

SOIL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: ZEAMD - CORN, DENT
 %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	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/27/14	06/20/14	AME
AIR TEMPERATURE	84	82	F
% REL.HUMIDITY	48	65	
WIND DIRECTION	WEST	WEST	
WIND SPEED	4.0	4.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION			
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	7.5	7.5	FT
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	---	---	
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		---/14	
S34 Z1 RR		6.00/6.00	IN
(PLANTED) 05/27/2014		24 DAP	
PEST *			
P, VELVETLEAF		---/13 1.00/3.00	IN
P, WATERHEMP, COMMO		---/18 1.00/3.00	IN
P, LAMBSQUARTERS, C		---/17 1.00/1.00	IN
P, MORNINGGLORY, TA		---/14 1.00/3.00	IN
P, FOXTAIL, GIANT		---/12 1.00/3.00	IN
P, COCKLEBUR, COMMO		---/15 2.00/6.00	IN

*** TIMING CODES**

09 = ----- / PREEMERGENCE
12 = ----- / POST

*** STAGE CODE**

12 = 2 LEAVES UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: MANA Products for Weed Control in Glyphosate-Resistant Soybean. N-200
CREATED: 04/11/2014 **REVISED:** 09/16/2014 **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 NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 06/20/14	SETFA CON % 06/20/14	CHEAL CON % 06/20/14	AMATA CON % 06/20/14	ABUTH CON % 06/20/14	PHBPU CON % 06/20/14
1A»PREFIX 5.32SL	1.33	LAA	9	0	96	99	99	68	58
2A»PUMMEL 5.25L	0.98	LAA	9	0	99	99	99	95	84
3A»PUMMEL 5.25L	0.98	LAA	12	0	C	C	C	C	C
B»RNDUP POWERMAX	0.77	LAA	12						
C»ACTIVATOR 90	0.25	PMV	12						
4A»PUMMEL 5.25L	1.31	LAA	9	0	99	99	99	99	90
5A»PUMMEL 5.25L	1.31	LAA	12	0	C	C	C	C	C
B»RNDUP POWERMAX	0.77	LAA	12						
C»ACTIVATOR 90	0.25	PMV	12						
6A»PUMMEL 5.25L	1.31	LAA	9	0	99	99	99	99	92
B»GLORY 75DF	0.188	LAA	9						
7A»PUMMEL 5.25L	1.31	LAA	9	0	99	99	99	99	94
B»RUMBLE 1.88EC	0.235	LAA	9						
8A»PUMMEL 5.25L	1.31	LAA	12	0	C	C	C	C	C
B»RUMBLE 1.88EC	0.235	LAA	12						
C»RNDUP POWERMAX	0.77	LAA	12						
D»ACTIVATOR 90	0.25	PMV	12						
9A»MANA 25337 55W	0.11	LAA	9	0	99	99	99	99	92
10A»MANA 25337 55W	0.146	LAA	9	0	99	99	99	99	96
11A»TORMENT 2.5L	0.31	LAA	9	0	99	99	99	99	93
12A»TORMENT 2.5L	0.31	LAA	12	0	C	C	C	C	C
B»RNDUP POWERMAX	0.77	LAA	12						
C»ACTIVATOR 90	0.25	PMV	12						
13A»PARALLEL 7.8L	1.22	LAA	9	0	96	99	99	53	40
B»GLORY 75DF	0.28	LAA	9						
C»TORMENT 2.5L	0.31	LAA	12						
D»RNDUP POWERMAX	0.77	LAA	12						
E»ACTIVATOR 90	0.25	PMV	12						
14A»RUMBLE 1.88EC	0.235	LAA	12	0	C	C	C	C	C
B»RNDUP POWERMAX	0.77	LAA	12						
C»ACTIVATOR 90	0.25	PMV	12						
15A»WARRANT 3L	1.125	LAA	12	0	C	C	C	C	C
B»RNDUP POWERMAX	0.77	LAA	12						
C»ACTIVATOR 90	0.25	PMV	12						
16A COBRA 2EC	0.094	LAA	12	0	C	C	C	C	C
B»RNDUP POWERMAX	0.77	LAA	12						
C»ACTIVATOR 90	0.25	PMV	12						
17A»SONIC 70DF	0.28	LAA	9	0	89	99	99	99	95
18A»AUTHOR. ASSIST	0.375	LAA	9	0	99	99	99	99	98
19A»AUTHORITY MTZ	0.34	LAA	9	0	72	99	99	67	72
20A»AUTHOR. MAXX 6	0.35	LAA	9	0	87	99	99	98	96
21A»AUTHOR. ELITE	1.75	LAA	9	0	93	99	99	78	85
22A»MATADOR 4.7L	1.54	LAA	9	0	99	99	99	99	84

