

Purdue University

Burndown Programs in LL soybean

Trial ID: 06S-SEP-NTS-08
Location: SEPAC

Study Dir.: Vince Davis
Investigator: Dr. William G. Johnson

GENERAL TRIAL INFORMATION

Study Director: Vince Davis **Title:** Research Associate
Affiliation: Purdue University
Postal Code: 47907
Investigator: Dr. William G. Johnson **Title:** Associate Professor
Affiliation: Purdue University
Postal Code: 47907

TRIAL LOCATION

City: Butlerville **Trial Status:** SETUP
State/Prov.: IN
Postal Code: 47223
Country: USA
Directions: Field U41

COOPERATOR/LANDOWNER

Cooperator: Southeast Purdue Ag Center **Country:** USA
Org: Purdue University **Phone No:** 812-458-6977
Address 1: 4425 E Co Rd 350 N **Fax No:** 812-458-6979
Address 2: PO Box 216
City: Butlerville
State/Prov: IN
Postal Code: 47223

Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N

Objective: The objective of this experiment is to evaluate the efficacy of a new formulation of glufosinate in no-till glufosinate-resistant soybean production.

CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	ERICA	Canada horseweed	Erigeron canadensis
2.	TAROF	Common dandelion	Taraxacum officinale
3.	XANST	Common cocklebur	Xanthium strumarium

Crop 1: GLXMA SOYBEAN **Variety:** L37217
Planting Date: 24/May/2006 **Planting Method:** JD7000
Rate: 150000 S/A **Depth:** 1 in
Row Spacing: 30 " **Seed Bed:** no till
Soil Temperature: 75 F **Soil Moisture:** moist

SITE AND DESIGN

Plot Width, Unit: 10 FT **Plot Length, Unit:** 30 FT **Reps:** 4
Site Type: FIELD
Tillage Type: NO-TILL **Study Design:** RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

% OM: 1.4 **Texture:** Silt Loam
pH: 6.0 **Soil Name:** Avonburg
CEC: 5.0

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit
Phosphorus	15	ppm
Potassium	95	ppm
calcium	735	ppm
magnesium	134	ppm

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APPLICATION DESCRIPTION

	A	B	C
Application Date:	3/May/2006	6/Jun/2006	13/Jun/2006
Time of Day:	7:00 pm	11:00 am	9:30 am
Application Method:	SPRAY	SPRAY	SPRAY
Application Timing:	7d EPP	EAPOWE	MIPOWE
Applic. Placement:	BROFOL	BROFOL	BROFOL
Air Temp., Unit:	76 F	78 F	67 F
% Relative Humidity:	70	60	70
Wind Velocity, Unit:	2 MPH	4 MPH	3 MPH
Dew Presence (Y/N):	N	N	N
Water Hardness:	Very Hard	Very Hard	Very Hard
Soil Temp., Unit:	67 F	72 F	65 F
Soil Moisture:	Wet	Dry	Wet
% Cloud Cover:	30	0	0

CROP STAGE AT EACH APPLICATION

	A	B	C
Crop 1 Code, Stage:	GLXMA	GLXMA	GLXMA
Stage Scale:	NA	VC	V2
Height, Unit:		2 IN	6 IN

WEED STAGE AT EACH APPLICATION

	A	B	C
Weed 1 Code, Stage:	ERICA	ERICA	ERICA
Stage Scale:	1-5" bolt	2-12"	4-14"
Density, Unit:	150 YD2	50 YD2	50 YD2
Weed 2 Code, Stage:	TAROF	TAROF	TAROF
Stage Scale:	12-20"	1-20"	2-20"
Density, Unit:	3 YD2	20 YD2	20 YD2
Weed 3 Code, Stage:	XANST	XANST	XANST
Stage Scale:	Not emerg	0-2"	2-6"
Density, Unit:		10 YD2	10 YD2

APPLICATION EQUIPMENT

	A	B	C
Appl. Equipment:	BackPack	BackPack	BackPack
Operating Pressure:	15 psi	15 psi	15 psi
Nozzle Type:	XR	XR	XR
Nozzle Size:	11002	11002	11002
Nozzle Spacing, Unit:	15 IN	15 IN	15 IN
Boom Length, Unit:	10 FT	10 FT	10 FT
Boom Height, Unit:	15 IN	15 IN	15 IN
Ground Speed, Unit:	3 MPH	3 MPH	3 MPH
Carrier:	H2O	H2O	H2O
Spray Volume, Unit:	15 GPA	15 GPA	15 GPA
Propellant:	CO2	CO2	CO2

Trial Comments

Crop was destroyed by mowing on July 20th just after the last rating.

