

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/12/04	06/08/04	AME
AIR TEMPERATURE	84	75	F
% REL.HUMIDITY	55	77	
WIND DIRECTION	SOUTH	SOUTH	
WIND SPEED	12.0	3.0	M/H
CLOUD COVER	PARTCLDY	CLEAR	
DEW	NO	YES	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
SOYBEAN		---/14	
PIONEER 93B67		5.00/6.00	IN
05/12/2004			
*** PEST ***			
VELVETLEAF		---/14	
		2.00/4.00	IN
LAMBSQUARTERS, C		---/19	
		1.00/3.00	IN
MORNINGGLORY, TA		---/15	
		1.00/3.00	IN
SMARTWEED, PENNS		---/19	
		2.00/4.00	IN
FOXTAIL, GIANT		---/12	
		2.00/4.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 11 = ----- / EPOST

* STAGE CODE

12 = 2 LEAVES UNFOLDED
 14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Metribuzin Combinations for Weed Control in Soybean AS-200
CREATED: 04/21/2004 **REVISED:** 07/28/2004 **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	TREATMENT	DOSAGE	GLXMA	SETFA	CHEAL	POLPY	ABUTH	PHBPU	
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	
					05/31/04	05/31/04	05/31/04	05/31/04	
1A»	MANA-MET 75DF	0.375	LAA 9	2	65	99	99	75	23
B	SELECT (2EC)	0.094	LAA 11						
C»	COC	1.00	PMV 11						
2A»	MANA-MET 75DF	0.50	LAA 9	0	80	99	99	99	30
B	SELECT (2EC)	0.094	LAA 11						
C»	COC	1.00	PMV 11						
3A»	MANA-MET 75DF	0.625	LAA 9	2	91	99	99	99	47
B	SELECT (2EC)	0.094	LAA 11						
C»	COC	1.00	PMV 11						
4A»	MANA-MET 75DF	0.875	LAA 9	5	93	99	99	99	52
B	SELECT (2EC)	0.094	LAA 11						
C»	COC	1.00	PMV 11						
5A	SENCOR 75WG	0.375	LAA 9	0	67	99	99	75	27
B	SELECT (2EC)	0.094	LAA 11						
C»	COC	1.00	PMV 11						
6A	SENCOR 75WG	0.50	LAA 9	2	81	99	99	99	33
B	SELECT (2EC)	0.094	LAA 11						
C»	COC	1.00	PMV 11						
7A	SENCOR 75WG	0.625	LAA 9	2	84	99	99	99	43
B	SELECT (2EC)	0.094	LAA 11						
C»	COC	1.00	PMV 11						
8A	SENCOR 75WG	0.875	LAA 9	5	93	99	99	99	47
B	SELECT (2EC)	0.094	LAA 11						
C»	COC	1.00	PMV 11						
9A	CHECK	0.00	NA 0	0	0	0	0	0	0
10A	PROWL 3.3EC	0.83	LAA 9	0	93	99	99	99	53
B»	MANA-MET 75DF	0.50	LAA 9						
11A	PROWL 3.3EC	0.83	LAA 9	2	89	99	99	99	40
B	SENCOR 75WG	0.50	LAA 9						
12A»	DUAL II MAGNUM	1.59	LAA 9	0	99	99	99	99	40
B»	MANA-MET 75DF	0.50	LAA 9						
13A»	DUAL II MAGNUM	1.59	LAA 9	0	98	99	99	99	37
B	SENCOR 75WG	0.50	LAA 9						
14A»	COMMAND 3ME	1.00	LAA 9	0	99	99	99	99	37
B»	MANA-MET 75DF	0.50	LAA 9						
15A»	COMMAND 3ME	1.00	LAA 9	0	99	99	99	99	43
B	SENCOR 75WG	0.50	LAA 9						
16A	PURSUIT DG (70	0.063	LAA 9	0	96	99	99	99	96
B»	MANA-MET 75DF	0.50	LAA 9						
17A	PURSUIT DG (70	0.063	LAA 9	0	97	99	99	99	97
B	SENCOR 75WG	0.50	LAA 9						
18A»	PROWL H20 3.8C	1.19	LAA 9	12	91	99	99	99	95
B»	CANOPY XL 56.3	0.24	LAA 0						
C»	AUTHORITY	0.20	LAA 9						
D	CLASSIC 25WG	0.04	LAA 9						
19A»	COMMAND 3ME	1.00	LAA 9	13	99	99	99	99	98
B»	VALOR SX 51WDG	0.094	LAA 9						
C»	FIRSTRATE 84WG	0.032	LAA 9						
20A»	BOUNDARY 6.5EC	1.63	LAA 9	3	97	99	99	99	96
B»	AUTHORITY	0.188	LAA 9						

