

SOIL INFORMATION

TEXTURE: SIL
PH: 6.3
%OM: 3.4
PREV.CROP: ZEAMD - Dent corn
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET
PLOT AREA: 225 FEET

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	05/16/18	06/15/18	AME
TIME - BEGIN	09:35	11:10	24H
TIME - END	09:53	11:35	24H
AIR TEMPERATURE	69	84	F
% REL.HUMIDITY	76	59	
WIND DIRECTION	NORTHEAST	SOUTHWEST	
WIND SPEED	5.0	5.0	M/H
CLOUD COVER	CLEAR-0%	HAZY SUN-	
DEW	TO BE SEL	NO	
SOIL MOISTURE	DRY/ DRY	MOIST/MOI	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	68/4.00	81/4.00	F/IN
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION			
NOZZLE VOLUME	0.00	0.00	GPM
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SCREEN SIZE			
SCREEN SZ DESC	N/A	N/A	
SWATH WIDTH	7.5	7.5	FT
BOOM HEIGHT	20.0	20.0	IN
SPEED	3.00	3.00	M/H
MIX SIZE	0.330	0.330	
MIX SIZE UNIT	GAL	GAL	
SPRAY VOLUME	20.00	20.00	
SPRAY 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	TO BE SEL	TO BE SEL	
FOLIAGE HEIGHT			FT
FOLIAGE WIDTH			FT
ROW WIDTH			FT
SPRAY VOL LWA/TRV			
S VOL LWA/TRV UNIT			
LEAF WALL AREA			M2H
TREE ROW VOLUME			M3H
SPECIE AND STAGE	DEN / STG MIN / MAX	DEN / STG MIN / MAX	
CROP *			
P, Soybean		---/16	
GH3546X RR2XTEND		13.0/13.0	IN
(PLANTED) 05/15/2018		31 DAP	
PEST *			
P, Velvetleaf		---/15	
		3.00/8.00	IN
P, Waterhemp, commo		---/19	
		1.00/4.00	IN
P, Tall morning glo		---/15	
		0.50/6.00	IN

