

SOIL INFORMATIONTRIAL INFORMATION

TEXTURE: SIX  
 PH: 6.4  
 %OM: 5.3  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE: 0  
 PLOT WIDTH: 10 X 20 FEET  
 PLOT AREA: 200 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	05/29/07	AME
AIR TEMPERATURE	84	F
% REL.HUMIDITY	45	
WIND DIRECTION	SOUTH	
WIND SPEED	6.0	M/H
CLOUD COVER	PARTCLDY	
DEW	NO	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	6	
NOZZLE SPACING	20.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	10.0	FT
SPRAY VOLUME	20.00	
SCREEN SIZE	GPA	
PRESSURE	32.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/15	
VARIETIES	14.0/16.0	IN
05/02/2007		

## \* TIMING CODES

12 = ----- / POST

## \* STAGE CODE

15 = 5 LEAVES UNFOLDED

**TITLE:** Crop Response with Isoxadifen Product Blends on 4 Corn Hybrids. AS-300  
**CREATED:** 04/13/2007 **REVISED:** 08/03/2007 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Urbana **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 20.00 FT LONG  
**PLOT AREA:** 200.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD
		RATE	UNIT	TM	P 3941 06/05/07	GH 2495 06/05/07	P 34A15 06/05/07	N58-D1 06/05/07	P 3941 06/12/07	GH 2495 06/12/07
1A»	RESOLVE 25DF	0.016	LAA	12	40	23	2	18	70	23
B	ACCENT 75WG	0.023	LAA	12						
C»	COC	1.00	LAA	12						
D»	LIQUID AMS	5.00	PMV	12						
2A»	RESOLVE 25DF	0.016	LAA	12	14	13	1	12	6	6
B	ACCENT 75WG	0.023	LAA	12						
C»	ISOXADIFEN-ETH	0.008	LAA	12						
D»	COC	1.00	LAA	12						
E»	LIQUID AMS	5.00	PMV	12						
3A»	RESOLVE 25DF	0.031	LAA	12	40	28	11	37	78	53
B	ACCENT 75WG	0.047	LAA	12						
C»	COC	1.00	LAA	12						
D»	LIQUID AMS	5.00	PMV	12						
4A»	RESOLVE 25DF	0.031	LAA	12	18	13	3	23	16	7
B	ACCENT 75WG	0.047	LAA	12						
C»	ISOXADIFEN-ETH	0.006	LAA	12						
D»	COC	1.00	LAA	12						
E»	LIQUID AMS	5.00	PMV	12						
5A	ACCENT 75WG	0.031	LAA	12	22	22	0	7	30	14
B»	HARMONY GT 50W	0.004	LAA	12						
C»	COC	1.00	LAA	12						
D»	LIQUID AMS	5.00	PMV	12						
6A	ACCENT 75WG	0.031	LAA	12	7	6	1	3	3	3
B»	HARMONY GT 50W	0.004	LAA	12						
C»	ISOXADIFEN-ETH	0.006	LAA	12						
D»	COC	1.00	LAA	12						
E»	LIQUID AMS	5.00	PMV	12						
7A	ACCENT 75WG	0.063	LAA	12	33	26	4	14	67	33
B»	HARMONY GT 50W	0.0075	LAA	12						
C»	COC	1.00	LAA	12						
D»	LIQUID AMS	5.00	PMV	12						
8A	ACCENT 75WG	0.063	LAA	12	17	17	3	7	4	7
B»	HARMONY GT 50W	0.0075	LAA	12						
C»	ISOXADIFEN-ETH	0.031	LAA	12						
D»	COC	1.00	LAA	12						
E»	LIQUID AMS	5.00	PMV	12						
9A»	RESOLVE 25DF	0.014	LAA	12	26	33	2	22	42	32
B»	HARMONY GT 50W	0.003	LAA	12						
C»	COC	1.00	LAA	12						
D»	LIQUID AMS	5.00	PMV	12						
10A»	RESOLVE 25DF	0.014	LAA	12	8	15	2	11	2	8
B»	HARMONY GT 50W	0.003	LAA	12						
C»	ISOXADIFEN-ETH	0.007	LAA	12						
D»	COC	1.00	LAA	12						
E»	LIQUID AMS	5.00	PMV	12						
11A»	RESOLVE 25DF	0.029	LAA	12	50	50	8	44	73	73
B»	HARMONY GT 50W	0.006	LAA	12						
C»	COC	1.00	LAA	12						
D»	LIQUID AMS	5.00	PMV	12						
12A»	RESOLVE 25DF	0.029	LAA	12	12	13	3	18	10	4
B»	HARMONY GT 50W	0.006	LAA	12						
C»	ISOXADIFEN-ETH	0.014	LAA	12						
D»	COC	1.00	LAA	12						
E»	LIQUID AMS	5.00	PMV	12						

