

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.2
 %OM: 6.0
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 33 FEET
 PLOT AREA: 330 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	04	05	UNIT
TIMINGS	09	12	13	14	15	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/15/12	06/08/12	06/15/12	06/22/12	06/29/12	AME
AIR TEMPERATURE	85	84	87	75	80	F
% REL.HUMIDITY	24	30	34	46	49	
WIND DIRECTION	WEST	SOUTHWEST	SOUTH	NORTHWEST	EAST	
WIND SPEED	15.0	7.0	7.0	4.0	5.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	CLEAR	HAZY SUN	
DEW	---	NO	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/DRY	DRY/DRY	DRY/DRY	
SOIL CONDITION	---	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	20.000	IN
SCREEN SIZE						
SCREEN SZ DESC	NA	NA	NA	NA	NA	
SWATH WIDTH	10.0	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	WATER	
INC. DATE						AME
INC. START						24H
INC. END						24H
INC. DEPTH						IN
INC. EQUIPMENT	---	---	---	---	---	
DENSITY /						
*** CROP ***						
SOYBEAN		---/13	---/15	---/16	---/18	
NK S28-K1		3.00/5.00	7.00/8.00	9.00/11.0	12.0/14.0	IN
05/14/2012						
*** PEST ***						
RAGWEED, GIANT		---/18	---/19	---/19	---/19	
		3.00/7.00	1.00/14.0	1.00/14.0	1.00/14.0	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 12 = ----- / POST
 13 = ----- / LPOST
 14 = ----- / VLPOST
 15 = ----- / PO.DIRECTED

* STAGE CODE

13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH LEAF (6TH TRIFOLIATE LEAF) UNFOLDED, 7 NODES
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Tank-Mix and Application Timings for Giant Ragweed Control in Soybean. SW-1600W
CREATED: 04/25/2012 **REVISED:** 10/30/2012 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG
PLOT AREA: 330.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBTR	AMBTR	AMBTR	YIELD
		RATE	UNIT	TM	7 DAT1 06/15/12	21 DAT2 07/13/12	PREHRVST 09/26/12	BU/A 10/12/12
1A»	PREFIX 5.32SL	1.33	LAA	9	85	69	40	42.1
B»	RNDUP POWERMAX	0.56	LAA	12				
C»	LIQUID AMS	2.50	PMV	12				
2A»	RNDUP POWERMAX	0.56	LAA	12	87	68	28	45.4
B»	LIQUID AMS	2.50	PMV	12				
3A»	RNDUP POWERMAX	1.50	LAA	12	88	74	37	46.3
B»	LIQUID AMS	2.50	PMV	12				
4A»	FLEXSTAR GT 3.	1.23	LAA	12	86	65	32	47.6
B»	LIQUID AMS	2.50	PMV	12				
5A»	RNDUP POWERMAX	0.56	LAA	12	87	58	22	44.4
B	COBRA 2EC	0.195	LAA	12				
C»	LIQUID AMS	2.50	PMV	12				
6A»	RNDUP POWERMAX	0.56	LAA	12	87	96	96	47.7
B»	LIQUID AMS	2.50	PMV	12				
C	FLEXSTAR 1.88	0.31	LAA	13				
D»	COC	1.00	PMV	13				
7A»	RNDUP POWERMAX	0.56	LAA	12	87	96	97	47.9
B»	LIQUID AMS	2.50	PMV	12				
C	FLEXSTAR 1.88	0.31	LAA	14				
D»	COC	1.00	PMV	14				
8A»	RNDUP POWERMAX	0.56	LAA	12	84	93	82	46.2
B»	LIQUID AMS	2.50	PMV	12				
C	COBRA 2EC	0.195	LAA	13				
D»	COC	1.00	PMV	13				
9A»	RNDUP POWERMAX	0.56	LAA	12	86	95	83	52.5
B»	LIQUID AMS	2.50	PMV	12				
C	COBRA 2EC	0.195	LAA	14				
D»	COC	1.00	PMV	14				
10A»	FLEXSTAR GT 3.	1.23	LAA	12	90	94	92	48.8
B»	LIQUID AMS	2.50	PMV	12				
C	COBRA 2EC	0.125	LAA	14				
D»	COC	1.00	PMV	14				
11A»	PREFIX 5.32SL	1.33	LAA	9	70	67	32	40.1
B»	RNDUP POWERMAX	0.56	LAA	13				
C»	LIQUID AMS	2.50	PMV	13				
12A»	RNDUP POWERMAX	0.56	LAA	13	67	65	18	34.2
B»	LIQUID AMS	2.50	PMV	13				
13A»	RNDUP POWERMAX	1.50	LAA	13	83	80	62	44.2
B»	LIQUID AMS	2.50	PMV	13				
14A»	FLEXSTAR GT 3.	1.23	LAA	13	73	67	23	31.4
B»	LIQUID AMS	2.50	PMV	13				
15A»	RNDUP POWERMAX	0.56	LAA	13	78	52	10	28.8
B	COBRA 2EC	0.195	LAA	13				
C»	LIQUID AMS	2.50	PMV	13				
16A»	RNDUP POWERMAX	0.56	LAA	13	64	72	47	42.5
B»	LIQUID AMS	2.50	PMV	13				
C	FLEXSTAR 1.88	0.31	LAA	14				
D»	COC	1.00	PMV	14				
17A»	RNDUP POWERMAX	0.56	LAA	13	70	75	43	26.1
B»	LIQUID AMS	2.50	PMV	13				
C	FLEXSTAR 1.88	0.31	LAA	15				
D»	COC	1.00	PMV	15				

TITLE: Tank-Mix and Application Timings for Giant Ragweed Control in Soybean. SW-1600W

TRT NUM	TREATMENT COMPONENT	DOSAGE		AMBTR	AMBTR	AMBTR	YIELD
		RATE	UNIT	7 DAT1 06/15/12	21 DAT2 07/13/12	PREHRVST 09/26/12	BU/A 10/12/12
18A»	RNDUP POWERMAX	0.56	LAA 13	72	73	43	28.6
	B»LIQUID AMS	2.50	PMV 13				
	C COBRA 2EC	0.195	LAA 14				
	D»COC	1.00	PMV 14				
19A»	RNDUP POWERMAX	0.56	LAA 13	72	81	53	42.5
	B»LIQUID AMS	2.50	PMV 13				
	C COBRA 2EC	0.195	LAA 15				
	D»COC	1.00	PMV 15				
20A»	FLEXSTAR GT 3.	1.23	LAA 13	80	86	60	45.1
	B»LIQUID AMS	2.50	PMV 13				
	C COBRA 2EC	0.125	LAA 15				
	D»COC	1.00	PMV 15				
		LSD (0.05)		4.86	5.65	18.87	13.47
		STANDARD DEVIATION		2.40	2.80	9.34	6.67

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

09 = ----- / PREEMERGENCE 05/15/2012(1)
 12 = ----- / POST 06/08/2012(2)
 13 = ----- / LPOST 06/15/2012(3)
 14 = ----- / VLPOST 06/22/2012(4)
 15 = ----- / PO.DIRECTED 06/29/2012(5)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
001	AMBTR	7 DAT1	06/15/2012	02	P	AMBTR	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMBTR	21 DAT2	07/13/2012	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	PREHRVST	09/26/2012	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	YIELD	BU/A	10/12/2012	01	P	GLXMA		RAW	---	YLD	---	---	1.00 ---	NO	0001	0	Y

* SEE INDIVIDUAL EVALUATION COMMENTS UNDER SPECIFIC TRIAL NOTES

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

01 = NK S28-K1

* STAGE CODE

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED