

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.6
%OM: 4.7
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE: 0
PLOT WIDTH: 10 X 60 FEET
PLOT AREA: 600 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	09	11	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	06/02/08	06/20/08	06/30/08	07/11/08	AME
AIR TEMPERATURE	84	90	75	85	F
% REL.HUMIDITY	56	22	33	42	
WIND DIRECTION	SOUTHWEST	WEST	WEST	SOUTHWEST	
WIND SPEED	7.0	2.0	6.0	5.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	PARTCLDY	
DEW	NO	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	IN
SCREEN SIZE					
SCREEN SZ DESC	NA	NA	NA	NA	
SWATH WIDTH	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
SCREEN SIZE	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** PEST ***					
VELVETLEAF		---/12 1.00/3.00	---/15 4.00/6.00	---/18 4.00/8.00	IN
WATERHEMP, COMMO		---/15 1.00/2.00	---/19 2.00/6.00	---/19 2.00/8.00	IN
LAMBSQUARTERS, C		---/17 1.00/2.00	---/19 2.00/6.00	---/19 3.00/7.00	IN
SOYBEAN ASGROW 3302 RR/S 06/02/2008		---/13 4.00/4.00	---/15 8.00/8.00	---/16 10.0/10.0	IN
MORNINGGLORY, TA		---/13 1.00/2.00	---/19 2.00/4.00	---/19 3.00/6.00	IN
FOXTAIL, GIANT		---/13 5.00/5.00	---/14 2.00/8.00	---/15 4.00/10.0	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
11 = ----- / EPOST
12 = ----- / POST
13 = ----- / LPOST

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
13 = 3 LEAVES UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4 LEAVES UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
15 = 5 LEAVES UNFOLDED
16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES

*** STAGE CODE**

17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Soybean population by row spacing trial. AS-200
CREATED: 05/04/2008 **REVISED:** 10/27/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 60.00 FT LONG
PLOT AREA: 600.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT		CON % 06/19/08	CON % 06/19/08	CON % 06/19/08	CON % 06/19/08	CON % 06/19/08	CON % 06/19/08
1A	AUTHOR. ASSIST	0.156	LAA	9	0	97	99	99	99	98
B	RNDUP POWERMAX	0.77	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
D	75,000 POPULAT	0.00	NA	0						
E	15" ROWS	0.00	NA	0						
2A	RNDUP POWERMAX	0.77	LAA	12	0	C	C	C	C	C
B	LIQUID AMS	2.50	PMV	12						
C	75,000 POPULAT	0.00	NA	0						
D	15" ROWS	0.00	NA	0						
3A	RNDUP POWERMAX	0.77	LAA	11	0	C	C	C	C	C
B	LIQUID AMS	2.50	PMV	11						
C	RNDUP POWERMAX	0.77	LAA	13						
D	LIQUID AMS	2.50	PMV	13						
E	75,000 POPULAT	0.00	NA	0						
F	15" ROWS	0.00	NA	0						
4A	HAND WEEDED	0.00	NA	0	0	99	99	99	99	99
B	75,000 POPULAT	0.00	NA	0						
C	15" ROWS	0.00	NA	0						
D	DUAL MAGNUM	1.91	LAA	9						
E	CANOPY 75WG	0.375	LAA	9						
F	RNDUP POWERMAX	0.77	LAA	11						
G	LIQUID AMS	2.50	PMV	11						
H	RNDUP POWERMAX	0.77	LAA	13						
I	LIQUID AMS	2.50	PMV	13						
5A	AUTHOR. ASSIST	0.156	LAA	9	0	97	99	99	99	98
B	RNDUP POWERMAX	0.77	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
D	75,000 POPULAT	0.00	NA	0						
E	30" ROWS	0.00	NA	0						
6A	RNDUP POWERMAX	0.77	LAA	12	0	C	C	C	C	C
B	LIQUID AMS	2.50	PMV	12						
C	75,000 POPULAT	0.00	NA	0						
D	30" ROWS	0.00	NA	0						
7A	RNDUP POWERMAX	0.77	LAA	11	0	C	C	C	C	C
B	LIQUID AMS	2.50	PMV	11						
C	RNDUP POWERMAX	0.77	LAA	13						
D	LIQUID AMS	2.50	PMV	13						
E	75,000 POPULAT	0.00	NA	0						
F	30" ROWS	0.00	NA	0						
8A	HAND WEEDED	0.00	NA	0	0	99	99	99	99	99
B	75,000 POPULAT	0.00	NA	0						
C	30" ROWS	0.00	NA	0						
D	DUAL MAGNUM	1.91	LAA	9						
E	CANOPY 75WG	0.375	LAA	9						
F	RNDUP POWERMAX	0.77	LAA	11						
G	LIQUID AMS	2.50	PMV	11						
H	RNDUP POWERMAX	0.77	LAA	13						
I	LIQUID AMS	2.50	PMV	13						
9A	AUTHOR. ASSIST	0.156	LAA	9	0	96	99	99	99	98
B	RNDUP POWERMAX	0.77	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
D	125,000 POPULA	0.00	NA	0						
E	15" ROWS	0.00	NA	0						
10A	RNDUP POWERMAX	0.77	LAA	12	0	C	C	C	C	C
B	LIQUID AMS	2.50	PMV	12						
C	125,000 POPULA	0.00	NA	0						
D	15" ROWS	0.00	NA	0						

