

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
PH: 6.4
%OM: 5.3
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE: 0
PLOT WIDTH: 10 X 30 FEET
PLOT AREA: 300 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	04	05	06	UNIT
TIMINGS	10	11	12	13	14	15	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/29/07	05/31/07	06/02/07	06/06/07	06/11/07	06/14/07	AME
AIR TEMPERATURE	83	81	82	72	85	84	F
% REL.HUMIDITY	45	42	43	42	28	35	
WIND DIRECTION	SOUTH	SOUTHWEST	SOUTH	SOUTHEAST	SOUTHEAST	EAST	M/H
WIND SPEED	6.0	8.0	2.0	4.0	2.0	2.0	
CLOUD COVER	PARTCLDY	CLOUDY	PARTCLDY	CLEAR	CLEAR	CLEAR	
DEW	NO	NO	NO	NO	NO	NO	
SOIL MOISTURE	MOIST/MOI	DRY/MOIST	DRY/MOIST	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	20.000	20.000	IN
SCREEN SIZE							
SCREEN SZ DESC	NA	NA	NA	NA	NA	NA	
SWATH WIDTH	10.0	10.0	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	20.00	20.00	
SCREEN SIZE	GPA	GPA	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	WATER	WATER	
INC. DATE							AME
INC. START							24H
INC. END							24H
INC. DEPTH							IN
INC. EQUIPMENT	---	---	---	---	---	---	
DENSITY /							
*** CROP ***							
SOYBEAN	---/12	---/13	---/13	---/14	---/15	---/15	
ASGROW 3203	3.00/3.00	4.00/4.00	4.00/5.00	6.00/6.00	8.00/8.00	10.0/10.0	IN
05/11/2007							
*** PEST ***							
CORN, VOLUNTEER,	---/11	---/12	---/13	---/14	---/16	---/18	
	4.00/4.00	6.00/6.00	10.0/10.0	10.0/18.0	20.0/24.0	30.0/30.0	IN

* TIMING CODES

10 = ----- / VEPOST
11 = ----- / EPOST
12 = ----- / POST
13 = ----- / LPOST
14 = ----- / VLPOST
15 = ----- / P0.DIRECTED

* STAGE CODE

11 = FIRST LEAF UNFOLDED
12 = 2 LEAVES (UNIFOLIATE FIRST LEAF PAIR) UNFOLDED, 1 NODE
12 = 2 LEAVES UNFOLDED
13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
13 = 3 LEAVES UNFOLDED
14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
14 = 4 LEAVES UNFOLDED
15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
16 = 6 LEAVES UNFOLDED
18 = 8 LEAVES UNFOLDED

TITLE: VOLUNTEER CORN COMPETITION IN ROUNDUP-READY SOYBEAN AS-300
CREATED: 04/09/2007 **REVISED:** 10/24/2007 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 06/16/07	ZEAMX CON % 06/16/07	GLXMA CON % 06/25/07	ZEAMX CON % 06/25/07	GLXMA CON % 07/02/07	ZEAMX CON % 07/02/07
1A»WEED FREE	0.00	NA	0	0	99	0	99	0	99
B»WEATHERMAX 4.5	0.75	LAA	11						
C»SELECTMAX 1L	0.063	LAA	11						
D»N-PAK AMS	2.50	PMV	11						
E»WEATHERMAX 4.5	0.75	LAA	13						
F»SELECTMAX 1L	0.063	LAA	13						
G»N-PAK AMS	2.50	PMV	13						
H»HIGH VOL. POPU	0.00	NA	0						
2A CHECK	0.00	NA	0	0	0	0	0	0	0
B»HIGH VOL. POPU	0.00	NA	0						
3A»WEATHERMAX 4.5	0.75	LAA	10	0	95	0	95	0	96
B»SELECTMAX 1L	0.063	LAA	10						
C»N-PAK AMS	2.50	PMV	10						
D»HIGH VOL. POPU	0.00	NA	0						
4A»WEATHERMAX 4.5	0.75	LAA	11	0	98	0	98	0	98
B»SELECTMAX 1L	0.063	LAA	11						
C»N-PAK AMS	2.50	PMV	11						
D»HIGH VOL. POPU	0.00	NA	0						
5A»WEATHERMAX 4.5	0.75	LAA	12	0	99	0	99	0	99
B»SELECTMAX 1L	0.078	LAA	12						
C»N-PAK AMS	2.50	PMV	12						
D»HIGH VOL. POPU	0.00	NA	0						
6A»WEED FREE	0.00	NA	0	0	99	0	99	0	99
B»WEATHERMAX 4.5	0.75	LAA	11						
C»SELECTMAX 1L	0.063	LAA	11						
D»N-PAK AMS	2.50	PMV	11						
E»WEATHERMAX 4.5	0.75	LAA	13						
F»SELECTMAX 1L	0.063	LAA	13						
G»N-PAK AMS	2.50	PMV	13						
H»LOW VOL. POPUL	0.00	NA	0						
7A CHECK	0.00	NA	0	0	0	0	0	0	0
B»LOW VOL. POPUL	0.00	NA	0						
8A»WEATHERMAX 4.5	0.75	LAA	10	0	98	0	98	0	98
B»SELECTMAX 1L	0.063	LAA	10						
C»N-PAK AMS	2.50	PMV	10						
D»LOW VOL. POPUL	0.00	NA	0						
9A»WEATHERMAX 4.5	0.75	LAA	11	0	99	0	99	0	99
B»SELECTMAX 1L	0.063	LAA	11						
C»N-PAK AMS	2.50	PMV	11						
D»LOW VOL. POPUL	0.00	NA	0						
10A»WEATHERMAX 4.5	0.75	LAA	12	0	99	0	99	0	99
B»SELECTMAX 1L	0.078	LAA	12						
C»N-PAK AMS	2.50	PMV	12						
D»LOW VOL. POPUL	0.00	NA	0						
11A»CULTIVATE	0.00	NA	0	0	50	0	40	0	43
B»HIGH VOL. POPU	0.00	NA	0						
12A»WEATHERMAX 4.5	0.75	LAA	13	0	99	0	98	0	99
B»SELECTMAX 1L	0.094	LAA	13						
C»N-PAK AMS	2.50	PMV	13						
D»HIGH VOL. POPU	0.00	NA	0						
13A»WEATHERMAX 4.5	0.75	LAA	14	0	94	0	98	0	96
B»SELECTMAX 1L	0.094	LAA	14						
C»N-PAK AMS	2.50	PMV	14						
D»HIGH VOL. POPU	0.00	NA	0						

