP 1 COTTON		9	1529.7	77	.	.	.
1 14 DBP 2 SOYBEAN		16	.	100	16	13	44.3
2 21 DBP 2 SOYBEAN		16	.	100	16	13	42.8
TABLE OF ABC MEANS							
1 COSTARR 1 14 DBP 1 COTTON	64 fl oz/a	8	1244.9	63	.	.	.
2 LANDMASTER BW 1 14 DBP 1 COTTON	64 fl oz/a	10	1662.9	85	.	.	.
3 OUTLAW 1 14 DBP 1 COTTON	28 fl oz/a	10	1638.4	87	.	.	.
4 CLARITY 1 14 DBP 1 COTTON	8 fl oz/a	10	1564.1	82	.	.	.
5 NONTREATED 1 14 DBP 1 COTTON		12	1928.2	85	.	.	.
1 COSTARR 2 21 DBP 1 COTTON	64 fl oz/a	10	1680.8	83	.	.	.

## LSU Northeast Research Station

Crop Code	GOSHI	GOSHI	GOSHI	GLXMA	GLXMA	GLXMA
Rating Data Type	TOTAL YIELD	YIELD	1ST HARVEST	YIELD	MOISTURE	YIELD
Rating Unit	LBS	LB/A	%	LBS	%	BU/A
Rating Date	3/Nov/2005	3/Nov/2005	3/Nov/2005	10/Oct/2005	10/Oct/2005	10/Oct/2005
Crop Stage						
Crop Stage Scale						
Trt-Eval Interval				182 DA-A	182 DA-A	182 DA-A
ARM Action Codes	T5	TY6	T7			TY4
# Subsamples, Dec.		1				1
Trt Treatment	Rate	Rate	Rate	Rate	Rate	Rate
No. Name	Unit	Unit	Unit	Unit	Unit	Unit
2 LANDMASTER BW	64 fl oz/a	31	32	33	34	35
2 21 DBP		8	1383.7	63	.	.
1 COTTON						
3 OUTLAW	28 fl oz/a	9	1547.4	78	.	.
2 21 DBP						
1 COTTON						
4 CLARITY	8 fl oz/a	9	1511.0	79	.	.
2 21 DBP						
1 COTTON						
5 NONTREATED		9	1525.3	81	.	.
2 21 DBP						
1 COTTON						
1 COSTARR	64 fl oz/a	16	.	100	16	13
1 14 DBP						43.0
2 SOYBEAN						
2 LANDMASTER BW	64 fl oz/a	17	.	100	17	13
1 14 DBP						45.3
2 SOYBEAN						
3 OUTLAW	28 fl oz/a	15	.	100	15	12
1 14 DBP						42.3
2 SOYBEAN						
4 CLARITY	8 fl oz/a	17	.	100	17	13
1 14 DBP						45.9
2 SOYBEAN						
5 NONTREATED		17	.	100	17	13
1 14 DBP						45.1
2 SOYBEAN						
1 COSTARR	64 fl oz/a	15	.	100	15	13
2 21 DBP						40.9
2 SOYBEAN						
2 LANDMASTER BW	64 fl oz/a	17	.	100	17	12
2 21 DBP						45.5
2 SOYBEAN						
3 OUTLAW	28 fl oz/a	15	.	100	15	12
2 21 DBP						41.3
2 SOYBEAN						
4 CLARITY	8 fl oz/a	17	.	100	17	13
2 21 DBP						45.9
2 SOYBEAN						
5 NONTREATED		15	.	100	15	13
2 21 DBP						40.6
2 SOYBEAN						

# LSU Northeast Research Station

Trial ID:

Study Dir.:

Location:

Investigator: Donnie Miller

FACTORIAL/POOLED ERROR AOV For GOSHI TOTAL YIELD LBS 3/Nov/2005 T5

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	1300.372346				
R	3	43.715209	14.571736	2.281	0.0889	2
A	4	13.783110	3.445778	0.539	0.7074	2
B	1	6.647052	6.647052	1.041	0.3120	1
AB	4	23.345078	5.836270	0.914	0.4623	3
C	1	820.352358	820.352358	128.418	0.0001	1
AC	4	13.523095	3.380774	0.529	0.7147	3
BC	1	0.194044	0.194044	0.030	0.8623	2
ABC	4	14.688557	3.672139	0.575	0.6820	4
ERROR	57	364.123843	6.388138			