TITLE: Soybean population by row spacing trial. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT		CON % 06/19/08	CON % 06/19/08	CON % 06/19/08	CON % 06/19/08	CON % 06/19/08	CON % 06/19/08
11A	RNDUP POWERMAX	0.77	LAA	11	0	C	C	C	C	C
	B>LIQUID AMS	2.50	PMV	11						
	C>RNDUP POWERMAX	0.77	LAA	13						
	D>LIQUID AMS	2.50	PMV	13						
	E>125,000 POPULA	0.00	NA	0						
	F>15" ROWS	0.00	NA	0						
12A	HAND WEEDED	0.00	NA	0	0	99	99	99	99	99
	B>125,000 POPULA	0.00	NA	0						
	C>15" ROWS	0.00	NA	0						
	D DUAL MAGNUM	1.91	LAA	9						
	E CANOPY 75WG	0.375	LAA	9						
	F>RNDUP POWERMAX	0.77	LAA	11						
	G>LIQUID AMS	2.50	PMV	11						
	H>RNDUP POWERMAX	0.77	LAA	13						
	I>LIQUID AMS	2.50	PMV	13						
13A	AUTHOR. ASSIST	0.156	LAA	9	0	98	99	99	99	96
	B>RNDUP POWERMAX	0.77	LAA	12						
	C>LIQUID AMS	2.50	PMV	12						
	D>125,000 POPULA	0.00	NA	0						
	E>30" ROWS	0.00	NA	0						
14A	RNDUP POWERMAX	0.77	LAA	12	0	C	C	C	C	C
	B>LIQUID AMS	2.50	PMV	12						
	C>125,000 POPULA	0.00	NA	0						
	D>30" ROWS	0.00	NA	0						
15A	RNDUP POWERMAX	0.77	LAA	11	0	C	C	C	C	C
	B>LIQUID AMS	2.50	PMV	11						
	C>RNDUP POWERMAX	0.77	LAA	13						
	D>LIQUID AMS	2.50	PMV	13						
	E>125,000 POPULA	0.00	NA	0						
	F>30" ROWS	0.00	NA	0						
16A	HAND WEEDED	0.00	NA	0	0	99	99	99	99	99
	B>125,000 POPULA	0.00	NA	0						
	C>30" ROWS	0.00	NA	0						
	D DUAL MAGNUM	1.91	LAA	9						
	E CANOPY 75WG	0.375	LAA	9						
	F>RNDUP POWERMAX	0.77	LAA	11						
	G>LIQUID AMS	2.50	PMV	11						
	H>RNDUP POWERMAX	0.77	LAA	13						
	I>LIQUID AMS	2.50	PMV	13						
17A	AUTHOR. ASSIST	0.156	LAA	9	0	97	99	99	99	98
	B>RNDUP POWERMAX	0.77	LAA	12						
	C>LIQUID AMS	2.50	PMV	12						
	D>175,000 POPULA	0.00	NA	0						
	E>15" ROWS	0.00	NA	0						
18A	RNDUP POWERMAX	0.77	LAA	12	0	C	C	C	C	C
	B>LIQUID AMS	2.50	PMV	12						
	C>175,000 POPULA	0.00	NA	0						
	D>15" ROWS	0.00	NA	0						
19A	RNDUP POWERMAX	0.77	LAA	11	0	C	C	C	C	C
	B>LIQUID AMS	2.50	PMV	11						
	C>RNDUP POWERMAX	0.77	LAA	13						
	D>LIQUID AMS	2.50	PMV	13						
	E>175,000 POPULA	0.00	NA	0						
	F>15" ROWS	0.00	NA	0						
20A	HAND WEEDED	0.00	NA	0	0	99	99	99	99	99
	B>175,000 POPULA	0.00	NA	0						
	C>15" ROWS	0.00	NA	0						
	D DUAL MAGNUM	1.91	LAA	9						
	E CANOPY 75WG	0.375	LAA	9						
	F>RNDUP POWERMAX	0.77	LAA	11						
	G>LIQUID AMS	2.50	PMV	11						
	H>RNDUP POWERMAX	0.77	LAA	13						
	I>LIQUID AMS	2.50	PMV	13						