TITLE: VOLUNTEER CORN COMPETITION IN ROUNDUP-READY SOYBEAN AS-300

TRT	TREATMENT	DOSAGE	GLXMA	ZEAMX	GLXMA	ZEAMX	GLXMA	ZEAMX
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/16/07	06/16/07	06/25/07	06/25/07
14A»	WEATHERMAX 4.5	0.75	LAA	15	0	92	3	87
	B»SELECTMAX 1L	0.094	LAA	15				3
	C»N-PAK AMS	2.50	PMV	15				72
	D»HIGH VOL. POPU	0.00	NA	0				
15A»	RAPTOR 1AS	0.031	LAA	12	0	97	0	98
	B»MSO	1.00	PMV	12				
	C 28% UAN	2.50	PMV	12				
	D»HIGH VOL. POPU	0.00	NA	0				
16A»	CULTIVATE	0.00	NA	0	0	52	0	58
	B»LOW VOL. POPUL	0.00	NA	0				0
17A»	WEATHERMAX 4.5	0.75	LAA	13	0	99	0	99
	B»SELECTMAX 1L	0.094	LAA	13				
	C»N-PAK AMS	2.50	PMV	13				
	D»LOW VOL. POPUL	0.00	NA	0				
18A»	WEATHERMAX 4.5	0.75	LAA	14	0	91	0	97
	B»SELECTMAX 1L	0.094	LAA	14				
	C»N-PAK AMS	2.50	PMV	14				
	D»LOW VOL. POPUL	0.00	NA	0				
19A»	WEATHERMAX 4.5	0.75	LAA	15	0	91	0	98
	B»SELECTMAX 1L	0.094	LAA	15				
	C»N-PAK AMS	2.50	PMV	15				
	D»LOW VOL. POPUL	0.00	NA	0				
20A»	RAPTOR 1AS	0.031	LAA	12	0	99	2	99
	B»MSO	1.00	PMV	12				
	C 28% UAN	2.50	PMV	12				
	D»LOW VOL. POPUL	0.00	NA	0				
LSD (0.05)					0.00	5.84	2.22	6.56
STANDARD DEVIATION					0.00	2.89	1.10	3.24
								1.92
								14.08
								7.00

