

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
 PH:  
 %OM: 0.0  
 PREV.CROP: NA - NONE  
 %RESIDUE: 0  
 PLOT WIDTH: 10 X 30 FEET  
 PLOT AREA: 300 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	03	04	05	06	UNIT
<b>TIMINGS</b>	09	11	12	13	14	15	
<b>TYPE</b>	LIQMIX	LIQMIX	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
<b>APPLICATION DATE</b>	06/09/09	06/23/09	07/06/09	07/14/09	07/28/09	08/05/09	AME
<b>AIR TEMPERATURE</b>	80	91	82	86	85	85	F
<b>% REL.HUMIDITY</b>	46	57	40	45	48	54	
<b>WIND DIRECTION</b>	NORTHEAST	NORTHEAST	NORTHWEST	SOUTHEAST	WEST	NORTH	
<b>WIND SPEED</b>	2.5	5.0	4.0	2.5	3.0	1.0	M/H
<b>CLOUD COVER</b>	HAZY SUN	PARTCLDY	CLOUDY	OVERCAST	CLOUDY	CLOUDY	
<b>DEW</b>	NO	NO	NO	NO	NO	NO	
<b>SOIL MOISTURE</b>	MOIST/MOI	MOIST/MOI	MOIST/MOI	MOIST/MOI	DRY/MOIST	MOIST/MOI	
<b>SOIL CONDITION</b>	COMPACT	COMPACT	COMPACT	COMPACT	COMPACT	COMPACT	
<b>METHOD</b>	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	
<b>EQUIPMENT</b>	SPRBAC	SPRBAC	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
<b>PROPELLANT</b>	COMCO2	COMCO2	COMCO2	COMCO2	COMCO2	COMCO2	
<b>PLACEMENT</b>	BRFOSO	BRFOSO	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
<b>NOZZLE</b>	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
<b>NOZZLE NUMBER</b>	6	6	6	6	6	6	
<b>NOZZLE SPACING</b>	20.000	20.000	20.000	20.000	20.000	20.000	IN
<b>SCREEN SIZE</b>							
<b>SCREEN SZ DESC</b>	NA	NA	NA	NA	NA	NA	
<b>SWATH WIDTH</b>	10.0	10.0	10.0	10.0	10.0	10.0	FT
<b>SPRAY VOLUME</b>	20.00	20.00	20.00	20.00	20.00	20.00	
<b>SPRAY VOLUME UNIT</b>	GPA	GPA	GPA	GPA	GPA	GPA	
<b>PRESSURE</b>	32.00	32.00	32.00	32.00	32.00	32.00	PSI
<b>DILUENT</b>	WATER	WATER	WATER	WATER	WATER	WATER	
<b>INC. DATE</b>							AME
<b>INC. START</b>							24H
<b>INC. END</b>							24H
<b>INC. DEPTH</b>							IN
<b>INC. EQUIPMENT</b>	---	---	---	---	---	---	
<b>DENSITY /</b>							
<b>*** CROP ***</b>							
<b>SOYBEAN</b>	---/01	---/13	---/15	---/15		---/69	
<b>ASGROW 4404 RR</b>	/	4.00/4.00	7.00/7.00	12.0/12.0		21.0/21.0	IN
<b>06/09/2009</b>							
<b>*** PEST ***</b>							
<b>WATERHEMP, COMMO</b>	---/00	---/15	---/17	---/19		---/59	
	0.00/0.00	3.00/3.00	3.00/3.00	7.00/7.00		28.0/28.0	IN
<b>RAGWEED, COMMON</b>	---/00	---/16	---/18	---/18		---/55	
	0.00/0.00	3.00/3.00	3.00/3.00	12.0/12.0		31.0/31.0	IN
<b>LAMBSQUARTERS, C</b>	---/00						
	0.00/0.00						IN
<b>MORNINGGLORY</b>	---/00	---/15	---/18	---/18			
	0.00/0.00	2.50/2.50	4.00/4.00	8.00/8.00			IN
<b>PANICUM, FALL</b>	---/00	---/13	---/14	---/17		---/59	
	0.00/0.00	7.00/7.00	8.00/8.00	19.0/19.0		31.0/31.0	IN
<b>FOXTAIL, GIANT</b>	---/00	---/13	---/14	---/17		---/59	
	0.00/0.00	4.00/4.00	8.00/8.00	19.0/19.0		31.0/31.0	IN

