

SOIL INFORMATIONTRIAL 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: 3

APPL. NUMBER	01	UNIT
TIMINGS	11	
TYPE	LIQMIX	
APPLICATION DATE	06/03/08	AME
AIR TEMPERATURE	83	F
% REL.HUMIDITY	56	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	7.0	M/H
CLOUD COVER	OVERCAST	
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	---	

* TIMING CODES

11 = ----- / EPOST

TITLE: Nicosulfuron comparisons for weed control in Corn. C-500
CREATED: 04/11/2008 **REVISED:** 11/11/2008 **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: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	CHEAL	POLPY	ABUTH	PHBPU
		RATE	UNIT		CON % 06/12/08	CON % 06/12/08	CON % 06/12/08	CON % 06/12/08	CON % 06/12/08	CON % 06/12/08
1A»	NICOSH 75DF	0.016	LAA	11	0	68	23	75	30	53
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
2A	ACCENT 75WG	0.016	LAA	11	0	68	25	72	32	53
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
3A»	NICOSH 75DF	0.031	LAA	11	0	82	32	89	57	63
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
4A	ACCENT 75WG	0.031	LAA	11	0	83	30	87	60	57
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
5A»	NICOSH 75DF	0.062	LAA	11	0	90	42	94	77	73
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
6A	ACCENT 75WG	0.062	LAA	11	0	88	43	90	72	70
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
7A»	NICOSH 75DF	0.125	LAA	11	3	95	63	97	88	79
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
8A	ACCENT 75WG	0.125	LAA	11	3	97	62	95	84	78
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
9A»	NICOSH 75DF	0.031	LAA	11	0	97	99	99	99	98
	B ATRAZINE DF	1.50	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
10A	ACCENT 75WG	0.031	LAA	11	0	98	99	99	99	99
	B ATRAZINE DF	1.50	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
11A»	NICOSH 75DF	0.031	LAA	11	0	92	96	97	99	81
	B CALLISTO 4SC	0.094	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
12A	ACCENT 75WG	0.031	LAA	11	0	93	94	98	99	79
	B CALLISTO 4SC	0.094	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A»	NICOSH 75DF	0.031	LAA	11	0	96	99	99	99	99
	B MARKSMAN SC	1.40	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
15A	ACCENT 75WG	0.031	LAA	11	0	95	99	99	99	99
	B MARKSMAN SC	1.40	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
16A»	RESOLVE 25DF	0.031	LAA	11	0	95	60	97	89	82
	B ACCENT 75WG	0.047	LAA	11						
	C»ISOXADIFEN-ETH	0.006	LAA	11						
	D»COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						

TITLE: Nicosulfuron comparisons for weed control in Corn. C-500							
LSD (0.05)	3.29	5.54	7.00	4.26	10.12	6.37	
STANDARD DEVIATION	1.61	2.72	3.42	2.09	5.00	3.12	

TITLE: Nicosulfuron comparisons for weed control in Corn. C-500
CREATED: 04/11/2008 **REVISED:** 11/11/2008 **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: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	XANST	AMBEL	ZEAMD	SETFA	CHEAL	POLPY
		RATE	UNIT		CON % 06/12/08	CON % 06/12/08	CON % 06/26/08	CON % 06/26/08	CON % 06/26/08	CON % 06/26/08
1A»	NICOSH 75DF	0.016	LAA	11	20	0	0	72	33	67
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
2A	ACCENT 75WG	0.016	LAA	11	22	0	0	73	37	68
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
3A»	NICOSH 75DF	0.031	LAA	11	40	23	0	81	48	77
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
4A	ACCENT 75WG	0.031	LAA	11	47	23	0	84	55	75
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
5A»	NICOSH 75DF	0.062	LAA	11	63	40	0	94	78	89
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
6A	ACCENT 75WG	0.062	LAA	11	60	35	0	95	75	87
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
7A»	NICOSH 75DF	0.125	LAA	11	72	55	0	98	89	98
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
8A	ACCENT 75WG	0.125	LAA	11	70	48	0	98	90	98
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
9A»	NICOSH 75DF	0.031	LAA	11	98	99	0	90	99	99
	B ATRAZINE DF	1.50	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
10A	ACCENT 75WG	0.031	LAA	11	96	99	0	94	99	99
	B ATRAZINE DF	1.50	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
11A»	NICOSH 75DF	0.031	LAA	11	94	94	0	84	99	99
	B CALLISTO 4SC	0.094	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
12A	ACCENT 75WG	0.031	LAA	11	93	93	0	80	99	99
	B CALLISTO 4SC	0.094	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A»	NICOSH 75DF	0.031	LAA	11	99	99	0	91	99	99
	B MARKSMAN SC	1.40	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
15A	ACCENT 75WG	0.031	LAA	11	99	99	0	86	99	99
	B MARKSMAN SC	1.40	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
16A»	RESOLVE 25DF	0.031	LAA	11	86	40	0	90	73	90
	B ACCENT 75WG	0.047	LAA	11						
	C»ISOXADIFEN-ETH	0.006	LAA	11						
	D»COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						

