

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.4
 %OM: 4.6
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET
 PLOT AREA: 225 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	05/05/10	AME
AIR TEMPERATURE	80	F
% REL.HUMIDITY	31	
WIND DIRECTION	WEST	
WIND SPEED	2.0	M/H
CLOUD COVER	CLEAR	
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	
SPRAY VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
SOYBEAN	---/00	
NKS30-F5	0.00/0.00	IN
05/05/2010		
*** PEST ***		
VELVETLEAF	---/00	
	0.00/0.00	IN
WATERHEMP, COMMO	---/00	
	0.00/0.00	IN
MORNINGGLORY, TA	---/00	
	0.00/0.00	IN
FOXTAIL, GIANT	---/00	
	0.00/0.00	IN
COCKLEBUR, COMMO	---/00	
	0.00/0.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE

* STAGE CODE

00 = DRY SEED
 00 = DRY SEED (CARYOPSIS)
 00 = DRY SEED; DORMANCY

TITLE: Soybean Preemergence Herbicide Comparison. AS-200
CREATED: 04/24/2010 **REVISED:** 08/10/2010 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 06/10/10	SETFA CON % 06/10/10	AMATA CON % 06/10/10	ABUTH CON % 06/10/10	XANST CON % 06/10/10	PHBPU CON % 06/10/10
1A»VALOR SX 51WDG	0.064	LAA	9	0	65	93	43	30	43
2A»VALOR XLT 40WG	0.075	LAA	0	0	72	97	67	53	74
B CLASSIC 25WG	0.019	LAA	9						
C»VALOR SX 51WDG	0.056	LAA	9						
3A GANGSTER FR	0.021	LAA	9	0	74	93	77	67	78
B GANGSTER V	0.064	LAA	9						
4A»FIERCE 76WG	0.14	LAA	9	0	83	94	73	57	70
5A»AUTHOR. ASSIST	0.156	LAA	9	0	72	80	72	60	72
6A»PREFIX 5.32SL	1.33	LAA	9	0	88	91	60	47	23
7A»AUTHOR. FIRST	0.14	LAA	9	0	58	72	66	57	58
8A»FIERCE 76WG	0.178	LAA	9	0	87	98	67	53	65
9A»OPTILL 68WG	0.085	LAA	9	0	76	82	65	72	82
10A»V-10206 85 WG	0.053	LAA	9	0	81	98	72	67	81
B»VALOR XLT 40WG	0.075	LAA	0						
C CLASSIC 25WG	0.019	LAA	9						
D»VALOR SX 51WDG	0.056	LAA	9						
11A PROWL H2O 3.8	1.19	LAA	9	0	81	91	48	43	55
12A»V-10206 85 WG	0.053	LAA	9	0	68	96	65	62	62
B»VALOR SX 51WDG	0.064	LAA	9						
13A CHECK	0.00	NA	0	0	0	0	0	0	0
14A»FIERCE 76WG	0.119	LAA	9	0	70	87	43	23	23
15A»AUTHORITY XL 7	0.14	LAA	9	0	65	89	58	47	53
16A»AUTHORITY XL 7	0.24	LAA	9	0	70	98	78	70	80
LSD (0.05)				0.00	9.71	7.89	16.00	15.58	24.44
STANDARD DEVIATION				0.00	4.76	3.86	7.85	7.63	12.00