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TRT	TREATMENT	DOSAGE		GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/20/14	06/20/14	06/20/14	06/20/14	06/20/14	06/20/14
23A»	VALOR XLT 40WG	0.075	LAA 0	0	77	99	99	99	80
	B CLASSIC 25WG	0.019	LAA 9						
	C»VALOR 51WDG	0.056	LAA 9						
24A»	FIERCE XLT	3.50	OMA 0	0	94	99	99	99	77
	B CLASSIC 25WG	0.0146	LAA 9						
	C»VALOR 51WDG	0.0537	LAA 9						
	D»ZIDUA 85WG	0.0682	LAA 9						
25A»	WARRANT 3L	1.125	LAA 9	0	85	99	93	43	23
26A	CHECK	0.00	NA 0	0	0	0	0	0	0
27A»	RNDUP POWERMAX	0.77	LAA 12	0	C	C	C	C	C
	B»ACTIVATOR 90	0.25	PMV 12						
28A»	OPTILL 68WG	0.085	LAA 9	0	99	99	99	99	99
	B»ZIDUA 85WG	0.106	LAA 9						
LSD (0.05)				0.00	2.84	0.00	0.777	6.75	9.16
STANDARD DEVIATION				0.00	1.42	0.00	0.388	3.38	4.58

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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		XANST	GLXMA	GLXMA	SETFA	CHEAL	AMATA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/20/14	06/23/14	06/26/14	06/26/14	06/26/14	06/26/14
1A»	PREFIX 5.32SL	1.33	LAA 9	67	0	0	97	99	99
2A»	PUMMEL 5.25L	0.98	LAA 9	80	0	0	99	99	99
3A»	PUMMEL 5.25L	0.98	LAA 12	C	10	8	99	99	99
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	ACTIVATOR 90	0.25	PMV 12						
4A»	PUMMEL 5.25L	1.31	LAA 9	88	0	0	99	99	99
5A»	PUMMEL 5.25L	1.31	LAA 12	C	18	12	99	99	99
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	ACTIVATOR 90	0.25	PMV 12						
6A»	PUMMEL 5.25L	1.31	LAA 9	90	0	0	99	99	99
B»	GLORY 75DF	0.188	LAA 9						
7A»	PUMMEL 5.25L	1.31	LAA 9	94	0	0	99	99	99
B»	RUMBLE 1.88EC	0.235	LAA 9						
8A»	PUMMEL 5.25L	1.31	LAA 12	C	55	45	99	99	99
B»	RUMBLE 1.88EC	0.235	LAA 12						
C»	RNDUP POWERMAX	0.77	LAA 12						
D»	ACTIVATOR 90	0.25	PMV 12						
9A»	MANA 25337 55W	0.11	LAA 9	87	0	0	95	99	99
10A»	MANA 25337 55W	0.146	LAA 9	94	0	0	98	99	99
11A»	TORMENT 2.5L	0.31	LAA 9	96	0	0	98	99	99
12A»	TORMENT 2.5L	0.31	LAA 12	C	28	20	99	99	99
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	ACTIVATOR 90	0.25	PMV 12						
13A»	PARALLEL 7.8L	1.22	LAA 9	33	32	23	99	99	99
B»	GLORY 75DF	0.28	LAA 9						
C»	TORMENT 2.5L	0.31	LAA 12						
D»	RNDUP POWERMAX	0.77	LAA 12						
E»	ACTIVATOR 90	0.25	PMV 12						
14A»	RUMBLE 1.88EC	0.235	LAA 12	C	50	37	99	99	99
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	ACTIVATOR 90	0.25	PMV 12						
15A»	WARRANT 3L	1.125	LAA 12	C	0	0	99	99	99
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	ACTIVATOR 90	0.25	PMV 12						
16A	COBRA 2EC	0.094	LAA 12	C	65	55	99	99	99
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	ACTIVATOR 90	0.25	PMV 12						
17A»	SONIC 70DF	0.28	LAA 9	93	0	0	78	99	99
18A»	AUTHOR. ASSIST	0.375	LAA 9	98	0	0	99	99	99
19A»	AUTHORITY MTZ	0.34	LAA 9	53	0	0	62	99	99
20A»	AUTHOR. MAXX 6	0.35	LAA 9	96	0	0	80	99	99
21A»	AUTHOR. ELITE	1.75	LAA 9	83	0	0	94	99	99
22A»	MATADOR 4.7L	1.54	LAA 9	72	0	0	99	99	99