TITLE: Metribuzin Combinations for Weed Control in Soybean AS-200							
LSD (0.05)	3.81	4.73	0.00	0.00	2.68	9.58	
STANDARD DEVIATION	1.88	2.34	0.00	0.00	1.32	4.74	

TITLE: Metribuzin Combinations for Weed Control in Soybean AS-200
CREATED: 04/21/2004 **REVISED:** 07/28/2004 **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	TREATMENT	DOSAGE	GLXMA	SETFA	CHEAL	POLPY	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/30/04	06/30/04	06/30/04	06/30/04
1A»	MANA-MET 75DF	0.375	LAA	9	0	99	89	89
B	SELECT (2EC)	0.094	LAA	11				80
C»	COC	1.00	PMV	11				0
2A»	MANA-MET 75DF	0.50	LAA	9	0	99	99	99
B	SELECT (2EC)	0.094	LAA	11				94
C»	COC	1.00	PMV	11				0
3A»	MANA-MET 75DF	0.625	LAA	9	0	99	99	99
B	SELECT (2EC)	0.094	LAA	11				99
C»	COC	1.00	PMV	11				0
4A»	MANA-MET 75DF	0.875	LAA	9	0	99	99	99
B	SELECT (2EC)	0.094	LAA	11				99
C»	COC	1.00	PMV	11				10
5A	SENCOR 75WG	0.375	LAA	9	0	99	89	99
B	SELECT (2EC)	0.094	LAA	11				83
C»	COC	1.00	PMV	11				0
6A	SENCOR 75WG	0.50	LAA	9	0	99	99	99
B	SELECT (2EC)	0.094	LAA	11				95
C»	COC	1.00	PMV	11				0
7A	SENCOR 75WG	0.625	LAA	9	0	99	99	99
B	SELECT (2EC)	0.094	LAA	11				99
C»	COC	1.00	PMV	11				7
8A	SENCOR 75WG	0.875	LAA	9	0	99	99	99
B	SELECT (2EC)	0.094	LAA	11				99
C»	COC	1.00	PMV	11				10
9A	CHECK	0.00	NA	0	0	0	0	0
10A	PROWL 3.3EC	0.83	LAA	9	0	88	99	99
B»	MANA-MET 75DF	0.50	LAA	9				99
11A	PROWL 3.3EC	0.83	LAA	9	0	89	99	99
B	SENCOR 75WG	0.50	LAA	9				99
12A»	DUAL II MAGNUM	1.59	LAA	9	0	97	99	99
B»	MANA-MET 75DF	0.50	LAA	9				99
13A»	DUAL II MAGNUM	1.59	LAA	9	0	96	99	99
B	SENCOR 75WG	0.50	LAA	9				99
14A»	COMMAND 3ME	1.00	LAA	9	0	99	99	99
B»	MANA-MET 75DF	0.50	LAA	9				99
15A»	COMMAND 3ME	1.00	LAA	9	0	98	99	99
B	SENCOR 75WG	0.50	LAA	9				99
16A	PURSUIT DG (70	0.063	LAA	9	0	94	99	98
B»	MANA-MET 75DF	0.50	LAA	9				99
17A	PURSUIT DG (70	0.063	LAA	9	0	94	99	98
B	SENCOR 75WG	0.50	LAA	9				99
18A»	PROWL H20 3.8C	1.19	LAA	9	0	85	99	99
B»	CANOPY XL 56.3	0.24	LAA	0				99
C»	AUTHORITY	0.20	LAA	9				
D	CLASSIC 25WG	0.04	LAA	9				
19A»	COMMAND 3ME	1.00	LAA	9	0	96	99	99
B»	VALOR SX 51WDG	0.094	LAA	9				99
C»	FIRSTRATE 84WG	0.032	LAA	9				93
20A»	BOUNDARY 6.5EC	1.63	LAA	9	0	92	99	99
B»	AUTHORITY	0.188	LAA	9				98

TITLE: Metribuzin Combinations for Weed Control in Soybean AS-200							
LSD (0.05)	0.00	4.48	1.55	2.00	2.59	13.28	
STANDARD DEVIATION	0.00	2.22	0.766	1.00	1.28	6.57	