TITLE: Nicosulfuron comparisons for weed control in Corn. C-500							
LSD (0.05)	8.63	6.47	0.00	5.58	8.88	5.72	
STANDARD DEVIATION	4.23	3.17	0.00	2.73	4.35	2.80	

TITLE: Nicosulfuron comparisons for weed control in Corn. C-500
CREATED: 04/11/2008 **REVISED:** 11/11/2008 **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: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH	PHBPU	XANST	AMBEL
		RATE	UNIT		CON % 06/26/08	CON % 06/26/08	CON % 06/26/08	CON % 06/26/08
1A»	NICOSH 75DF	0.016	LAA	11	25	53	0	0
	B»COC	1.00	PMV	11				
	C 28% UAN	2.50	PMV	11				
2A	ACCENT 75WG	0.016	LAA	11	20	55	0	0
	B»COC	1.00	PMV	11				
	C 28% UAN	2.50	PMV	11				
3A»	NICOSH 75DF	0.031	LAA	11	43	63	27	0
	B»COC	1.00	PMV	11				
	C 28% UAN	2.50	PMV	11				
4A	ACCENT 75WG	0.031	LAA	11	47	68	30	0
	B»COC	1.00	PMV	11				
	C 28% UAN	2.50	PMV	11				
5A»	NICOSH 75DF	0.062	LAA	11	57	78	37	0
	B»COC	1.00	PMV	11				
	C 28% UAN	2.50	PMV	11				
6A	ACCENT 75WG	0.062	LAA	11	58	79	38	0
	B»COC	1.00	PMV	11				
	C 28% UAN	2.50	PMV	11				
7A»	NICOSH 75DF	0.125	LAA	11	80	83	62	0
	B»COC	1.00	PMV	11				
	C 28% UAN	2.50	PMV	11				
8A	ACCENT 75WG	0.125	LAA	11	81	91	73	0
	B»COC	1.00	PMV	11				
	C 28% UAN	2.50	PMV	11				
9A»	NICOSH 75DF	0.031	LAA	11	97	95	86	95
	B ATRAZINE DF	1.50	LAA	11				
	C»COC	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
10A	ACCENT 75WG	0.031	LAA	11	99	96	92	96
	B ATRAZINE DF	1.50	LAA	11				
	C»COC	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
11A»	NICOSH 75DF	0.031	LAA	11	99	86	83	92
	B CALLISTO 4SC	0.094	LAA	11				
	C»COC	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
12A	ACCENT 75WG	0.031	LAA	11	99	88	83	90
	B CALLISTO 4SC	0.094	LAA	11				
	C»COC	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
13A	CHECK	0.00	NA	0	0	0	0	0
14A»	NICOSH 75DF	0.031	LAA	11	99	99	97	97
	B MARKSMAN SC	1.40	LAA	11				
	C»COC	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
15A	ACCENT 75WG	0.031	LAA	11	99	99	98	98
	B MARKSMAN SC	1.40	LAA	11				
	C»COC	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
16A»	RESOLVE 25DF	0.031	LAA	11	72	85	67	30
	B ACCENT 75WG	0.047	LAA	11				
	C»ISOXADIFEN-ETH	0.006	LAA	11				
	D»COC	1.00	PMV	11				
	E 28% UAN	2.50	PMV	11				

TITLE: Nicosulfuron comparisons for weed control in Corn. C-500
 LSD (0.05) 7.81 6.72 8.18 4.44
 STANDARD DEVIATION 3.83 3.29 4.00 2.17

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 11 = ----- / EPOST 06/03/2008(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
001	ZEAMD	CON %	06/12/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/12/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/12/2008	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	POLPY	CON %	06/12/2008	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/12/2008	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/12/2008	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	XANST	CON %	06/12/2008	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBEL	CON %	06/12/2008	08	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ZEAMD	CON %	06/26/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	06/26/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	06/26/2008	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	POLPY	CON %	06/26/2008	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ABUTH	CON %	06/26/2008	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PHBPU	CON %	06/26/2008	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	XANST	CON %	06/26/2008	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	AMBEL	CON %	06/26/2008	08	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = PIONEER 34A20