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TRT	TREATMENT	DOSAGE		XANST	GLXMA	GLXMA	SETFA	CHEAL	AMATA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/20/14	06/23/14	06/26/14	06/26/14	06/26/14	06/26/14
23A»	VALOR XLT 40WG	0.075	LAA 0	83	0	0	68	99	99
	B CLASSIC 25WG	0.019	LAA 9						
	C»VALOR 51WDG	0.056	LAA 9						
24A»	FIERCE XLT	3.50	OMA 0	79	0	0	88	99	99
	B CLASSIC 25WG	0.0146	LAA 9						
	C»VALOR 51WDG	0.0537	LAA 9						
	D»ZIDUA 85WG	0.0682	LAA 9						
25A»	WARRANT 3L	1.125	LAA 9	23	0	0	63	99	99
26A	CHECK	0.00	NA 0	0	0	0	0	0	0
27A»	RNDUP POWERMAX	0.77	LAA 12	C	0	0	99	99	99
	B»ACTIVATOR 90	0.25	PMV 12						
28A»	OPTILL 68WG	0.085	LAA 9	97	0	0	99	99	99
	B»ZIDUA 85WG	0.106	LAA 9						
LSD (0.05)				10.58	4.08	3.47	5.23	0.00	0.00
STANDARD DEVIATION				5.29	2.00	1.73	2.62	0.00	0.00

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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
PLOT AREA: 225.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE	ABUTH	PHBPU	XANST	GLXMA	SETFA	CHEAL
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %
			TM	06/26/14	06/26/14	06/26/14	07/03/14	07/03/14
1A»	PREFIX 5.32SL	1.33	LAA 9	68	67	67	0	90
2A»	PUMMEL 5.25L	0.98	LAA 9	99	88	77	0	97
3A»	PUMMEL 5.25L	0.98	LAA 12	99	91	99	6	99
B»	RNDUP POWERMAX	0.77	LAA 12					
C»	ACTIVATOR 90	0.25	PMV 12					
4A»	PUMMEL 5.25L	1.31	LAA 9	99	88	83	0	98
5A»	PUMMEL 5.25L	1.31	LAA 12	99	89	99	11	99
B»	RNDUP POWERMAX	0.77	LAA 12					
C»	ACTIVATOR 90	0.25	PMV 12					
6A»	PUMMEL 5.25L	1.31	LAA 9	99	93	85	0	99
B»	GLORY 75DF	0.188	LAA 9					
7A»	PUMMEL 5.25L	1.31	LAA 9	99	95	92	0	99
B»	RUMBLE 1.88EC	0.235	LAA 9					
8A»	PUMMEL 5.25L	1.31	LAA 12	99	98	99	29	99
B»	RUMBLE 1.88EC	0.235	LAA 12					
C»	RNDUP POWERMAX	0.77	LAA 12					
D»	ACTIVATOR 90	0.25	PMV 12					
9A»	MANA 25337 55W	0.11	LAA 9	99	89	81	0	95
10A»	MANA 25337 55W	0.146	LAA 9	99	97	89	0	97
11A»	TORMENT 2.5L	0.31	LAA 9	99	93	94	0	93
12A»	TORMENT 2.5L	0.31	LAA 12	99	97	99	11	99
B»	RNDUP POWERMAX	0.77	LAA 12					
C»	ACTIVATOR 90	0.25	PMV 12					
13A»	PARALLEL 7.8L	1.22	LAA 9	99	98	99	15	99
B»	GLORY 75DF	0.28	LAA 9					
C»	TORMENT 2.5L	0.31	LAA 12					
D»	RNDUP POWERMAX	0.77	LAA 12					
E»	ACTIVATOR 90	0.25	PMV 12					
14A»	RUMBLE 1.88EC	0.235	LAA 12	99	97	99	18	99
B»	RNDUP POWERMAX	0.77	LAA 12					
C»	ACTIVATOR 90	0.25	PMV 12					
15A»	WARRANT 3L	1.125	LAA 12	99	82	98	0	99
B»	RNDUP POWERMAX	0.77	LAA 12					
C»	ACTIVATOR 90	0.25	PMV 12					
16A	COBRA 2EC	0.094	LAA 12	99	97	99	22	99
B»	RNDUP POWERMAX	0.77	LAA 12					
C»	ACTIVATOR 90	0.25	PMV 12					
17A»	SONIC 70DF	0.28	LAA 9	99	92	88	0	58
18A»	AUTHOR. ASSIST	0.375	LAA 9	99	99	98	0	99
19A»	AUTHORITY MTZ	0.34	LAA 9	80	79	58	0	43
20A»	AUTHOR. MAXX 6	0.35	LAA 9	99	98	91	0	62
21A»	AUTHOR. ELITE	1.75	LAA 9	99	91	81	0	73
22A»	MATADOR 4.7L	1.54	LAA 9	99	86	77	0	97