*** CONTINUE

SPECIE AND STAGE	DEN / STG	DEN / STG	
	MIN / MAX	MIN / MAX	
PEST * P, Giant foxtail		---/15 3.00/7.00	IN

* TIMING CODES

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

* STAGE CODE

15 = 5 LEAVES UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = TRIFOLIOLATE LEAF ON THE 6TH NODE UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Anthem Maxx for Weed Control in RR Soybean. C-500
CREATED: 04/23/2018 **REVISED:** 08/02/2018 **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	DOSAGE	GLXMA	SETFA	AMATA	ABUTH	PHBPU	GLXMA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					05/29/18	05/29/18	05/29/18	06/14/18
1A	CHECK	0.00	NA	0	0	0	0	0
2A	»ANTHEM MAXX 4.	0.109	LAA	9	0	10	90	25
	B»RNDUP POWERMAX	1.125	LAA	11				20
	C»LIQUID AMS	2.50	PMV	11				0
3A	»ANTHEM MAXX 4.	0.134	LAA	9	0	10	95	35
	B»RNDUP POWERMAX	1.125	LAA	11				30
	C»LIQUID AMS	2.50	PMV	11				0
4A	»ANTHEM MAXX 4.	0.109	LAA	9	0	35	92	45
	B»TRICOR 75DF	0.28	LAA	9				35
	C»RNDUP POWERMAX	1.125	LAA	11				0
	D»LIQUID AMS	2.50	PMV	11				
5A	»ANTHEM MAXX 4.	0.134	LAA	9	0	55	99	65
	B»TRICOR 75DF	0.28	LAA	9				30
	C»RNDUP POWERMAX	1.125	LAA	11				0
	D»LIQUID AMS	2.50	PMV	11				
6A	»ANTHEM MAXX 4.	0.108	LAA	9	0	15	95	35
	B»ANTHEM MAXX 4.	0.084	LAA	11				15
	C»RNDUP POWERMAX	1.125	LAA	11				0
	D»LIQUID AMS	2.50	PMV	11				
7A	BOUNDARY 6.5EC	1.46	LAA	9	0	60	99	25
	B»RNDUP POWERMAX	1.125	LAA	11				10
	C»LIQUID AMS	2.50	PMV	11				0
8A	»ZIDUA PRO 4.09	0.192	LAA	9	0	35	99	45
	B»RNDUP POWERMAX	1.125	LAA	11				20
	C»LIQUID AMS	2.50	PMV	11				0
9A	»PREFIX 5.32SL	1.33	LAA	9	0	55	99	0
	B»RNDUP POWERMAX	1.125	LAA	11				0
	C»LIQUID AMS	2.50	PMV	11				0
10A	OUTLOOK 6EC	0.66	LAA	9	0	40	60	0
	B»RNDUP POWERMAX	1.125	LAA	11				0
	C»LIQUID AMS	2.50	PMV	11				
11A	»WARRANT 3L	1.125	LAA	9	0	0	60	0
	B»RNDUP POWERMAX	1.125	LAA	11				0
	C»LIQUID AMS	2.50	PMV	11				
12A	»TRICOR 75DF	0.28	LAA	9	0	0	68	0
	B»RNDUP POWERMAX	1.125	LAA	11				0
	C»LIQUID AMS	2.50	PMV	11				
13A	AUTHORITY FIRS	0.28	LAA	9	0	35	88	78
	B»RNDUP POWERMAX	1.125	LAA	11				55
	C»LIQUID AMS	2.50	PMV	11				0
14A	CHECK	0.00	NA	0	0	0	0	0
15A	»ANTHEM MAXX 4.	0.108	LAA	9	0	45	99	60
	B»PREFIX 5.32SL	1.33	LAA	11				35
	C»RNDUP POWERMAX	1.125	LAA	11				0
	D»LIQUID AMS	2.50	PMV	11				
16A	»ANTHEM MAXX 4.	0.108	LAA	9	0	45	99	45
	B»TRICOR 75DF	0.28	LAA	9				25
	C»PREFIX 5.32SL	1.33	LAA	11				0
	D»RNDUP POWERMAX	1.125	LAA	11				
	E»LIQUID AMS	2.50	PMV	11				

TITLE: Anthem Maxx for Weed Control in RR Soybean. C-500

LSD (0.05)

0.0

STANDARD DEVIATION

0.0

TITLE: Anthem Maxx for Weed Control in RR Soybean. C-500
CREATED: 04/23/2018 **REVISED:** 08/02/2018 **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 NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	SETFA CON % 06/14/18	AMATA CON % 06/14/18	ABUTH CON % 06/14/18	PHBPU CON % 06/14/18	GLXMA CON % 06/28/18	SETFA CON % 06/28/18
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»ANTHEM MAXX 4.	0.109	LAA	9	43	57	27	20	0	99
	B»RNDUP POWERMAX	1.125	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
3A	»ANTHEM MAXX 4.	0.134	LAA	9	53	60	30	27	0	99
	B»RNDUP POWERMAX	1.125	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
4A	»ANTHEM MAXX 4.	0.109	LAA	9	50	67	27	20	0	99
	B»TRICOR 75DF	0.28	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
5A	»ANTHEM MAXX 4.	0.134	LAA	9	70	82	73	33	0	99
	B»TRICOR 75DF	0.28	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
6A	»ANTHEM MAXX 4.	0.108	LAA	9	58	68	30	20	0	99
	B»ANTHEM MAXX 4.	0.084	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
7A	BOUNDARY 6.5EC	1.46	LAA	9	78	87	52	23	0	99
	B»RNDUP POWERMAX	1.125	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
8A	»ZIDUA PRO 4.09	0.192	LAA	9	65	85	75	53	0	99
	B»RNDUP POWERMAX	1.125	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
9A	»PREFIX 5.32SL	1.33	LAA	9	58	70	30	13	0	99
	B»RNDUP POWERMAX	1.125	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
10A	OUTLOOK 6EC	0.66	LAA	9	27	37	13	10	0	99
	B»RNDUP POWERMAX	1.125	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
11A	»WARRANT 3L	1.125	LAA	9	23	27	10	10	0	99
	B»RNDUP POWERMAX	1.125	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
12A	»TRICOR 75DF	0.28	LAA	9	10	37	13	13	0	99
	B»RNDUP POWERMAX	1.125	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
13A	AUTHORITY FIRS	0.28	LAA	9	40	57	63	53	0	99
	B»RNDUP POWERMAX	1.125	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
14A	CHECK	0.00	NA	0	0	0	0	0	0	0
15A	»ANTHEM MAXX 4.	0.108	LAA	9	62	75	43	20	0	99
	B»PREFIX 5.32SL	1.33	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
16A	»ANTHEM MAXX 4.	0.108	LAA	9	57	73	37	20	0	99
	B»TRICOR 75DF	0.28	LAA	9						
	C»PREFIX 5.32SL	1.33	LAA	11						
	D»RNDUP POWERMAX	1.125	LAA	11						
	E»LIQUID AMS	2.50	PMV	11						