\* TIMING CODES

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

\* STAGE CODE

00 = DRY SEED (CARYOPSIS)  
 00 = DRY SEED; DORMANCY  
 01 = BEGINNING OF SEED IMBIBITION

## \* STAGE CODE

13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES  
13 = 3 LEAVES UNFOLDED  
14 = 4 LEAVES UNFOLDED  
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES  
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
17 = 7 LEAVES UNFOLDED  
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
55 = FIRST FLOWERS VISIBLE (STILL CLOSED); MID-HEADING (50% EMERGED)  
59 = END OF HEADING: INFLORESCENCE FULLY EMERGED  
59 = FIRST FLOWER PETALS VISIBLE; HEAD FULLY EMERGED  
69 = END OF FLOWERING, FIRST PODS VISIBLE

**TITLE:** Soybean Herbicide Systems for Weed Control in RR-Soybean. E3  
**CREATED:** 05/05/2009 **REVISED:** 12/02/2009 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Brownstown **RESEARCHED BY:**  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 30.00 FT LONG  
**PLOT AREA:** 300.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	GLXMA	GLXMA	GLXMA	SETFA	PANDI
		RATE	UNIT		PRE 07/06/09	14 DAT 07/21/09	28 DAT 08/05/09	56 DAT 08/31/09	PRE 07/06/09	PRE 07/06/09
1A»	PREFIX 5.32SL	1.31	LAA	9	0	0	0	0	84	74
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
2A»	BOUNDARY 6.5EC	1.63	LAA	9	0	0	0	0	94	94
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
3A»	BOUNDARY 6.5EC	1.63	LAA	9	0	0	0	0	92	89
	B»FLEXSTAR GT 3.	1.24	LAA	12						
	C»COC	1.00	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
4A»	TOUCHDN TOTAL	0.78	LAA	11	0	0	0	0	C	C
	B»LIQUID AMS	2.50	PMV	11						
5A»	TOUCHDN TOTAL	0.78	LAA	11	0	0	0	0	C	C
	B»LIQUID AMS	2.50	PMV	11						
	C»TOUCHDN TOTAL	0.78	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
6A»	ENVIVE 41.3SG	0.077	LAA	0	0	0	0	0	92	92
	B CLASSIC 25WG	0.017	LAA	9						
	C»HARMONY 50SG	0.005	LAA	9						
	D VALOR 51WG	0.055	LAA	9						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
7A»	ENVIVE 41.3SG	0.077	LAA	0	0	0	0	0	93	93
	B CLASSIC 25WG	0.017	LAA	9						
	C»HARMONY 50SG	0.005	LAA	9						
	D VALOR 51WG	0.055	LAA	9						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»SYNCHRONY XP 2	0.0067	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
8A»	ENLITE 47.86WG	0.083	LAA	0	0	0	0	0	93	93
	B CLASSIC 25WG	0.005	LAA	9						
	C»HARMONY 50SG	0.015	LAA	9						
	D VALOR 51WG	0.063	LAA	9						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»SYNCHRONY XP 2	0.0067	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
9A»	SONIC 70DF	0.131	LAA	9	0	0	0	0	91	90
	B»DURANGO 4AE	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
10A»	SONIC 70DF	0.197	LAA	9	0	0	0	0	93	93
	B»DURANGO 4AE	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
11A	PROWL H2O 3.8	1.19	LAA	9	0	0	0	0	77	77
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
12A	PROWL H2O 3.8	1.19	LAA	9	5	3	0	0	65	65
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
	D HEADLINE 2.09E	0.098	LAA	15						
	E»ACTIVATOR 90	0.25	PMV	15						
13A	PURSUIT +	0.91	LAA	9	0	0	0	0	97	97
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						