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TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT		CON % 06/19/08	CON % 06/19/08	CON % 06/19/08	CON % 06/19/08	CON % 06/19/08	CON % 06/19/08
21A	AUTHOR. ASSIST	0.156	LAA	9	0	96	99	99	99	97
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
	D»175,000 POPULA	0.00	NA	0						
	E»30" ROWS	0.00	NA	0						
22A	RNDUP POWERMAX	0.77	LAA	12	0	C	C	C	C	C
	B»LIQUID AMS	2.50	PMV	12						
	C»175,000 POPULA	0.00	NA	0						
	D»30" ROWS	0.00	NA	0						
23A	RNDUP POWERMAX	0.77	LAA	11	0	C	C	C	C	C
	B»LIQUID AMS	2.50	PMV	11						
	C»RNDUP POWERMAX	0.77	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
	E»175,000 POPULA	0.00	NA	0						
	F»30" ROWS	0.00	NA	0						
24A	HAND WEEDED	0.00	NA	0	0	99	99	99	99	99
	B»175,000 POPULA	0.00	NA	0						
	C»30" ROWS	0.00	NA	0						
	D DUAL MAGNUM	1.91	LAA	9						
	E CANOPY 75WG	0.375	LAA	9						
	F»RNDUP POWERMAX	0.77	LAA	11						
	G»LIQUID AMS	2.50	PMV	11						
	H»RNDUP POWERMAX	0.77	LAA	13						
	I»LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			0.00	2.00	0.192	0.192	0.00	1.50
		STANDARD DEVIATION			0.00	1.00	0.096	0.096	0.00	0.748

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PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 60.00 FT LONG
PLOT AREA: 600.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT		CON % 06/30/08	CON % 06/30/08	CON % 06/30/08	CON % 06/30/08	CON % 06/30/08	CON % 06/30/08
1A	AUTHOR. ASSIST	0.156	LAA	9	0	78	99	98	97	90
B	RNDUP POWERMAX	0.77	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
D	75,000 POPULAT	0.00	NA	0						
E	15" ROWS	0.00	NA	0						
2A	RNDUP POWERMAX	0.77	LAA	12	0	C	C	C	C	C
B	LIQUID AMS	2.50	PMV	12						
C	75,000 POPULAT	0.00	NA	0						
D	15" ROWS	0.00	NA	0						
3A	RNDUP POWERMAX	0.77	LAA	11	0	99	99	99	97	73
B	LIQUID AMS	2.50	PMV	11						
C	RNDUP POWERMAX	0.77	LAA	13						
D	LIQUID AMS	2.50	PMV	13						
E	75,000 POPULAT	0.00	NA	0						
F	15" ROWS	0.00	NA	0						
4A	HAND WEEDED	0.00	NA	0	0	99	99	99	99	99
B	75,000 POPULAT	0.00	NA	0						
C	15" ROWS	0.00	NA	0						
D	DUAL MAGNUM	1.91	LAA	9						
E	CANOPY 75WG	0.375	LAA	9						
F	RNDUP POWERMAX	0.77	LAA	11						
G	LIQUID AMS	2.50	PMV	11						
H	RNDUP POWERMAX	0.77	LAA	13						
I	LIQUID AMS	2.50	PMV	13						
5A	AUTHOR. ASSIST	0.156	LAA	9	0	74	98	96	97	90
B	RNDUP POWERMAX	0.77	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
D	75,000 POPULAT	0.00	NA	0						
E	30" ROWS	0.00	NA	0						
6A	RNDUP POWERMAX	0.77	LAA	12	0	C	C	C	C	C
B	LIQUID AMS	2.50	PMV	12						
C	75,000 POPULAT	0.00	NA	0						
D	30" ROWS	0.00	NA	0						
7A	RNDUP POWERMAX	0.77	LAA	11	0	99	99	99	96	74
B	LIQUID AMS	2.50	PMV	11						
C	RNDUP POWERMAX	0.77	LAA	13						
D	LIQUID AMS	2.50	PMV	13						
E	75,000 POPULAT	0.00	NA	0						
F	30" ROWS	0.00	NA	0						
8A	HAND WEEDED	0.00	NA	0	0	99	99	99	99	99
B	75,000 POPULAT	0.00	NA	0						
C	30" ROWS	0.00	NA	0						
D	DUAL MAGNUM	1.91	LAA	9						
E	CANOPY 75WG	0.375	LAA	9						
F	RNDUP POWERMAX	0.77	LAA	11						
G	LIQUID AMS	2.50	PMV	11						
H	RNDUP POWERMAX	0.77	LAA	13						
I	LIQUID AMS	2.50	PMV	13						
9A	AUTHOR. ASSIST	0.156	LAA	9	0	74	99	97	98	93
B	RNDUP POWERMAX	0.77	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
D	125,000 POPULA	0.00	NA	0						
E	15" ROWS	0.00	NA	0						
10A	RNDUP POWERMAX	0.77	LAA	12	0	C	C	C	C	C
B	LIQUID AMS	2.50	PMV	12						
C	125,000 POPULA	0.00	NA	0						
D	15" ROWS	0.00	NA	0						