## TITLE: Crop Response with Isoxadifen Product Blends on 4 Corn Hybrids. AS-300

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD
		RATE	UNIT TM	P 3941 06/05/07	GH 2495 06/05/07	P 34A15 06/05/07	N58-D1 06/05/07	P 3941 06/12/07	GH 2495 06/12/07
13A»	RESOLVE 25DF	0.016	LAA 12	7	6	0	7	13	7
	B CLARITY	0.12	LAA 12						
	C»COC	1.00	LAA 12						
	D»LIQUID AMS	5.00	PMV 12						
14A»	RESOLVE 25DF	0.016	LAA 12	5	9	0	10	4	5
	B CLARITY	0.12	LAA 12						
	C»ISOXADIFEN-ETH	0.008	LAA 12						
	D»COC	1.00	LAA 12						
	E»LIQUID AMS	5.00	PMV 12						
15A»	RESOLVE 25DF	0.031	LAA 12	24	26	3	25	29	19
	B CLARITY	0.24	LAA 12						
	C»COC	1.00	LAA 12						
	D»LIQUID AMS	5.00	PMV 12						
16A»	RESOLVE 25DF	0.031	LAA 12	8	12	0	15	4	4
	B CLARITY	0.24	LAA 12						
	C»ISOXADIFEN-ETH	0.016	LAA 12						
	D»COC	1.00	LAA 12						
	E»LIQUID AMS	5.00	PMV 12						
17A»	STATUS 56DG	0.35	LAA 12	2	2	0	1	4	3
	B»COC	1.00	LAA 12						
	C»LIQUID AMS	5.00	PMV 12						
18A	CHECK	0.00	NA 0	0	0	0	0	0	0
			LSD (0.05)	8.14	9.85	3.63	10.17	13.80	11.59
			STANDARD DEVIATION	4.00	4.87	1.80	5.00	6.83	5.73