TITLE: Anthem Maxx for Weed Control in RR Soybean. C-500

LSD (0.05)	12.6	14.6	16.2	10.4	0.0	0.0
STANDARD DEVIATION	6.2	7.2	7.9	5.1	0.0	0.0

TITLE: Anthem Maxx for Weed Control in RR Soybean. C-500
CREATED: 04/23/2018 **REVISED:** 08/02/2018 **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	DOSAGE	AMATA	ABUTH	PHBPU	GLXMA	SETFA	AMATA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/28/18	06/28/18	06/28/18	07/11/18
1A	CHECK	0.00	NA	0	0	0	0	0
2A	»ANTHEM MAXX 4.	0.109	LAA	9	96	99	90	99
	B»RNDUP POWERMAX	1.125	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
3A	»ANTHEM MAXX 4.	0.134	LAA	9	99	99	94	99
	B»RNDUP POWERMAX	1.125	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
4A	»ANTHEM MAXX 4.	0.109	LAA	9	99	99	92	99
	B»TRICOR 75DF	0.28	LAA	9				
	C»RNDUP POWERMAX	1.125	LAA	11				
	D»LIQUID AMS	2.50	PMV	11				
5A	»ANTHEM MAXX 4.	0.134	LAA	9	99	99	98	99
	B»TRICOR 75DF	0.28	LAA	9				
	C»RNDUP POWERMAX	1.125	LAA	11				
	D»LIQUID AMS	2.50	PMV	11				
6A	»ANTHEM MAXX 4.	0.108	LAA	9	98	99	97	99
	B»ANTHEM MAXX 4.	0.084	LAA	11				
	C»RNDUP POWERMAX	1.125	LAA	11				
	D»LIQUID AMS	2.50	PMV	11				
7A	BOUNDARY 6.5EC	1.46	LAA	9	99	99	90	99
	B»RNDUP POWERMAX	1.125	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
8A	»ZIDUA PRO 4.09	0.192	LAA	9	99	99	94	99
	B»RNDUP POWERMAX	1.125	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
9A	»PREFIX 5.32SL	1.33	LAA	9	98	99	94	99
	B»RNDUP POWERMAX	1.125	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
10A	OUTLOOK 6EC	0.66	LAA	9	93	99	78	99
	B»RNDUP POWERMAX	1.125	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
11A	»WARRANT 3L	1.125	LAA	9	91	99	83	99
	B»RNDUP POWERMAX	1.125	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
12A	»TRICOR 75DF	0.28	LAA	9	80	99	83	99
	B»RNDUP POWERMAX	1.125	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
13A	AUTHORITY FIRS	0.28	LAA	9	99	99	99	99
	B»RNDUP POWERMAX	1.125	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
14A	CHECK	0.00	NA	0	0	0	0	0
15A	»ANTHEM MAXX 4.	0.108	LAA	9	98	99	98	99
	B»PREFIX 5.32SL	1.33	LAA	11				
	C»RNDUP POWERMAX	1.125	LAA	11				
	D»LIQUID AMS	2.50	PMV	11				
16A	»ANTHEM MAXX 4.	0.108	LAA	9	98	99	98	99
	B»TRICOR 75DF	0.28	LAA	9				
	C»PREFIX 5.32SL	1.33	LAA	11				
	D»RNDUP POWERMAX	1.125	LAA	11				
	E»LIQUID AMS	2.50	PMV	11				