FACTORIAL/POOLED ERROR AOV For GOSHI YIELD LB/A 3/Nov/2005 TY6 1

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	56854986.887214				
R	3	253203.420557	84401.140186	0.778	0.5112	208.3
A	4	159188.965827	39797.241457	0.367	0.8313	232.9
B	1	30452.915149	30452.915149	0.281	0.5983	147.3
AB	4	410926.266908	102731.566727	0.947	0.4438	329.4
C	1	49215315.324658	49215315.324658	453.536	0.0001	147.3
AC	4	159188.965827	39797.241457	0.367	0.8313	329.4
BC	1	30452.915149	30452.915149	0.281	0.5983	208.3
ABC	4	410926.266908	102731.566727	0.947	0.4438	465.9
ERROR	57	6185331.846230	108514.593794			

FACTORIAL/POOLED ERROR AOV For GOSHI 1ST HARVEST % 3/Nov/2005 T7

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	23179.711641				
R	3	716.646398	238.882133	1.300	0.2834	9
A	4	376.566858	94.141714	0.512	0.7270	10
B	1	65.554527	65.554527	0.357	0.5527	6
AB	4	939.715196	234.928799	1.278	0.2893	14
C	1	9222.243757	9222.243757	50.173	0.0001	6
AC	4	376.566858	94.141714	0.512	0.7270	14
BC	1	65.554527	65.554527	0.357	0.5527	9
ABC	4	939.715196	234.928799	1.278	0.2893	19
ERROR	57	10477.148323	183.809620			

FACTORIAL/POOLED ERROR AOV For GLXMA YIELD LBS 10/Oct/2005 182 DA-A

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	5321.426867				
R	3	13.551375	4.517125	1.686	0.1803	1
A	4	7.681242	1.920310	0.717	0.5841	1
B	1	2.278125	2.278125	0.850	0.3604	1
AB	4	3.601251	0.900313	0.336	0.8526	2
C	1	5128.003125	5128.003125	1913.545	0.0001	1
AC	4	7.681242	1.920310	0.717	0.5841	2
BC	1	2.278125	2.278125	0.850	0.3604	1
ABC	4	3.601251	0.900313	0.336	0.8526	2
ERROR	57	152.751131	2.679844			

1  
2  
/  
J  
a  
n  
/  
2  
C  
C  
E

(  
S  
J  
E  
I  
C  
E  
C  
3  
)

## LSU Northeast Research Station

FACTORIAL/POOLED ERROR AOV For GLXMA MOISTURE % 10/Oct/2005 182 DA-A

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	3192.232230				
R	3	0.133000	0.044333	0.434	0.7294	0
A	4	0.330750	0.082687	0.810	0.5243	0
B	1	0.002000	0.002000	0.020	0.8892	0
AB	4	0.161749	0.040437	0.396	0.8107	0
C	1	3185.288231	3185.288231	31185.400	0.0001	0
AC	4	0.330750	0.082687	0.810	0.5243	0
BC	1	0.002000	0.002000	0.020	0.8892	0
ABC	4	0.161749	0.040437	0.396	0.8107	0
ERROR	57	5.822002	0.102140			

FACTORIAL/POOLED ERROR AOV For GLXMA YIELD BU/A 10/Oct/2005 182 DA-A TY4  
1

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F	Prob(F)	LSD (.05)
Total	79	39368.583807				
R	3	92.276818	30.758939	1.571	0.2064	2.8
A	4	59.909383	14.977346	0.765	0.5525	3.1
B	1	10.990588	10.990588	0.561	0.4568	2.0
AB	4	14.507982	3.626996	0.185	0.9452	4.4
C	1	37989.273470	37989.273470	1939.934	0.0001	2.0
AC	4	59.909383	14.977346	0.765	0.5525	4.4
BC	1	10.990588	10.990588	0.561	0.4568	2.8
ABC	4	14.507982	3.626996	0.185	0.9452	6.3
ERROR	57	1116.217613	19.582765			

Column 31: T5 = ([29]+[30])

Column 32: TY6 = 163.2684\*[31]

Column 33: T7 = 100\*([29]/[31])

Column 36: TY4 = 2.721139\*[C34]\*(100-@MVAVGREP([C35]))/87