**TITLE:** Crop Response with Isoxadifen Product Blends on 4 Corn Hybrids. AS-300  
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**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Urbana **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 20.00 FT LONG  
**PLOT AREA:** 200.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD
		RATE	UNIT		P 34A15 06/12/07	N58-D1 06/12/07	P 3941 06/19/07	GH 2495 06/19/07	P 34A15 06/19/07	N58-D1 06/19/07
1A»	RESOLVE 25DF	0.016	LAA	12	5	7	75	7	0	2
B	ACCENT 75WG	0.023	LAA	12						
C»	COC	1.00	LAA	12						
D»	LIQUID AMS	5.00	PMV	12						
2A»	RESOLVE 25DF	0.016	LAA	12	0	2	0	0	0	0
B	ACCENT 75WG	0.023	LAA	12						
C»	ISOXADIFEN-ETH	0.008	LAA	12						
D»	COC	1.00	LAA	12						
E»	LIQUID AMS	5.00	PMV	12						
3A»	RESOLVE 25DF	0.031	LAA	12	13	27	83	43	2	9
B	ACCENT 75WG	0.047	LAA	12						
C»	COC	1.00	LAA	12						
D»	LIQUID AMS	5.00	PMV	12						
4A»	RESOLVE 25DF	0.031	LAA	12	0	7	12	0	0	0
B	ACCENT 75WG	0.047	LAA	12						
C»	ISOXADIFEN-ETH	0.006	LAA	12						
D»	COC	1.00	LAA	12						
E»	LIQUID AMS	5.00	PMV	12						
5A	ACCENT 75WG	0.031	LAA	12	2	3	29	5	0	0
B»	HARMONY GT 50W	0.004	LAA	12						
C»	COC	1.00	LAA	12						
D»	LIQUID AMS	5.00	PMV	12						
6A	ACCENT 75WG	0.031	LAA	12	0	0	0	0	0	0
B»	HARMONY GT 50W	0.004	LAA	12						
C»	ISOXADIFEN-ETH	0.006	LAA	12						
D»	COC	1.00	LAA	12						
E»	LIQUID AMS	5.00	PMV	12						
7A	ACCENT 75WG	0.063	LAA	12	3	5	72	14	0	0
B»	HARMONY GT 50W	0.0075	LAA	12						
C»	COC	1.00	LAA	12						
D»	LIQUID AMS	5.00	PMV	12						
8A	ACCENT 75WG	0.063	LAA	12	0	3	2	0	0	0
B»	HARMONY GT 50W	0.0075	LAA	12						
C»	ISOXADIFEN-ETH	0.031	LAA	12						
D»	COC	1.00	LAA	12						
E»	LIQUID AMS	5.00	PMV	12						
9A»	RESOLVE 25DF	0.014	LAA	12	8	13	47	12	2	2
B»	HARMONY GT 50W	0.003	LAA	12						
C»	COC	1.00	LAA	12						
D»	LIQUID AMS	5.00	PMV	12						
10A»	RESOLVE 25DF	0.014	LAA	12	2	1	0	0	0	0
B»	HARMONY GT 50W	0.003	LAA	12						
C»	ISOXADIFEN-ETH	0.007	LAA	12						
D»	COC	1.00	LAA	12						
E»	LIQUID AMS	5.00	PMV	12						
11A»	RESOLVE 25DF	0.029	LAA	12	3	25	83	65	0	6
B»	HARMONY GT 50W	0.006	LAA	12						
C»	COC	1.00	LAA	12						
D»	LIQUID AMS	5.00	PMV	12						
12A»	RESOLVE 25DF	0.029	LAA	12	2	3	13	0	2	2
B»	HARMONY GT 50W	0.006	LAA	12						
C»	ISOXADIFEN-ETH	0.014	LAA	12						
D»	COC	1.00	LAA	12						
E»	LIQUID AMS	5.00	PMV	12						

## TITLE: Crop Response with Isoxadifen Product Blends on 4 Corn Hybrids. AS-300

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD
		RATE	UNIT	P 34A15 06/12/07	N58-D1 06/12/07	P 3941 06/19/07	GH 2495 06/19/07	P 34A15 06/19/07	N58-D1 06/19/07
13A»	RESOLVE 25DF	0.016	LAA 12	0	3	11	0	2	0
	B CLARITY	0.12	LAA 12						
	C»COC	1.00	LAA 12						
	D»LIQUID AMS	5.00	PMV 12						
14A»	RESOLVE 25DF	0.016	LAA 12	0	3	2	0	0	0
	B CLARITY	0.12	LAA 12						
	C»ISOXADIFEN-ETH	0.008	LAA 12						
	D»COC	1.00	LAA 12						
	E»LIQUID AMS	5.00	PMV 12						
15A»	RESOLVE 25DF	0.031	LAA 12	3	9	16	3	0	6
	B CLARITY	0.24	LAA 12						
	C»COC	1.00	LAA 12						
	D»LIQUID AMS	5.00	PMV 12						
16A»	RESOLVE 25DF	0.031	LAA 12	0	6	0	0	0	0
	B CLARITY	0.24	LAA 12						
	C»ISOXADIFEN-ETH	0.016	LAA 12						
	D»COC	1.00	LAA 12						
	E»LIQUID AMS	5.00	PMV 12						
17A»	STATUS 56DG	0.35	LAA 12	1	0	2	0	0	0
	B»COC	1.00	LAA 12						
	C»LIQUID AMS	5.00	PMV 12						
18A	CHECK	0.00	NA 0	0	0	0	0	0	0
			LSD (0.05)	6.38	8.38	11.55	5.94	2.00	5.43
			STANDARD DEVIATION	3.16	4.14	5.71	2.94	1.00	2.68