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LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 06/22/10	SETFA CON % 06/22/10	AMATA CON % 06/22/10	ABUTH CON % 06/22/10	XANST CON % 06/22/10	PHBPU CON % 06/22/10
1A»VALOR SX 51WDG	0.064	LAA	9	0	47	82	47	37	30
2A»VALOR XLT 40WG	0.075	LAA	0	0	52	88	63	47	50
B CLASSIC 25WG	0.019	LAA	9						
C»VALOR SX 51WDG	0.056	LAA	9						
3A GANGSTER FR	0.021	LAA	9	0	53	73	68	55	67
B GANGSTER V	0.064	LAA	9						
4A»FIERCE 76WG	0.14	LAA	9	0	70	83	62	53	53
5A»AUTHOR. ASSIST	0.156	LAA	9	0	62	57	63	47	47
6A»PREFIX 5.32SL	1.33	LAA	9	0	89	83	47	37	23
7A»AUTHOR. FIRST	0.14	LAA	9	0	50	55	67	50	43
8A»FIERCE 76WG	0.178	LAA	9	0	70	88	70	60	53
9A»OPTILL 68WG	0.085	LAA	9	0	68	63	80	83	80
10A»V-10206 85 WG	0.053	LAA	9	0	57	91	72	65	67
B»VALOR XLT 40WG	0.075	LAA	0						
C CLASSIC 25WG	0.019	LAA	9						
D»VALOR SX 51WDG	0.056	LAA	9						
11A PROWL H2O 3.8	1.19	LAA	9	0	74	88	63	53	55
12A»V-10206 85 WG	0.053	LAA	9	0	60	89	67	57	48
B»VALOR SX 51WDG	0.064	LAA	9						
13A CHECK	0.00	NA	0	0	0	0	0	0	0
14A»FIERCE 76WG	0.119	LAA	9	0	50	68	40	33	23
15A»AUTHORITY XL 7	0.14	LAA	9	0	50	80	63	48	45
16A»AUTHORITY XL 7	0.24	LAA	9	0	53	86	70	60	62
LSD (0.05)				0.00	14.87	10.68	15.00	12.92	13.82
STANDARD DEVIATION				0.00	7.28	5.23	7.35	6.33	6.77

TITLE: Soybean Preemergence Herbicide Comparison. AS-200
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LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 07/06/10	SETFA CON % 07/06/10	AMATA CON % 07/06/10	ABUTH CON % 07/06/10	XANST CON % 07/06/10	PHBPU CON % 07/06/10
1A»VALOR SX 51WDG	0.064	LAA	9	0	37	73	40	30	23
2A»VALOR XLT 40WG	0.075	LAA	0	0	47	82	60	38	38
B CLASSIC 25WG	0.019	LAA	9						
C»VALOR SX 51WDG	0.056	LAA	9						
3A GANGSTER FR	0.021	LAA	9	0	47	68	63	47	50
B GANGSTER V	0.064	LAA	9						
4A»FIERCE 76WG	0.14	LAA	9	0	65	60	57	53	43
5A»AUTHOR. ASSIST	0.156	LAA	9	0	57	50	53	43	40
6A»PREFIX 5.32SL	1.33	LAA	9	0	86	77	40	33	27
7A»AUTHOR. FIRST	0.14	LAA	9	0	50	50	57	47	33
8A»FIERCE 76WG	0.178	LAA	9	0	65	84	70	50	47
9A»OPTILL 68WG	0.085	LAA	9	0	60	57	75	78	74
10A»V-10206 85 WG	0.053	LAA	9	0	50	87	68	58	57
B»VALOR XLT 40WG	0.075	LAA	0						
C CLASSIC 25WG	0.019	LAA	9						
D»VALOR SX 51WDG	0.056	LAA	9						
11A PROWL H2O 3.8	1.19	LAA	9	0	70	83	60	47	40
12A»V-10206 85 WG	0.053	LAA	9	0	53	83	60	50	43
B»VALOR SX 51WDG	0.064	LAA	9						
13A CHECK	0.00	NA	0	0	0	0	0	0	0
14A»FIERCE 76WG	0.119	LAA	9	0	43	60	37	27	23
15A»AUTHORITY XL 7	0.14	LAA	9	0	43	72	58	40	40
16A»AUTHORITY XL 7	0.24	LAA	9	0	43	82	68	57	53
LSD (0.05)				0.00	16.59	18.51	15.36	12.55	10.43
STANDARD DEVIATION				0.00	8.13	9.07	7.52	6.15	5.11

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/05/2010(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	06/10/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/10/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/10/2010	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/10/2010	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	XANST	CON %	06/10/2010	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/10/2010	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	06/22/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/22/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	06/22/2010	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ABUTH	CON %	06/22/2010	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	XANST	CON %	06/22/2010	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/22/2010	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	GLXMA	CON %	07/06/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	07/06/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Soybean Preemergence Herbicide Comparison. AS-200

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
015	AMATA	CON %	07/06/2010	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ABUTH	CON %	07/06/2010	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	XANST	CON %	07/06/2010	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PHBPU	CON %	07/06/2010	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = NKS30-F5