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Trial ID: 06S-SEP-NTS-08
 Location: SEPAC

Study Dir.: Vince Davis
 Investigator: Dr. William G. Johnson

Weed Code									GLXMA	GLXMA	GLXMA	ERICA	XANST	TAROF
Crop Code									PHYGEN	PHYGEN	PHYGEN	GLXMA	GLXMA	GLXMA
Rating Data Type									%	%	%	CONTRO	CONTRO	CONTRO
Rating Unit									13/Jun/2006	21/Jun/2006	28/Jun/2006	28/Jun/2006	28/Jun/2006	28/Jun/2006
Rating Date									V2	V3	V4	V4	V4	V4
Crop Stage									5-6"	6-8"	11-13"	11-13"	11-13"	11-13"
Crop Stage Scale												8-24"	2-10"	1-20"
Weed Stage												50 YD2	10 YD2	100 YD2
Weed Density, Unit														
Trt No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	1	2	3	4	5	6
1	Untreated							101	0	0	0	0	0	0
								202	0	0	0	0	0	0
								304	0	0	0	0	0	0
								405	0	0	0	0	0	0
								Mean =	0	0	0	0	0	0
2	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	7dEPP	A	102	5	0	0	98	90	60
	2,4-D Ester	0.5	LB A/A	1	PT/A	7dEPP	A	203	5	0	0	100	50	35
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A	306	0	0	0	98	98	60
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B	402	3	0	0	100	50	45
	AMS	1.5	LB A/A	1.5	LB/A	EAPOWE	B							
								Mean =	3	0	0	99	72	50
3	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	7dEPP	A	103	3	3	3	98	75	60
	Sencor 75DF	0.47	LB A/A	10	OZ/A	7dEPP	A	206	3	0	0	95	90	90
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A	303	5	0	0	95	65	35
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B	404	5	3	0	95	70	70
	AMS	1.5	LB A/A	1.5	LB/A	EAPOWE	B							
								Mean =	4	2	1	96	75	64
4	Extreme	0.81	LB A/A	3	PT/A	7dEPP	A	104	0	0	0	70	78	55
	NIS	0.25	% V/V	0.25	% V/V	7dEPP	A	201	0	0	0	80	45	28
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A	307	3	0	0	70	100	78
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B	401	5	0	0	85	68	60
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
								Mean =	2	0	0	76	73	55
5	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	7dEPP	A	105	3	12	10	100	95	90
	2,4-D Ester	0.5	LB A/A	1	PT/A	7dEPP	A	204	0	18	15	100	83	95
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A	305	3	15	10	100	95	90
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B	407	3	10	5	95	100	95
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	MIPOWE	C							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOWE	C							
								Mean =	2	14	10	99	93	93
6	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	7dEPP	A	106	5	0	0	55	100	80
	Sencor 75DF	0.47	LB A/A	10	OZ/A	7dEPP	A	207	5	0	0	55	98	85
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A	302	3	0	0	90	75	35
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B	403	0	0	0	78	80	50
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
								Mean =	3	0	0	70	88	63
7	Canopy	0.14	LB A/A	3	OZ/A	7dEPP	A	107	5	0	0	100	100	97
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	7dEPP	A	205	0	7	5	100	100	93
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A	301	5	0	0	100	95	83
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B	406	3	0	0	100	100	100
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	MIPOWE	C							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOWE	C							
								Mean =	3	2	1	100	99	93