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**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Urbana **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 20.00 FT LONG  
**PLOT AREA:** 200.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	ZEAMD	ZEAMD	ZEAMD
		RATE	UNIT	TM	P 3941 07/20/07	GH 2495 07/20/07	P 34A15 07/20/07	N58-D1 07/20/07
1A	RESOLVE 25DF	0.016	LAA	12	64	0	0	0
B	ACCENT 75WG	0.023	LAA	12				
C	COC	1.00	LAA	12				
D	LIQUID AMS	5.00	PMV	12				
2A	RESOLVE 25DF	0.016	LAA	12	0	0	0	0
B	ACCENT 75WG	0.023	LAA	12				
C	ISOXADIFEN-ETH	0.008	LAA	12				
D	COC	1.00	LAA	12				
E	LIQUID AMS	5.00	PMV	12				
3A	RESOLVE 25DF	0.031	LAA	12	63	17	0	0
B	ACCENT 75WG	0.047	LAA	12				
C	COC	1.00	LAA	12				
D	LIQUID AMS	5.00	PMV	12				
4A	RESOLVE 25DF	0.031	LAA	12	9	0	0	0
B	ACCENT 75WG	0.047	LAA	12				
C	ISOXADIFEN-ETH	0.006	LAA	12				
D	COC	1.00	LAA	12				
E	LIQUID AMS	5.00	PMV	12				
5A	ACCENT 75WG	0.031	LAA	12	23	2	0	0
B	HARMONY GT 50W	0.004	LAA	12				
C	COC	1.00	LAA	12				
D	LIQUID AMS	5.00	PMV	12				
6A	ACCENT 75WG	0.031	LAA	12	0	0	0	0
B	HARMONY GT 50W	0.004	LAA	12				
C	ISOXADIFEN-ETH	0.006	LAA	12				
D	COC	1.00	LAA	12				
E	LIQUID AMS	5.00	PMV	12				
7A	ACCENT 75WG	0.063	LAA	12	67	7	0	0
B	HARMONY GT 50W	0.0075	LAA	12				
C	COC	1.00	LAA	12				
D	LIQUID AMS	5.00	PMV	12				
8A	ACCENT 75WG	0.063	LAA	12	1	0	0	0
B	HARMONY GT 50W	0.0075	LAA	12				
C	ISOXADIFEN-ETH	0.031	LAA	12				
D	COC	1.00	LAA	12				
E	LIQUID AMS	5.00	PMV	12				
9A	RESOLVE 25DF	0.014	LAA	12	37	5	0	0
B	HARMONY GT 50W	0.003	LAA	12				
C	COC	1.00	LAA	12				
D	LIQUID AMS	5.00	PMV	12				
10A	RESOLVE 25DF	0.014	LAA	12	0	0	0	0
B	HARMONY GT 50W	0.003	LAA	12				
C	ISOXADIFEN-ETH	0.007	LAA	12				
D	COC	1.00	LAA	12				
E	LIQUID AMS	5.00	PMV	12				
11A	RESOLVE 25DF	0.029	LAA	12	67	42	0	0
B	HARMONY GT 50W	0.006	LAA	12				
C	COC	1.00	LAA	12				
D	LIQUID AMS	5.00	PMV	12				
12A	RESOLVE 25DF	0.029	LAA	12	12	0	0	0
B	HARMONY GT 50W	0.006	LAA	12				
C	ISOXADIFEN-ETH	0.014	LAA	12				
D	COC	1.00	LAA	12				
E	LIQUID AMS	5.00	PMV	12				