TITLE: Metribuzin Combinations for Weed Control in Soybean AS-200
CREATED: 04/21/2004 **REVISED:** 07/28/2004 **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	TREATMENT	DOSAGE	GLXMA	SETFA	CHEAL	POLPY	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %
			TM	07/20/04	07/20/04	07/20/04	07/20/04	07/20/04
1A»	MANA-MET 75DF	0.375	LAA 9	0	99	92	97	93
B	SELECT (2EC)	0.094	LAA 11					
C»	COC	1.00	PMV 11					0
2A»	MANA-MET 75DF	0.50	LAA 9	0	99	96	99	96
B	SELECT (2EC)	0.094	LAA 11					
C»	COC	1.00	PMV 11					0
3A»	MANA-MET 75DF	0.625	LAA 9	0	99	99	99	98
B	SELECT (2EC)	0.094	LAA 11					
C»	COC	1.00	PMV 11					23
4A»	MANA-MET 75DF	0.875	LAA 9	0	99	99	99	99
B	SELECT (2EC)	0.094	LAA 11					
C»	COC	1.00	PMV 11					30
5A	SENCOR 75WG	0.375	LAA 9	0	99	97	99	93
B	SELECT (2EC)	0.094	LAA 11					
C»	COC	1.00	PMV 11					0
6A	SENCOR 75WG	0.50	LAA 9	0	99	97	99	96
B	SELECT (2EC)	0.094	LAA 11					
C»	COC	1.00	PMV 11					0
7A	SENCOR 75WG	0.625	LAA 9	0	99	98	98	98
B	SELECT (2EC)	0.094	LAA 11					
C»	COC	1.00	PMV 11					27
8A	SENCOR 75WG	0.875	LAA 9	0	99	99	99	99
B	SELECT (2EC)	0.094	LAA 11					
C»	COC	1.00	PMV 11					27
9A	CHECK	0.00	NA 0	0	0	0	0	0
10A	PROWL 3.3EC	0.83	LAA 9	0	89	99	99	99
B»	MANA-MET 75DF	0.50	LAA 9					28
11A	PROWL 3.3EC	0.83	LAA 9	0	73	99	99	99
B	SENCOR 75WG	0.50	LAA 9					30
12A»	DUAL II MAGNUM	1.59	LAA 9	0	96	99	99	99
B»	MANA-MET 75DF	0.50	LAA 9					17
13A»	DUAL II MAGNUM	1.59	LAA 9	0	97	99	99	99
B	SENCOR 75WG	0.50	LAA 9					13
14A»	COMMAND 3ME	1.00	LAA 9	0	99	99	99	99
B»	MANA-MET 75DF	0.50	LAA 9					37
15A»	COMMAND 3ME	1.00	LAA 9	0	99	99	99	99
B	SENCOR 75WG	0.50	LAA 9					27
16A	PURSUIT DG (70	0.063	LAA 9	0	94	99	98	99
B»	MANA-MET 75DF	0.50	LAA 9					94
17A	PURSUIT DG (70	0.063	LAA 9	0	97	98	98	99
B	SENCOR 75WG	0.50	LAA 9					96
18A»	PROWL H20 3.8C	1.19	LAA 9	0	65	99	99	99
B»	CANOPY XL 56.3	0.24	LAA 0					94
C»	AUTHORITY	0.20	LAA 9					
D	CLASSIC 25WG	0.04	LAA 9					
19A»	COMMAND 3ME	1.00	LAA 9	0	91	99	98	99
B»	VALOR SX 51WDG	0.094	LAA 9					92
C»	FIRSTRATE 84WG	0.032	LAA 9					
20A»	BOUNDARY 6.5EC	1.63	LAA 9	0	86	99	99	97
B»	AUTHORITY	0.188	LAA 9					92

TITLE: Metribuzin Combinations for Weed Control in Soybean AS-200

LSD (0.05)	0.00	7.55	2.00	1.80	3.44	11.00
STANDARD DEVIATION	0.00	3.74	1.00	0.892	1.70	5.45

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/12/2004(1)

11 = ----- / EPOST 06/08/2004(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	CON %	05/31/2004	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/31/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/31/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	POLPY	CON %	05/31/2004	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	05/31/2004	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	05/31/2004	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	06/30/2004	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/30/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	06/30/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	POLPY	CON %	06/30/2004	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	06/30/2004	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/30/2004	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	GLXMA	CON %	07/20/2004	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	07/20/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	07/20/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	POLPY	CON %	07/20/2004	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ABUTH	CON %	07/20/2004	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PHBPU	CON %	07/20/2004	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 93B67