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Weed Code									GLXMA	ERICA	XANST
Crop Code									GLXMA	GLXMA	GLXMA
Rating Data Type									PHYGEN	CONTRO	CONTRO
Rating Unit									%	%	%
Rating Date									20/Jul/2006	20/Jul/2006	20/Jul/2006
Crop Stage									R2	R2	R2
Crop Stage Scale									24-30"	24-30"	24-30"
Weed Stage										24-36"	20-30"
Weed Density, Unit										50 YD2	10 YD2
Trt No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	7	8	9
1	Untreated							101	0	0	0
								202	0	0	0
								304	0	0	0
								405	0	0	0
								Mean =	0	0	0
2	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	7dEPP	A	102	0	97	25
	2,4-D Ester	0.5	LB A/A	1	PT/A	7dEPP	A	203	0	80	5
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A	306	5	75	85
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B	402	0	80	10
	AMS	1.5	LB A/A	1.5	LB/A	EAPOWE	B				
								Mean =	1	83	31
3	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	7dEPP	A	103	12	93	35
	Sencor 75DF	0.47	LB A/A	10	OZ/A	7dEPP	A	206	0	90	95
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A	303	0	78	5
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B	404	5	83	25
	AMS	1.5	LB A/A	1.5	LB/A	EAPOWE	B				
								Mean =	4	86	40
4	Extreme	0.81	LB A/A	3	PT/A	7dEPP	A	104	0	73	15
	NIS	0.25	% V/V	0.25	% V/V	7dEPP	A	201	0	78	0
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A	307	0	50	95
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B	401	0	80	15
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B				
								Mean =	0	70	31
5	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	7dEPP	A	105	5	98	80
	2,4-D Ester	0.5	LB A/A	1	PT/A	7dEPP	A	204	5	97	50
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A	305	5	97	80
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B	407	0	95	90
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B				
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	MIPOWE	C				
	AMS	2.5	LB A/A	2.5	LB/A	MIPOWE	C				
								Mean =	4	97	75
6	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	7dEPP	A	106	0	15	95
	Sencor 75DF	0.47	LB A/A	10	OZ/A	7dEPP	A	207	0	35	95
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A	302	0	80	20
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B	403	3	60	28
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B				
								Mean =	1	48	60
7	Canopy	0.14	LB A/A	3	OZ/A	7dEPP	A	107	0	100	100
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	7dEPP	A	205	8	100	95
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A	301	0	100	95
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B	406	8	100	100
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B				
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	MIPOWE	C				
	AMS	2.5	LB A/A	2.5	LB/A	MIPOWE	C				
								Mean =	4	100	98

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Location: SEPAC

Study Dir.: Vince Davis
Investigator: Dr. William G. Johnson

Weed Code								GLXMA	GLXMA	GLXMA	ERICA	XANST	TAROF	
Crop Code								PHYGEN	PHYGEN	PHYGEN	GLXMA	GLXMA	GLXMA	
Rating Data Type								%	%	%	CONTRO	CONTRO	CONTRO	
Rating Unit								%	%	%	%	%	%	
Rating Date								13/Jun/2006	21/Jun/2006	28/Jun/2006	28/Jun/2006	28/Jun/2006	28/Jun/2006	
Crop Stage								V2	V3	V4	V4	V4	V4	
Crop Stage Scale								5-6"	6-8"	11-13"	11-13"	11-13"	11-13"	
Weed Stage											8-24"	2-10"	1-20"	
Weed Density, Unit											50 YD2	10 YD2	100 YD2	
Tri	Treatment	Rate	Product	Product	Grow	Appl								
No.	Name	Rate	Unit	Rate	Rate	Unit	Stg	Code	1	2	3	4	5	6
1	Untreated								0	0	0	0	0	0
2	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	7dEPP	A		3 a	0 b	0 b	99 a	72 b	50 b
	2,4-D Ester	0.5	LB A/A	1	PT/A	7dEPP	A							
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A							
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B							
	AMS	1.5	LB A/A	1.5	LB/A	EAPOWE	B							
3	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	7dEPP	A		4 a	2 b	1 b	96 a	75 ab	64 b
	Sencor 75DF	0.47	LB A/A	10	OZ/A	7dEPP	A							
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A							
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B							
	AMS	1.5	LB A/A	1.5	LB/A	EAPOWE	B							
4	Extreme	0.81	LB A/A	3	PT/A	7dEPP	A		2 a	0 b	0 b	76 b	73 b	55 b
	NIS	0.25	% V/V	0.25	% V/V	7dEPP	A							
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A							
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
5	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	7dEPP	A		2 a	14 a	10 a	99 a	93 ab	93 a
	2,4-D Ester	0.5	LB A/A	1	PT/A	7dEPP	A							
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A							
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	MIPOWE	C							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOWE	C							
6	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	7dEPP	A		3 a	0 b	0 b	70 b	88 ab	63 b
	Sencor 75DF	0.47	LB A/A	10	OZ/A	7dEPP	A							
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A							
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
7	Canopy	0.14	LB A/A	3	OZ/A	7dEPP	A		3 a	2 b	1 b	100 a	99 a	93 a
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	7dEPP	A							
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A							
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B							
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B							
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	MIPOWE	C							
	AMS	2.5	LB A/A	2.5	LB/A	MIPOWE	C							
LSD (P=.05)								3.3	3.2	2.9	12.2	24.0	27.2	
Standard Deviation								2.2	2.1	1.9	8.1	15.9	18.0	
CV								73.54	75.05	96.47	8.99	19.1	25.94	
Grand Mean								3.0	2.83	2.0	89.88	83.33	69.54	
Bartlett's X2								2.233	1.535	2.641	24.374	13.035	11.389	
P(Bartlett's X2)								0.816	0.464	0.267	0.001*	0.023*	0.044*	
Replicate F								0.411	1.081	1.761	0.679	0.967	0.343	
Replicate Prob(F)								0.7475	0.3871	0.1977	0.5786	0.4340	0.7944	
Treatment F								0.452	25.865	16.791	11.036	2.117	4.323	
Treatment Prob(F)								0.8054	0.0001	0.0001	0.0001	0.1196	0.0123	