TITLE: VOLUNTEER CORN COMPETITION IN ROUNDUP-READY SOYBEAN AS-300
CREATED: 04/09/2007 **REVISED:** 10/24/2007 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 07/10/07	ZEAMX CON % 07/10/07	YIELD BU/A 10/10/07
1A»WEED FREE	0.00	NA	0	0	99	62.9
B»WEATHERMAX 4.5	0.75	LAA	11			
C»SELECTMAX 1L	0.063	LAA	11			
D»N-PAK AMS	2.50	PMV	11			
E»WEATHERMAX 4.5	0.75	LAA	13			
F»SELECTMAX 1L	0.063	LAA	13			
G»N-PAK AMS	2.50	PMV	13			
H»HIGH VOL. POPU	0.00	NA	0			
2A CHECK	0.00	NA	0	0	0	14.4
B»HIGH VOL. POPU	0.00	NA	0			
3A»WEATHERMAX 4.5	0.75	LAA	10	0	96	62.0
B»SELECTMAX 1L	0.063	LAA	10			
C»N-PAK AMS	2.50	PMV	10			
D»HIGH VOL. POPU	0.00	NA	0			
4A»WEATHERMAX 4.5	0.75	LAA	11	0	99	63.8
B»SELECTMAX 1L	0.063	LAA	11			
C»N-PAK AMS	2.50	PMV	11			
D»HIGH VOL. POPU	0.00	NA	0			
5A»WEATHERMAX 4.5	0.75	LAA	12	0	99	59.6
B»SELECTMAX 1L	0.078	LAA	12			
C»N-PAK AMS	2.50	PMV	12			
D»HIGH VOL. POPU	0.00	NA	0			
6A»WEED FREE	0.00	NA	0	0	99	64.0
B»WEATHERMAX 4.5	0.75	LAA	11			
C»SELECTMAX 1L	0.063	LAA	11			
D»N-PAK AMS	2.50	PMV	11			
E»WEATHERMAX 4.5	0.75	LAA	13			
F»SELECTMAX 1L	0.063	LAA	13			
G»N-PAK AMS	2.50	PMV	13			
H»LOW VOL. POPUL	0.00	NA	0			
7A CHECK	0.00	NA	0	0	0	34.7
B»LOW VOL. POPUL	0.00	NA	0			
8A»WEATHERMAX 4.5	0.75	LAA	10	0	98	63.4
B»SELECTMAX 1L	0.063	LAA	10			
C»N-PAK AMS	2.50	PMV	10			
D»LOW VOL. POPUL	0.00	NA	0			
9A»WEATHERMAX 4.5	0.75	LAA	11	3	69	64.0
B»SELECTMAX 1L	0.063	LAA	11			
C»N-PAK AMS	2.50	PMV	11			
D»LOW VOL. POPUL	0.00	NA	0			
10A»WEATHERMAX 4.5	0.75	LAA	12	0	99	61.3
B»SELECTMAX 1L	0.078	LAA	12			
C»N-PAK AMS	2.50	PMV	12			
D»LOW VOL. POPUL	0.00	NA	0			
11A»CULTIVATE	0.00	NA	0	1	28	35.9
B»HIGH VOL. POPU	0.00	NA	0			
12A»WEATHERMAX 4.5	0.75	LAA	13	0	99	59.8
B»SELECTMAX 1L	0.094	LAA	13			
C»N-PAK AMS	2.50	PMV	13			
D»HIGH VOL. POPU	0.00	NA	0			
13A»WEATHERMAX 4.5	0.75	LAA	14	0	94	58.0
B»SELECTMAX 1L	0.094	LAA	14			
C»N-PAK AMS	2.50	PMV	14			
D»HIGH VOL. POPU	0.00	NA	0			

TITLE: VOLUNTEER CORN COMPETITION IN ROUNDUP-READY SOYBEAN AS-300

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 07/10/07	ZEAMX CON % 07/10/07	YIELD BU/A 10/10/07
14A»WEATHERMAX 4.5	0.75	LAA	15	0	90	53.4
B»SELECTMAX 1L	0.094	LAA	15			
C»N-PAK AMS	2.50	PMV	15			
D»HIGH VOL. POPU	0.00	NA	0			
15A»RAPTOR 1AS	0.031	LAA	12	0	99	56.1
B»MSO	1.00	PMV	12			
C 28% UAN	2.50	PMV	12			
D»HIGH VOL. POPU	0.00	NA	0			
16A»CULTIVATE	0.00	NA	0	0	57	37.4
B»LOW VOL. POPUL	0.00	NA	0			
17A»WEATHERMAX 4.5	0.75	LAA	13	0	99	61.7
B»SELECTMAX 1L	0.094	LAA	13			
C»N-PAK AMS	2.50	PMV	13			
D»LOW VOL. POPUL	0.00	NA	0			
18A»WEATHERMAX 4.5	0.75	LAA	14	0	94	57.3
B»SELECTMAX 1L	0.094	LAA	14			
C»N-PAK AMS	2.50	PMV	14			
D»LOW VOL. POPUL	0.00	NA	0			
19A»WEATHERMAX 4.5	0.75	LAA	15	0	90	57.1
B»SELECTMAX 1L	0.094	LAA	15			
C»N-PAK AMS	2.50	PMV	15			
D»LOW VOL. POPUL	0.00	NA	0			
20A»RAPTOR 1AS	0.031	LAA	12	0	99	58.0
B»MSO	1.00	PMV	12			
C 28% UAN	2.50	PMV	12			
D»LOW VOL. POPUL	0.00	NA	0			
LSD (0.05)				2.12	20.75	5.60
STANDARD DEVIATION				1.00	10.27	2.77

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 10 = ----- / VEPOST 05/29/2007(1)
 11 = ----- / EPOST 05/31/2007(2)
 12 = ----- / POST 06/02/2007(3)
 13 = ----- / LPOST 06/06/2007(4)
 14 = ----- / VLPOST 06/11/2007(5)
 15 = ----- / PO.DIRECTED 06/14/2007(6)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	CON %	06/16/2007	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMX	CON %	06/16/2007	02	P	ZEAMX		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	06/25/2007	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ZEAMX	CON %	06/25/2007	02	P	ZEAMX		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	07/02/2007	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMX	CON %	07/02/2007	02	P	ZEAMX		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	07/10/2007	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMX	CON %	07/10/2007	02	P	ZEAMX		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	YIELD	BU/A	10/10/2007	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = ASGROW 3203