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TRT	TREATMENT	DOSAGE	ABUTH	PHBPU	XANST	GLXMA	SETFA	CHEAL
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/26/14	06/26/14	06/26/14	07/03/14
23A»	VALOR XLT 40WG	0.075	LAA	0	99	80	75	0
	B CLASSIC 25WG	0.019	LAA	9				50
	C»VALOR 51WDG	0.056	LAA	9				99
24A»	FIERCE XLT	3.50	OMA	0	99	73	84	0
	B CLASSIC 25WG	0.0146	LAA	9				77
	C»VALOR 51WDG	0.0537	LAA	9				99
	D»ZIDUA 85WG	0.0682	LAA	9				
25A»	WARRANT 3L	1.125	LAA	9	57	27	23	0
								53
26A	CHECK	0.00	NA	0	0	0	0	0
27A»	RNDUP POWERMAX	0.77	LAA	12	99	88	98	0
	B»ACTIVATOR 90	0.25	PMV	12				99
28A»	OPTILL 68WG	0.085	LAA	9	99	98	93	0
	B»ZIDUA 85WG	0.106	LAA	9				99
LSD (0.05)					2.50	6.41	8.17	1.73
STANDARD DEVIATION					1.25	3.21	4.09	0.864
								5.47
								2.74
								0.00
								0.00