TITLE: Anthem Maxx for Weed Control in RR Soybean. C-500

LSD (0.05)	3.2	0.0	5.7	0.0	0.6	2.6
STANDARD DEVIATION	1.6	0.0	2.8	0.0	0.3	1.3

TITLE: Anthem Maxx for Weed Control in RR Soybean. C-500
CREATED: 04/23/2018 **REVISED:** 08/02/2018 **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	DOSAGE	ABUTH	PHBPU
NUM	COMPONENT	RATE	CON %	CON %
		UNIT	TM	07/11/18
				07/11/18
1A	CHECK	0.00	NA	0
2A	»ANTHEM MAXX 4.	0.109	LAA	9
	B»RNDUP POWERMAX	1.125	LAA	11
	C»LIQUID AMS	2.50	PMV	11
3A	»ANTHEM MAXX 4.	0.134	LAA	9
	B»RNDUP POWERMAX	1.125	LAA	11
	C»LIQUID AMS	2.50	PMV	11
4A	»ANTHEM MAXX 4.	0.109	LAA	9
	B»TRICOR 75DF	0.28	LAA	9
	C»RNDUP POWERMAX	1.125	LAA	11
	D»LIQUID AMS	2.50	PMV	11
5A	»ANTHEM MAXX 4.	0.134	LAA	9
	B»TRICOR 75DF	0.28	LAA	9
	C»RNDUP POWERMAX	1.125	LAA	11
	D»LIQUID AMS	2.50	PMV	11
6A	»ANTHEM MAXX 4.	0.108	LAA	9
	B»ANTHEM MAXX 4.	0.084	LAA	11
	C»RNDUP POWERMAX	1.125	LAA	11
	D»LIQUID AMS	2.50	PMV	11
7A	BOUNDARY 6.5EC	1.46	LAA	9
	B»RNDUP POWERMAX	1.125	LAA	11
	C»LIQUID AMS	2.50	PMV	11
8A	»ZIDUA PRO 4.09	0.192	LAA	9
	B»RNDUP POWERMAX	1.125	LAA	11
	C»LIQUID AMS	2.50	PMV	11
9A	»PREFIX 5.32SL	1.33	LAA	9
	B»RNDUP POWERMAX	1.125	LAA	11
	C»LIQUID AMS	2.50	PMV	11
10A	OUTLOOK 6EC	0.66	LAA	9
	B»RNDUP POWERMAX	1.125	LAA	11
	C»LIQUID AMS	2.50	PMV	11
11A	»WARRANT 3L	1.125	LAA	9
	B»RNDUP POWERMAX	1.125	LAA	11
	C»LIQUID AMS	2.50	PMV	11
12A	»TRICOR 75DF	0.28	LAA	9
	B»RNDUP POWERMAX	1.125	LAA	11
	C»LIQUID AMS	2.50	PMV	11
13A	AUTHORITY FIRS	0.28	LAA	9
	B»RNDUP POWERMAX	1.125	LAA	11
	C»LIQUID AMS	2.50	PMV	11
14A	CHECK	0.00	NA	0
15A	»ANTHEM MAXX 4.	0.108	LAA	9
	B»PREFIX 5.32SL	1.33	LAA	11
	C»RNDUP POWERMAX	1.125	LAA	11
	D»LIQUID AMS	2.50	PMV	11
16A	»ANTHEM MAXX 4.	0.108	LAA	9
	B»TRICOR 75DF	0.28	LAA	9
	C»PREFIX 5.32SL	1.33	LAA	11
	D»RNDUP POWERMAX	1.125	LAA	11
	E»LIQUID AMS	2.50	PMV	11

TITLE: Anthem Maxx for Weed Control in RR Soybean. C-500

LSD (0.05) 0.0 5.5
STANDARD DEVIATION 0.0 2.7

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
09 = --- / PREEMERGENCE 05/16/2018(1)
11 = --- / EPOST 06/15/2018(2)

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 %	05/29/2018	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/29/2018	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	05/29/2018	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	05/29/2018	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	05/29/2018	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	06/14/2018	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/14/2018	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	06/14/2018	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	06/14/2018	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	06/14/2018	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	GLXMA	CON %	06/28/2018	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	06/28/2018	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMATA	CON %	06/28/2018	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	06/28/2018	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	PHBPU	CON %	06/28/2018	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	GLXMA	CON %	07/11/2018	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	SETFA	CON %	07/11/2018	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMATA	CON %	07/11/2018	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	CON %	07/11/2018	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	PHBPU	CON %	07/11/2018	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = GH3546X RR2XTEND