

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
PH: 6.4
%OM: 5.3
PREV.CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 10 X 30 FEET
PLOT AREA: 300 FEET

DESIGN: RCB
REPS: 4

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	11	12	13	14	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/28/08	06/05/08	06/10/08	06/17/08	AME
AIR TEMPERATURE	61	84	82	75	F
% REL.HUMIDITY	42	68	47	32	
WIND DIRECTION	NORTHEAST	SOUTHWEST	WEST	NORTHWEST	
WIND SPEED	6.0	13.0	4.0	7.0	M/H
CLOUD COVER	CLEAR	CLEAR	---	CLEAR	
DEW	NO	NO	NO	NO	
SOIL MOISTURE	MOIST/MOI	MOIST/MOI	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	IN
SCREEN SIZE					
SCREEN SZ DESC	NA	NA	NA	NA	
SWATH WIDTH	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00		20.00	20.00	
SCREEN SIZE	GPA		GPA	GPA	
PRESSURE	40.00	40.00	40.00	40.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** CROP ***					
CORN, DENT	---/13	---/15	---/16	---/18	
PIONEER 34A20	6.00/6.00	10.0/10.0	18.0/20.0	26.0/26.0	IN
04/24/2008					
*** PEST ***					
CORN, VOLUNTEER,	---/12	---/14	---/15	---/17	
	4.00/6.00	8.00/10.0	14.0/16.0	16.0/20.0	IN

* TIMING CODES

11 = ----- / EPOST
12 = ----- / POST
13 = ----- / LPOST
14 = ----- / VLPOST

* STAGE CODE

12 = 2 LEAVES UNFOLDED
13 = 3 LEAVES UNFOLDED
14 = 4 LEAVES UNFOLDED
15 = 5 LEAVES UNFOLDED
16 = 6 LEAVES UNFOLDED
17 = 7 LEAVES UNFOLDED
18 = 8 LEAVES UNFOLDED

TITLE: Volunteer Corn Competition in Glyphosate and Glufosinate Resistant Corn. AS-300
CREATED: 04/13/2008 **REVISED:** 11/07/2008 **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: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	ZEAMX	ZEAMD	ZEAMX	ZEAMD	ZEAMX
		RATE	UNIT TM	CON % 06/12/08	CON % 06/12/08	CON % 06/26/08	CON % 06/26/08	CON % 07/03/08	CON % 07/03/08
1A»	WEED FREE	0.00	NA 0	0	99	0	99	0	99
B»	IGNITE 2.33SL	0.40	LAA 11						
C»	LIQUID AMS	5.00	PMV 11						
D»	IGNITE 2.33SL	0.40	LAA 13						
E»	LIQUID AMS	5.00	PMV 13						
F»	IGNITE 2.33SL	0.40	LAA 14						
G»	LIQUID AMS	5.00	PMV 14						
2A	CHECK	0.00	NA 0	0	0	0	0	0	0
3A»	IGNITE 2.33SL	0.40	LAA 11	0	89	0	87	0	84
B»	LIQUID AMS	5.00	PMV 11						
4A»	IGNITE 2.33SL	0.40	LAA 12	0	98	0	96	0	94
B»	LIQUID AMS	5.00	PMV 12						
5A»	IGNITE 2.33SL	0.40	LAA 13	0	48	0	93	0	91
B»	LIQUID AMS	5.00	PMV 13						
6A»	IGNITE 2.33SL	0.40	LAA 14	0	0	0	87	0	90
B»	LIQUID AMS	5.00	PMV 14						
			LSL (0.05)	0.00	3.74	0.00	3.35	0.00	3.70
			STANDARD DEVIATION	0.00	1.76	0.00	1.57	0.00	1.74

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REPS: 04

TRT	TREATMENT	DOSAGE	UNIT	TM	YIELD
					BU/A
NUM	COMPONENT	RATE			10/29/08
1A	WEED FREE	0.00	NA	0	211.7
B	IGNITE 2.33SL	0.40	LAA	11	
C	LIQUID AMS	5.00	PMV	11	
D	IGNITE 2.33SL	0.40	LAA	13	
E	LIQUID AMS	5.00	PMV	13	
F	IGNITE 2.33SL	0.40	LAA	14	
G	LIQUID AMS	5.00	PMV	14	
2A	CHECK	0.00	NA	0	149.2
3A	IGNITE 2.33SL	0.40	LAA	11	204.7
B	LIQUID AMS	5.00	PMV	11	
4A	IGNITE 2.33SL	0.40	LAA	12	189.2
B	LIQUID AMS	5.00	PMV	12	
5A	IGNITE 2.33SL	0.40	LAA	13	201.6
B	LIQUID AMS	5.00	PMV	13	
6A	IGNITE 2.33SL	0.40	LAA	14	173.0
B	LIQUID AMS	5.00	PMV	14	
					LSD (0.05) 27.68
					STANDARD DEVIATION 13.00

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 11 = ----- / EPOST 05/28/2008(1)
 12 = ----- / POST 06/05/2008(2)
 13 = ----- / LPOST 06/10/2008(3)
 14 = ----- / VLPOST 06/17/2008(4)

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 %	06/12/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMX	CON %	06/12/2008	02	P	ZEAMX		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ZEAMD	CON %	06/26/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ZEAMX	CON %	06/26/2008	02	P	ZEAMX		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	07/03/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMX	CON %	07/03/2008	02	P	ZEAMX		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	YIELD	BU/A	10/29/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = PIONEER 34A20