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CREATED: 04/11/2014 **REVISED:** 09/16/2014 **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 NUM COMPONENT	DOSAGE RATE	UNIT	TM	AMATA CON % 07/03/14	ABUTH CON % 07/03/14	PHBPU CON % 07/03/14	XANST CON % 07/03/14
1A»PREFIX 5.32SL	1.33	LAA	9	99	80	68	70
2A»PUMMEL 5.25L	0.98	LAA	9	99	99	86	75
3A»PUMMEL 5.25L	0.98	LAA	12	99	99	90	97
B»RNDUP POWERMAX	0.77	LAA	12				
C»ACTIVATOR 90	0.25	PMV	12				
4A»PUMMEL 5.25L	1.31	LAA	9	99	99	86	78
5A»PUMMEL 5.25L	1.31	LAA	12	99	99	91	98
B»RNDUP POWERMAX	0.77	LAA	12				
C»ACTIVATOR 90	0.25	PMV	12				
6A»PUMMEL 5.25L	1.31	LAA	9	99	99	90	75
B»GLORY 75DF	0.188	LAA	9				
7A»PUMMEL 5.25L	1.31	LAA	9	99	99	94	89
B»RUMBLE 1.88EC	0.235	LAA	9				
8A»PUMMEL 5.25L	1.31	LAA	12	99	99	96	99
B»RUMBLE 1.88EC	0.235	LAA	12				
C»RNDUP POWERMAX	0.77	LAA	12				
D»ACTIVATOR 90	0.25	PMV	12				
9A»MANA 25337 55W	0.11	LAA	9	99	99	86	73
10A»MANA 25337 55W	0.146	LAA	9	99	99	97	89
11A»TORMENT 2.5L	0.31	LAA	9	99	99	93	92
12A»TORMENT 2.5L	0.31	LAA	12	99	99	95	99
B»RNDUP POWERMAX	0.77	LAA	12				
C»ACTIVATOR 90	0.25	PMV	12				
13A»PARALLEL 7.8L	1.22	LAA	9	99	99	96	99
B»GLORY 75DF	0.28	LAA	9				
C»TORMENT 2.5L	0.31	LAA	12				
D»RNDUP POWERMAX	0.77	LAA	12				
E»ACTIVATOR 90	0.25	PMV	12				
14A»RUMBLE 1.88EC	0.235	LAA	12	99	99	96	99
B»RNDUP POWERMAX	0.77	LAA	12				
C»ACTIVATOR 90	0.25	PMV	12				
15A»WARRANT 3L	1.125	LAA	12	99	99	84	99
B»RNDUP POWERMAX	0.77	LAA	12				
C»ACTIVATOR 90	0.25	PMV	12				
16A COBRA 2EC	0.094	LAA	12	99	99	94	99
B»RNDUP POWERMAX	0.77	LAA	12				
C»ACTIVATOR 90	0.25	PMV	12				
17A»SONIC 70DF	0.28	LAA	9	99	99	92	83
18A»AUTHOR. ASSIST	0.375	LAA	9	99	99	98	97
19A»AUTHORITY MTZ	0.34	LAA	9	99	58	73	47
20A»AUTHOR. MAXX 6	0.35	LAA	9	99	99	97	89
21A»AUTHOR. ELITE	1.75	LAA	9	99	99	91	68
22A»MATADOR 4.7L	1.54	LAA	9	99	99	79	70

TITLE: MANA Products for Weed Control in Glyphosate-Resistant Soybean. N-200

TRT	TREATMENT	DOSAGE		AMATA	ABUTH	PHBPU	XANST
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %
					07/03/14	07/03/14	07/03/14
23A»	VALOR XLT 40WG	0.075	LAA	0	99	99	81
	B CLASSIC 25WG	0.019	LAA	9			73
	C»VALOR 51WDG	0.056	LAA	9			
24A»	FIERCE XLT	3.50	OMA	0	99	99	72
	B CLASSIC 25WG	0.0146	LAA	9			67
	C»VALOR 51WDG	0.0537	LAA	9			
	D»ZIDUA 85WG	0.0682	LAA	9			
25A»	WARRANT 3L	1.125	LAA	9	88	30	17
							17
26A	CHECK	0.00	NA	0	0	0	0
							0
27A»	RNDUP POWERMAX	0.77	LAA	12	99	99	84
	B»ACTIVATOR 90	0.25	PMV	12			98
28A»	OPTILL 68WG	0.085	LAA	9	99	99	97
	B»ZIDUA 85WG	0.106	LAA	9			94

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/27/2014(1)

12 = ----- / POST 06/20/2014(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 %	06/20/2014	01	P	GLXMA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/20/2014	02	P	SETFA	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/20/2014	03	P	CHEAL	17	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/20/2014	04	P	AMATA	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/20/2014	05	P	ABUTH	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/20/2014	06	P	PHBPU	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	XANST	CON %	06/20/2014	07	P	XANST	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	GLXMA	CON %	06/23/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	GLXMA	CON %	06/26/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	06/26/2014	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	06/26/2014	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMATA	CON %	06/26/2014	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ABUTH	CON %	06/26/2014	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PHBPU	CON %	06/26/2014	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	XANST	CON %	06/26/2014	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	GLXMA	CON %	07/03/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	SETFA	CON %	07/03/2014	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	CHEAL	CON %	07/03/2014	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	AMATA	CON %	07/03/2014	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	ABUTH	CON %	07/03/2014	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	PHBPU	CON %	07/03/2014	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	XANST	CON %	07/03/2014	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = S34 Z1 RR

* STAGE CODE

12 = 2 LEAVES UNFOLDED

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES

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

15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED