

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	11	
TYPE	LIQMIX	
APPLICATION DATE	06/06/05	AME
AIR TEMPERATURE	85	F
% REL.HUMIDITY	40	
WIND DIRECTION	WEST	
WIND SPEED	3.0	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
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
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 ***		
CORN, DENT	---/15	
ASGROW 715 RR	14.0/14.0	IN
05/04/2005		
*** PEST ***		
VELVETLEAF	---/14	
	2.00/4.00	IN
WATERHEMP, COMMO	---/19	
	2.00/6.00	IN
LAMBSQUARTERS, C	---/19	
	2.00/6.00	IN
MORNINGGLORY, TA	---/14	
	1.00/2.00	IN
SMARTWEED, PENNS	---/19	
	2.00/6.00	IN

* TIMING CODES

11 = ----- / EPOST

* STAGE CODE

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5 LEAVES UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Postemergence Broadleaf Weed Control in Corn. AS-200
CREATED: 04/18/2005 **REVISED:** 07/22/2005 **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 **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	CHEAL	POLPY	AMATA	ABUTH	PHBPU
		RATE	UNIT		CON % 06/17/05	CON % 06/17/05	CON % 06/17/05	CON % 06/17/05	CON % 06/06/05	CON % 06/06/05
1A	ATRAZINE DF	0.75	LAA	11	0	82	91	89	94	84
	B»GWN-3041 75WG	0.031	LAA	11						
	C»COC	1.25	PMV	11						
2A	HORNET 68.5WG	0.086	LAA	11	0	73	96	96	98	78
	B»GWN-3041 75WG	0.031	LAA	11						
	C»COC	1.00	PMV	11						
3A»	GWN-3039 67.5W	0.25	LAA	11	0	99	99	99	99	87
	B»COC	1.00	PMV	11						
4A	STEADFAST 75WG	0.035	LAA	11	8	80	94	79	97	87
	B»GWN-3041 75WG	0.031	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
5A	STEADFAST 75WG	0.035	LAA	11	10	68	90	20	93	75
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
6A»	GWN-3041 75WG	0.031	LAA	11	0	13	60	0	73	23
	B»COC	1.00	PMV	11						
7A	DISTINCT 70SG	0.175	LAA	11	0	99	99	99	99	96
	B»ACTIVATOR 90	0.25	PMV	11						
	C 28% UAN	2.50	PMV	11						
8A	CALLISTO 4SC	0.094	LAA	11	0	99	99	99	99	96
	B ATRAZINE DF	0.50	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
9A	BUCTRIL+ATRA	0.75	LAA	11	5	99	99	99	99	93
	B CALLISTO 4SC	0.023	LAA	11						
	C»COC	1.00	PMV	11						
10A	CHECK	0.00	NA	0	0	0	0	0	0	0
11A	SPIRIT 57WG	0.036	LAA	11	0	96	99	98	99	90
	B ATRAZINE DF	0.50	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
12A	NORTHSTAR	0.148	LAA	11	0	98	99	99	99	81
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
		LSD (0.05)			2.82	9.63	6.18	6.60	5.53	7.37
		STANDARD DEVIATION			1.36	4.64	3.00	3.18	2.67	3.55

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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 **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	CHEAL	POLPY	AMATA	ABUTH	PHBPU
		RATE	UNIT		CON % 07/06/05	CON % 07/06/05	CON % 07/06/05	CON % 07/06/05	CON % 07/06/05	CON % 07/06/05
1A	ATRAZINE DF	0.75	LAA	11	0	77	89	83	87	67
	B»GWN-3041 75WG	0.031	LAA	11						
	C»COC	1.25	PMV	11						
2A	HORNET 68.5WG	0.086	LAA	11	0	68	94	88	89	68
	B»GWN-3041 75WG	0.031	LAA	11						
	C»COC	1.00	PMV	11						
3A»	GWN-3039 67.5W	0.25	LAA	11	0	99	99	99	96	89
	B»COC	1.00	PMV	11						
4A	STEADFAST 75WG	0.035	LAA	11	0	62	91	86	92	82
	B»GWN-3041 75WG	0.031	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
5A	STEADFAST 75WG	0.035	LAA	11	0	65	88	80	87	79
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
6A»	GWN-3041 75WG	0.031	LAA	11	0	0	75	47	85	33
	B»COC	1.00	PMV	11						
7A	DISTINCT 70SG	0.175	LAA	11	0	99	99	99	98	96
	B»ACTIVATOR 90	0.25	PMV	11						
	C 28% UAN	2.50	PMV	11						
8A	CALLISTO 4SC	0.094	LAA	11	0	99	99	99	99	93
	B ATRAZINE DF	0.50	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
9A	BUCTRIL+ATRA	0.75	LAA	11	0	97	97	98	95	90
	B CALLISTO 4SC	0.023	LAA	11						
	C»COC	1.00	PMV	11						
10A	CHECK	0.00	NA	0	0	0	0	0	0	0
11A	SPIRIT 57WG	0.036	LAA	11	0	98	97	95	93	87
	B ATRAZINE DF	0.50	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
12A	NORTHSTAR	0.148	LAA	11	0	99	99	97	96	87
	B»COC	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
	STANDARD DEVIATION	LSD (0.05)			0.00	14.11	6.86	8.00	5.79	8.57
					0.00	6.80	3.31	3.87	2.79	4.13

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 11 = ----- / EPOST 06/06/2005(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	ZEAMD	CON %	06/17/2005	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	CHEAL	CON %	06/17/2005	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	POLPY	CON %	06/17/2005	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/17/2005	05	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/06/2005	06	P	ABUTH	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/06/2005	07	P	PHBPU	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	07/06/2005	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	CHEAL	CON %	07/06/2005	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Postemergence Broadleaf Weed Control in Corn. AS-200

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
009	POLPY	CON %	07/06/2005	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	07/06/2005	05	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	07/06/2005	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	07/06/2005	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 715 RR

* STAGE CODE

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED