

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.4
 %OM: 4.8
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 36 FEET
 PLOT AREA: 270 FEET

DESIGN: RCB
 REPS: 4

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	05/25/07	AME
AIR TEMPERATURE	78	F
% REL.HUMIDITY	52	
WIND DIRECTION	EAST	
WIND SPEED	3.0	M/H
CLOUD COVER	CLOUDY	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
SCREEN SIZE	GPA	
PRESSURE	42.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/15	
PIONEER P33N12	10.0/12.0	IN
04/24/2007		
*** PEST ***		
VELVETLEAF	---/15	
	3.00/6.00	IN
RAGWEED, COMMON	---/15	
	2.00/4.00	IN
MORNINGGLORY, TA	---/17	
	1.00/4.00	IN
FOXTAIL, GIANT	---/15	
	4.00/8.00	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

15 = 5 LEAVES UNFOLDED
 15 = 5 LEAVES UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Samson 4sc Combinations for Weed Control in Glyphosate Resistant Corn. C-500
CREATED: 05/17/2007 **REVISED:** 10/24/2007 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG
PLOT AREA: 270.00 SFT

REPS: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	AMBEL	ABUTH	PHBPU	ZEAMD	SETFA
		RATE	UNIT	TM	CON % 06/22/07	CON % 06/22/07	CON % 06/22/07	CON % 06/22/07	CON % 07/09/07	CON % 07/09/07
1A»	SAMSON	0.031	LAA	12	87	0	43	60	0	69
2A»	SAMSON	0.031	LAA	12	78	99	97	98	0	53
	B MARKSMAN SC	1.40	LAA	12						
3A»	SAMSON	0.031	LAA	12	82	98	78	86	0	50
	B ATRAZINE DF	1.98	LAA	12						
4A»	SAMSON	0.031	LAA	12	81	99	68	89	0	56
	B CLARITY	0.29	LAA	12						
5A»	SAMSON	0.031	LAA	12	95	99	99	93	0	73
	B CALLISTO 4SC	0.094	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
					LSD (0.05)					
					5.08	1.85	6.50	6.76	0.00	8.52
					STANDARD DEVIATION	2.38	0.866	3.00	3.17	4.00

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REPS: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	AMBEL CON % 07/09/07	ABUTH CON % 07/09/07	PHBPU CON % 07/09/07	YIELD BU/A 10/05/07
1A»	SAMSON	0.031	LAA	12	0	30	30	68.9
2A»	SAMSON	0.031	LAA	12	99	97	92	136.6
	B MARKSMAN SC	1.40	LAA	12				
3A»	SAMSON	0.031	LAA	12	99	55	74	141.6
	B ATRAZINE DF	1.98	LAA	12				
4A»	SAMSON	0.031	LAA	12	99	56	92	117.5
	B CLARITY	0.29	LAA	12				
5A»	SAMSON	0.031	LAA	12	99	99	83	167.8
	B CALLISTO 4SC	0.094	LAA	12				
	C ATRAZINE DF	0.50	LAA	12				
	D»COC	1.00	PMV	12				
	E 28% UAN	2.50	PMV	12				
6A	CHECK	0.00	NA	0	0	0	0	35.3
					LSB (0.05)	10.62	6.33	30.78
					STANDARD DEVIATION	5.00	3.00	14.44

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 12 = ----- / POST 05/25/2007(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CON %	06/05/2007	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/05/2007	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBEL	CON %	06/05/2007	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/05/2007	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/05/2007	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	06/22/2007	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/22/2007	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBEL	CON %	06/22/2007	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	06/22/2007	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	06/22/2007	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	CON %	07/09/2007	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	07/09/2007	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBEL	CON %	07/09/2007	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	07/09/2007	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	PHBPU	CON %	07/09/2007	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	YIELD	BU/A	10/05/2007	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)

01 = PIONEER P33N12