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TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT		CON % 06/30/08	CON % 06/30/08	CON % 06/30/08	CON % 06/30/08	CON % 06/30/08	CON % 06/30/08
11A	RNDUP POWERMAX	0.77	LAA	11	0	99	99	99	98	82
B	LIQUID AMS	2.50	PMV	11						
C	RNDUP POWERMAX	0.77	LAA	13						
D	LIQUID AMS	2.50	PMV	13						
E	125,000 POPULA	0.00	NA	0						
F	15" ROWS	0.00	NA	0						
12A	HAND WEEDED	0.00	NA	0	0	99	99	99	99	99
B	125,000 POPULA	0.00	NA	0						
C	15" ROWS	0.00	NA	0						
D	DUAL MAGNUM	1.91	LAA	9						
E	CANOPY 75WG	0.375	LAA	9						
F	RNDUP POWERMAX	0.77	LAA	11						
G	LIQUID AMS	2.50	PMV	11						
H	RNDUP POWERMAX	0.77	LAA	13						
I	LIQUID AMS	2.50	PMV	13						
13A	AUTHOR. ASSIST	0.156	LAA	9	0	73	99	98	98	93
B	RNDUP POWERMAX	0.77	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
D	125,000 POPULA	0.00	NA	0						
E	30" ROWS	0.00	NA	0						
14A	RNDUP POWERMAX	0.77	LAA	12	0	C	C	C	C	C
B	LIQUID AMS	2.50	PMV	12						
C	125,000 POPULA	0.00	NA	0						
D	30" ROWS	0.00	NA	0						
15A	RNDUP POWERMAX	0.77	LAA	11	0	99	99	99	97	76
B	LIQUID AMS	2.50	PMV	11						
C	RNDUP POWERMAX	0.77	LAA	13						
D	LIQUID AMS	2.50	PMV	13						
E	125,000 POPULA	0.00	NA	0						
F	30" ROWS	0.00	NA	0						
16A	HAND WEEDED	0.00	NA	0	0	99	99	99	99	99
B	125,000 POPULA	0.00	NA	0						
C	30" ROWS	0.00	NA	0						
D	DUAL MAGNUM	1.91	LAA	9						
E	CANOPY 75WG	0.375	LAA	9						
F	RNDUP POWERMAX	0.77	LAA	11						
G	LIQUID AMS	2.50	PMV	11						
H	RNDUP POWERMAX	0.77	LAA	13						
I	LIQUID AMS	2.50	PMV	13						
17A	AUTHOR. ASSIST	0.156	LAA	9	0	80	99	99	99	97
B	RNDUP POWERMAX	0.77	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
D	175,000 POPULA	0.00	NA	0						
E	15" ROWS	0.00	NA	0						
18A	RNDUP POWERMAX	0.77	LAA	12	0	C	C	C	C	C
B	LIQUID AMS	2.50	PMV	12						
C	175,000 POPULA	0.00	NA	0						
D	15" ROWS	0.00	NA	0						
19A	RNDUP POWERMAX	0.77	LAA	11	0	99	99	99	99	81
B	LIQUID AMS	2.50	PMV	11						
C	RNDUP POWERMAX	0.77	LAA	13						
D	LIQUID AMS	2.50	PMV	13						
E	175,000 POPULA	0.00	NA	0						
F	15" ROWS	0.00	NA	0						
20A	HAND WEEDED	0.00	NA	0	0	99	99	99	99	99
B	175,000 POPULA	0.00	NA	0						
C	15" ROWS	0.00	NA	0						
D	DUAL MAGNUM	1.91	LAA	9						
E	CANOPY 75WG	0.375	LAA	9						
F	RNDUP POWERMAX	0.77	LAA	11						
G	LIQUID AMS	2.50	PMV	11						
H	RNDUP POWERMAX	0.77	LAA	13						
I	LIQUID AMS	2.50	PMV	13						

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TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT		CON % 06/30/08	CON % 06/30/08	CON % 06/30/08	CON % 06/30/08	CON % 06/30/08	CON % 06/30/08
21A	AUTHOR. ASSIST	0.156	LAA	9	0	78	99	97	98	94
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
	D»175,000 POPULA	0.00	NA	0						
	E»30" ROWS	0.00	NA	0						
22A	RNDUP POWERMAX	0.77	LAA	12	0	C	C	C	C	C
	B»LIQUID AMS	2.50	PMV	12						
	C»175,000 POPULA	0.00	NA	0						
	D»30" ROWS	0.00	NA	0						
23A	RNDUP POWERMAX	0.77	LAA	11	0	99	99	99	99	79
	B»LIQUID AMS	2.50	PMV	11						
	C»RNDUP POWERMAX	0.77	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
	E»175,000 POPULA	0.00	NA	0						
	F»30" ROWS	0.00	NA	0						
24A	HAND WEEDED	0.00	NA	0	0	99	99	99	99	99
	B»175,000 POPULA	0.00	NA	0						
	C»30" ROWS	0.00	NA	0						
	D DUAL MAGNUM	1.91	LAA	9						
	E CANOPY 75WG	0.375	LAA	9						
	F»RNDUP POWERMAX	0.77	LAA	11						
	G»LIQUID AMS	2.50	PMV	11						
	H»RNDUP POWERMAX	0.77	LAA	13						
	I»LIQUID AMS	2.50	PMV	13						
	LSD (0.05)				0.00	3.74	0.785	2.09	1.89	5.36
	STANDARD DEVIATION				0.00	1.87	0.393	1.00	0.944	2.68