Means followed by same letter do not significantly differ (P=.05, LSD)

Untreated treatment(s) 1 excluded from analysis.

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Weed Code							GLXMA	ERICA	XANST	
Crop Code							GLXMA	GLXMA	GLXMA	
Rating Data Type							PHYGEN	CONTRO	CONTRO	
Rating Unit							%	%	%	
Rating Date							20/Jul/2006	20/Jul/2006	20/Jul/2006	
Crop Stage							R2	R2	R2	
Crop Stage Scale							24-30"	24-30"	24-30"	
Weed Stage								24-36"	20-30"	
Weed Density, Unit								50 YD2	10 YD2	
Trt No.	Treatment Name	Rate	Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code	7	8	9
1	Untreated							0	0	0
2	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	7dEPP	A	1 a	83 ab	31 b
	2,4-D Ester	0.5	LB A/A	1	PT/A	7dEPP	A			
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A			
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B			
	AMS	1.5	LB A/A	1.5	LB/A	EAPOWE	B			
3	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	7dEPP	A	4 a	86 ab	40 b
	Sencor 75DF	0.47	LB A/A	10	OZ/A	7dEPP	A			
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A			
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B			
	AMS	1.5	LB A/A	1.5	LB/A	EAPOWE	B			
4	Extreme	0.81	LB A/A	3	PT/A	7dEPP	A	0 a	70 b	31 b
	NIS	0.25	% V/V	0.25	% V/V	7dEPP	A			
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A			
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B			
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B			
5	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	7dEPP	A	4 a	97 a	75 ab
	2,4-D Ester	0.5	LB A/A	1	PT/A	7dEPP	A			
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A			
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B			
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B			
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	MIPOWE	C			
	AMS	2.5	LB A/A	2.5	LB/A	MIPOWE	C			
6	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	7dEPP	A	1 a	48 c	60 ab
	Sencor 75DF	0.47	LB A/A	10	OZ/A	7dEPP	A			
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A			
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B			
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B			
7	Canopy	0.14	LB A/A	3	OZ/A	7dEPP	A	4 a	100 a	98 a
	Roundup WeatherMAX	0.77	LB AE/A	22	FL OZ/A	7dEPP	A			
	AMS	2.5	LB A/A	2.5	LB/A	7dEPP	A			
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	EAPOWE	B			
	AMS	2.5	LB A/A	2.5	LB/A	EAPOWE	B			
	AE F039866 Liberty HiLoad	0.4	LB A/A	22	FL OZ/A	MIPOWE	C			
	AMS	2.5	LB A/A	2.5	LB/A	MIPOWE	C			
LSD (P=.05)							5.5	22.6	53.6	
Standard Deviation							3.7	15.0	35.6	
CV							156.49	18.6	63.85	
Grand Mean							2.33	80.58	55.75	
Bartlett's X2							5.689	17.579	13.023	
P(Bartlett's X2)							0.224	0.001*	0.023*	
Replicate F							0.125	0.072	0.296	
Replicate Prob(F)							0.9439	0.9741	0.8274	
Treatment F							1.055	6.676	2.258	
Treatment Prob(F)							0.4227	0.0018	0.1018	

Means followed by same letter do not significantly differ (P=.05, LSD)
 Untreated treatment(s) 1 excluded from analysis.