TITLE: Soybean population by row spacing trial. AS-200
CREATED: 05/04/2008 **REVISED:** 10/27/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 60.00 FT LONG
PLOT AREA: 600.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT		CON % 07/29/08	CON % 07/29/08	CON % 07/29/08	CON % 07/29/08	CON % 07/29/08	CON % 07/29/08
1A	AUTHOR. ASSIST	0.156	LAA	9	0	99	99	99	99	98
B	RNDUP POWERMAX	0.77	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
D	75,000 POPULAT	0.00	NA	0						
E	15" ROWS	0.00	NA	0						
2A	RNDUP POWERMAX	0.77	LAA	12	0	75	82	72	83	55
B	LIQUID AMS	2.50	PMV	12						
C	75,000 POPULAT	0.00	NA	0						
D	15" ROWS	0.00	NA	0						
3A	RNDUP POWERMAX	0.77	LAA	11	0	85	97	96	98	84
B	LIQUID AMS	2.50	PMV	11						
C	RNDUP POWERMAX	0.77	LAA	13						
D	LIQUID AMS	2.50	PMV	13						
E	75,000 POPULAT	0.00	NA	0						
F	15" ROWS	0.00	NA	0						
4A	HAND WEEDED	0.00	NA	0	0	99	99	99	99	99
B	75,000 POPULAT	0.00	NA	0						
C	15" ROWS	0.00	NA	0						
D	DUAL MAGNUM	1.91	LAA	9						
E	CANOPY 75WG	0.375	LAA	9						
F	RNDUP POWERMAX	0.77	LAA	11						
G	LIQUID AMS	2.50	PMV	11						
H	RNDUP POWERMAX	0.77	LAA	13						
I	LIQUID AMS	2.50	PMV	13						
5A	AUTHOR. ASSIST	0.156	LAA	9	0	96	99	98	99	97
B	RNDUP POWERMAX	0.77	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
D	75,000 POPULAT	0.00	NA	0						
E	30" ROWS	0.00	NA	0						
6A	RNDUP POWERMAX	0.77	LAA	12	0	77	68	58	75	38
B	LIQUID AMS	2.50	PMV	12						
C	75,000 POPULAT	0.00	NA	0						
D	30" ROWS	0.00	NA	0						
7A	RNDUP POWERMAX	0.77	LAA	11	0	80	94	95	99	78
B	LIQUID AMS	2.50	PMV	11						
C	RNDUP POWERMAX	0.77	LAA	13						
D	LIQUID AMS	2.50	PMV	13						
E	75,000 POPULAT	0.00	NA	0						
F	30" ROWS	0.00	NA	0						
8A	HAND WEEDED	0.00	NA	0	0	99	99	99	99	99
B	75,000 POPULAT	0.00	NA	0						
C	30" ROWS	0.00	NA	0						
D	DUAL MAGNUM	1.91	LAA	9						
E	CANOPY 75WG	0.375	LAA	9						
F	RNDUP POWERMAX	0.77	LAA	11						
G	LIQUID AMS	2.50	PMV	11						
H	RNDUP POWERMAX	0.77	LAA	13						
I	LIQUID AMS	2.50	PMV	13						
9A	AUTHOR. ASSIST	0.156	LAA	9	0	99	99	99	99	98
B	RNDUP POWERMAX	0.77	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
D	125,000 POPULA	0.00	NA	0						
E	15" ROWS	0.00	NA	0						
10A	RNDUP POWERMAX	0.77	LAA	12	0	86	87	78	88	58
B	LIQUID AMS	2.50	PMV	12						
C	125,000 POPULA	0.00	NA	0						
D	15" ROWS	0.00	NA	0						

TITLE: Soybean population by row spacing trial. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT		CON % 07/29/08	CON % 07/29/08	CON % 07/29/08	CON % 07/29/08	CON % 07/29/08	CON % 07/29/08
11A	RNDUP POWERMAX	0.77	LAA	11	0	95	99	98	99	91
B	LIQUID AMS	2.50	PMV	11						
C	RNDUP POWERMAX	0.77	LAA	13						
D	LIQUID AMS	2.50	PMV	13						
E	125,000 POPULA	0.00	NA	0						
F	15" ROWS	0.00	NA	0						
12A	HAND WEEDED	0.00	NA	0	0	99	99	99	99	99
B	125,000 POPULA	0.00	NA	0						
C	15" ROWS	0.00	NA	0						
D	DUAL MAGNUM	1.91	LAA	9						
E	CANOPY 75WG	0.375	LAA	9						
F	RNDUP POWERMAX	0.77	LAA	11						
G	LIQUID AMS	2.50	PMV	11						
H	RNDUP POWERMAX	0.77	LAA	13						
I	LIQUID AMS	2.50	PMV	13						
13A	AUTHOR. ASSIST	0.156	LAA	9	0	98	99	98	99	97
B	RNDUP POWERMAX	0.77	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
D	125,000 POPULA	0.00	NA	0						
E	30" ROWS	0.00	NA	0						
14A	RNDUP POWERMAX	0.77	LAA	12	0	85	85	72	83	52
B	LIQUID AMS	2.50	PMV	12						
C	125,000 POPULA	0.00	NA	0						
D	30" ROWS	0.00	NA	0						
15A	RNDUP POWERMAX	0.77	LAA	11	0	90	97	96	98	84
B	LIQUID AMS	2.50	PMV	11						
C	RNDUP POWERMAX	0.77	LAA	13						
D	LIQUID AMS	2.50	PMV	13						
E	125,000 POPULA	0.00	NA	0						
F	30" ROWS	0.00	NA	0						
16A	HAND WEEDED	0.00	NA	0	0	99	99	99	99	99
B	125,000 POPULA	0.00	NA	0						
C	30" ROWS	0.00	NA	0						
D	DUAL MAGNUM	1.91	LAA	9						
E	CANOPY 75WG	0.375	LAA	9						
F	RNDUP POWERMAX	0.77	LAA	11						
G	LIQUID AMS	2.50	PMV	11						
H	RNDUP POWERMAX	0.77	LAA	13						
I	LIQUID AMS	2.50	PMV	13						
17A	AUTHOR. ASSIST	0.156	LAA	9	0	99	99	99	99	99
B	RNDUP POWERMAX	0.77	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
D	175,000 POPULA	0.00	NA	0						
E	15" ROWS	0.00	NA	0						
18A	RNDUP POWERMAX	0.77	LAA	12	0	96	93	93	94	72
B	LIQUID AMS	2.50	PMV	12						
C	175,000 POPULA	0.00	NA	0						
D	15" ROWS	0.00	NA	0						
19A	RNDUP POWERMAX	0.77	LAA	11	0	98	99	99	99	97
B	LIQUID AMS	2.50	PMV	11						
C	RNDUP POWERMAX	0.77	LAA	13						
D	LIQUID AMS	2.50	PMV	13						
E	175,000 POPULA	0.00	NA	0						
F	15" ROWS	0.00	NA	0						
20A	HAND WEEDED	0.00	NA	0	0	99	99	99	99	99
B	175,000 POPULA	0.00	NA	0						
C	15" ROWS	0.00	NA	0						
D	DUAL MAGNUM	1.91	LAA	9						
E	CANOPY 75WG	0.375	LAA	9						
F	RNDUP POWERMAX	0.77	LAA	11						
G	LIQUID AMS	2.50	PMV	11						
H	RNDUP POWERMAX	0.77	LAA	13						
I	LIQUID AMS	2.50	PMV	13						

TITLE: Soybean population by row spacing trial. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT		CON % 07/29/08	CON % 07/29/08	CON % 07/29/08	CON % 07/29/08	CON % 07/29/08	CON % 07/29/08
21A	AUTHOR. ASSIST	0.156	LAA	9	0	98	99	99	99	98
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
	D»175,000 POPULA	0.00	NA	0						
	E»30" ROWS	0.00	NA	0						
22A	RNDUP POWERMAX	0.77	LAA	12	0	90	85	81	88	48
	B»LIQUID AMS	2.50	PMV	12						
	C»175,000 POPULA	0.00	NA	0						
	D»30" ROWS	0.00	NA	0						
23A	RNDUP POWERMAX	0.77	LAA	11	0	93	97	96	98	89
	B»LIQUID AMS	2.50	PMV	11						
	C»RNDUP POWERMAX	0.77	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
	E»175,000 POPULA	0.00	NA	0						
	F»30" ROWS	0.00	NA	0						
24A	HAND WEEDED	0.00	NA	0	0	99	99	99	99	99
	B»175,000 POPULA	0.00	NA	0						
	C»30" ROWS	0.00	NA	0						
	D DUAL MAGNUM	1.91	LAA	9						
	E CANOPY 75WG	0.375	LAA	9						
	F»RNDUP POWERMAX	0.77	LAA	11						
	G»LIQUID AMS	2.50	PMV	11						
	H»RNDUP POWERMAX	0.77	LAA	13						
	I»LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			0.00	5.11	4.27	6.23	4.40	5.50
		STANDARD DEVIATION			0.00	2.56	2.13	3.11	2.20	2.75

TITLE: Soybean population by row spacing trial. AS-200
CREATED: 05/04/2008 **REVISED:** 10/27/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 60.00 FT LONG
PLOT AREA: 600.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			YIELD BU/A 10/20/08
		RATE	UNIT	TM	
1A	AUTHOR. ASSIST	0.156	LAA	9	55.8
B	RNDUP POWERMAX	0.77	LAA	12	
C	LIQUID AMS	2.50	PMV	12	
D	75,000 POPULAT	0.00	NA	0	
E	15" ROWS	0.00	NA	0	
2A	RNDUP POWERMAX	0.77	LAA	12	42.3
B	LIQUID AMS	2.50	PMV	12	
C	75,000 POPULAT	0.00	NA	0	
D	15" ROWS	0.00	NA	0	
3A	RNDUP POWERMAX	0.77	LAA	11	58.1
B	LIQUID AMS	2.50	PMV	11	
C	RNDUP POWERMAX	0.77	LAA	13	
D	LIQUID AMS	2.50	PMV	13	
E	75,000 POPULAT	0.00	NA	0	
F	15" ROWS	0.00	NA	0	
4A	HAND WEEDED	0.00	NA	0	57.9
B	75,000 POPULAT	0.00	NA	0	
C	15" ROWS	0.00	NA	0	
D	DUAL MAGNUM	1.91	LAA	9	
E	CANOPY 75WG	0.375	LAA	9	
F	RNDUP POWERMAX	0.77	LAA	11	
G	LIQUID AMS	2.50	PMV	11	
H	RNDUP POWERMAX	0.77	LAA	13	
I	LIQUID AMS	2.50	PMV	13	
5A	AUTHOR. ASSIST	0.156	LAA	9	47.2
B	RNDUP POWERMAX	0.77	LAA	12	
C	LIQUID AMS	2.50	PMV	12	
D	75,000 POPULAT	0.00	NA	0	
E	30" ROWS	0.00	NA	0	
6A	RNDUP POWERMAX	0.77	LAA	12	40.3
B	LIQUID AMS	2.50	PMV	12	
C	75,000 POPULAT	0.00	NA	0	
D	30" ROWS	0.00	NA	0	
7A	RNDUP POWERMAX	0.77	LAA	11	52.6
B	LIQUID AMS	2.50	PMV	11	
C	RNDUP POWERMAX	0.77	LAA	13	
D	LIQUID AMS	2.50	PMV	13	
E	75,000 POPULAT	0.00	NA	0	
F	30" ROWS	0.00	NA	0	
8A	HAND WEEDED	0.00	NA	0	55.2
B	75,000 POPULAT	0.00	NA	0	
C	30" ROWS	0.00	NA	0	
D	DUAL MAGNUM	1.91	LAA	9	
E	CANOPY 75WG	0.375	LAA	9	
F	RNDUP POWERMAX	0.77	LAA	11	
G	LIQUID AMS	2.50	PMV	11	
H	RNDUP POWERMAX	0.77	LAA	13	
I	LIQUID AMS	2.50	PMV	13	
9A	AUTHOR. ASSIST	0.156	LAA	9	58.7
B	RNDUP POWERMAX	0.77	LAA	12	
C	LIQUID AMS	2.50	PMV	12	
D	125,000 POPULA	0.00	NA	0	
E	15" ROWS	0.00	NA	0	
10A	RNDUP POWERMAX	0.77	LAA	12	48.9
B	LIQUID AMS	2.50	PMV	12	
C	125,000 POPULA	0.00	NA	0	
D	15" ROWS	0.00	NA	0	

TITLE: Soybean population by row spacing trial. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE			YIELD BU/A 10/20/08
		RATE	UNIT	TM	
11A	RNDUP POWERMAX	0.77	LAA	11	66.4
B	LIQUID AMS	2.50	PMV	11	
C	RNDUP POWERMAX	0.77	LAA	13	
D	LIQUID AMS	2.50	PMV	13	
E	125,000 POPULA	0.00	NA	0	
F	15" ROWS	0.00	NA	0	
12A	HAND WEEDED	0.00	NA	0	65.4
B	125,000 POPULA	0.00	NA	0	
C	15" ROWS	0.00	NA	0	
D	DUAL MAGNUM	1.91	LAA	9	
E	CANOPY 75WG	0.375	LAA	9	
F	RNDUP POWERMAX	0.77	LAA	11	
G	LIQUID AMS	2.50	PMV	11	
H	RNDUP POWERMAX	0.77	LAA	13	
I	LIQUID AMS	2.50	PMV	13	
13A	AUTHOR. ASSIST	0.156	LAA	9	56.2
B	RNDUP POWERMAX	0.77	LAA	12	
C	LIQUID AMS	2.50	PMV	12	
D	125,000 POPULA	0.00	NA	0	
E	30" ROWS	0.00	NA	0	
14A	RNDUP POWERMAX	0.77	LAA	12	46.4
B	LIQUID AMS	2.50	PMV	12	
C	125,000 POPULA	0.00	NA	0	
D	30" ROWS	0.00	NA	0	
15A	RNDUP POWERMAX	0.77	LAA	11	60.5
B	LIQUID AMS	2.50	PMV	11	
C	RNDUP POWERMAX	0.77	LAA	13	
D	LIQUID AMS	2.50	PMV	13	
E	125,000 POPULA	0.00	NA	0	
F	30" ROWS	0.00	NA	0	
16A	HAND WEEDED	0.00	NA	0	61.7
B	125,000 POPULA	0.00	NA	0	
C	30" ROWS	0.00	NA	0	
D	DUAL MAGNUM	1.91	LAA	9	
E	CANOPY 75WG	0.375	LAA	9	
F	RNDUP POWERMAX	0.77	LAA	11	
G	LIQUID AMS	2.50	PMV	11	
H	RNDUP POWERMAX	0.77	LAA	13	
I	LIQUID AMS	2.50	PMV	13	
17A	AUTHOR. ASSIST	0.156	LAA	9	61.1
B	RNDUP POWERMAX	0.77	LAA	12	
C	LIQUID AMS	2.50	PMV	12	
D	175,000 POPULA	0.00	NA	0	
E	15" ROWS	0.00	NA	0	
18A	RNDUP POWERMAX	0.77	LAA	12	52.1
B	LIQUID AMS	2.50	PMV	12	
C	175,000 POPULA	0.00	NA	0	
D	15" ROWS	0.00	NA	0	
19A	RNDUP POWERMAX	0.77	LAA	11	68.2
B	LIQUID AMS	2.50	PMV	11	
C	RNDUP POWERMAX	0.77	LAA	13	
D	LIQUID AMS	2.50	PMV	13	
E	175,000 POPULA	0.00	NA	0	
F	15" ROWS	0.00	NA	0	
20A	HAND WEEDED	0.00	NA	0	64.6
B	175,000 POPULA	0.00	NA	0	
C	15" ROWS	0.00	NA	0	
D	DUAL MAGNUM	1.91	LAA	9	
E	CANOPY 75WG	0.375	LAA	9	
F	RNDUP POWERMAX	0.77	LAA	11	
G	LIQUID AMS	2.50	PMV	11	
H	RNDUP POWERMAX	0.77	LAA	13	
I	LIQUID AMS	2.50	PMV	13	

TITLE: Soybean population by row spacing trial. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		YIELD	
		RATE	UNIT	TM	BU/A 10/20/08
21A	A»AUTHOR. ASSIST	0.156	LAA	9	59.9
	B»RNDUP POWERMAX	0.77	LAA	12	
	C»LIQUID AMS	2.50	PMV	12	
	D»175,000 POPULA	0.00	NA	0	
	E»30" ROWS	0.00	NA	0	
22A	A»RNDUP POWERMAX	0.77	LAA	12	52.2
	B»LIQUID AMS	2.50	PMV	12	
	C»175,000 POPULA	0.00	NA	0	
	D»30" ROWS	0.00	NA	0	
23A	A»RNDUP POWERMAX	0.77	LAA	11	63.6
	B»LIQUID AMS	2.50	PMV	11	
	C»RNDUP POWERMAX	0.77	LAA	13	
	D»LIQUID AMS	2.50	PMV	13	
	E»175,000 POPULA	0.00	NA	0	
	F»30" ROWS	0.00	NA	0	
24A	A»HAND WEEDED	0.00	NA	0	63.6
	B»175,000 POPULA	0.00	NA	0	
	C»30" ROWS	0.00	NA	0	
	D DUAL MAGNUM	1.91	LAA	9	
	E CANOPY 75WG	0.375	LAA	9	
	F»RNDUP POWERMAX	0.77	LAA	11	
	G»LIQUID AMS	2.50	PMV	11	
	H»RNDUP POWERMAX	0.77	LAA	13	
	I»LIQUID AMS	2.50	PMV	13	
		LSD (0.05)			8.63
		STANDARD DEVIATION			4.32

>> = SUPPLEMENTAL CHEMICAL

---,M,C,D = MISSING DATA

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 09 = ----- / PREEMERGENCE 06/02/2008(1)
- 11 = ----- / EPOST 06/20/2008(2)
- 12 = ----- / POST 06/30/2008(3)
- 13 = ----- / LPOST 07/11/2008(4)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	GLXMA	CON %	06/19/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/19/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/19/2008	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/19/2008	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/19/2008	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/19/2008	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	06/30/2008	01	P	GLXMA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/30/2008	02	P	SETFA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	06/30/2008	03	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	06/30/2008	04	P	AMATA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	06/30/2008	05	P	ABUTH	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/30/2008	06	P	PHBPU	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	GLXMA	CON %	07/29/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	07/29/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	07/29/2008	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	AMATA	CON %	07/29/2008	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ABUTH	CON %	07/29/2008	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PHBPU	CON %	07/29/2008	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	YIELD	BU/A	10/20/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)
01 = ASGROW 3302 RR/STS

* STAGE CODE

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