## TITLE: Soybean Herbicide Systems for Weed Control in RR-Soybean. E3

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	GLXMA	GLXMA	GLXMA	SETFA	PANDI
		RATE	UNIT	TM	PRE 07/06/09	14 DAT 07/21/09	28 DAT 08/05/09	56 DAT 08/31/09	PRE 07/06/09	PRE 07/06/09
14A	GANGSTER V	0.048	LAA	9	0	0	0	0	93	93
	B GANGSTER FR	0.016	LAA	9						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
15A	»AUTHOR. FIRST	0.131	LAA	9	0	0	0	0	91	91
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
16A	»AUTHORITY MTZ	0.34	LAA	9	0	0	0	0	95	95
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
17A	»VALOR XLT 40WG	0.075	LAA	0	0	0	0	0	95	95
	B VALOR 51WG	0.056	LAA	9						
	C CLASSIC 25WG	0.019	LAA	9						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
18A	»OPTILL 68WG	0.085	LAA	9	0	0	0	0	96	96
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
19A	»SHARPEN 2.85L	0.022	LAA	9	0	0	0	0	74	74
	B PROWL H2O 3.8	1.19	LAA	9						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
20A	CANOPY 75WG	0.188	LAA	9	0	0	0	0	92	92
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
21A	CHECK	0.00	NA	0	0	0	0	0	0	0
22A	»DURANGO 4AE	0.75	LAA	12	0	0	2	0	C	C
	B FIRSTRATE 84WG	0.016	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
	D»DURANGO 4AE	0.75	LAA	14						
	E»LIQUID AMS	2.50	PMV	14						
23A	»INTRRO 4EC	2.00	LAA	9	0	0	0	0	55	55
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
24A	»V-10233 76WG	0.178	LAA	9	0	0	0	0	97	94
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			2.89	1.92	1.00	0.00	17.00	16.55
		STANDARD DEVIATION			1.44	1.00	0.481	0.00	8.50	8.27

**TITLE:** Soybean Herbicide Systems for Weed Control in RR-Soybean. E3  
**CREATED:** 05/05/2009 **REVISED:** 12/02/2009 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Brownstown **RESEARCHED BY:**  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 30.00 FT LONG  
**PLOT AREA:** 300.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMATA	AMBEL	IPOSS	SETFA	PANDI	AMATA
		RATE	UNIT		PRE 07/06/09	PRE 07/06/09	PRE 07/06/09	14 DAT 07/21/09	14 DAT 07/21/09	14 DAT 07/21/09
1A»	PREFIX 5.32SL	1.31	LAA	9	86	98	89	87	87	97
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
2A»	BOUNDARY 6.5EC	1.63	LAA	9	94	91	97	93	93	98
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
3A»	BOUNDARY 6.5EC	1.63	LAA	9	95	95	97	97	97	99
	B»FLEXSTAR GT 3.	1.24	LAA	12						
	C»COC	1.00	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
4A»	TOUCHDN TOTAL	0.78	LAA	11	C	C	C	76	76	32
	B»LIQUID AMS	2.50	PMV	11						
5A»	TOUCHDN TOTAL	0.78	LAA	11	C	C	C	98	98	99
	B»LIQUID AMS	2.50	PMV	11						
	C»TOUCHDN TOTAL	0.78	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
6A»	ENVIVE 41.3SG	0.077	LAA	0	88	99	98	89	89	97
	B CLASSIC 25WG	0.017	LAA	9						
	C»HARMONY 50SG	0.005	LAA	9						
	D VALOR 51WG	0.055	LAA	9						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
7A»	ENVIVE 41.3SG	0.077	LAA	0	96	99	98	96	96	99
	B CLASSIC 25WG	0.017	LAA	9						
	C»HARMONY 50SG	0.005	LAA	9						
	D VALOR 51WG	0.055	LAA	9						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»SYNCHRONY XP 2	0.0067	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
8A»	ENLITE 47.86WG	0.083	LAA	0	96	98	97	95	95	99
	B CLASSIC 25WG	0.005	LAA	9						
	C»HARMONY 50SG	0.015	LAA	9						
	D VALOR 51WG	0.063	LAA	9						
	E»RNDUP POWERMAX	0.77	LAA	12						
	F»SYNCHRONY XP 2	0.0067	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
9A»	SONIC 70DF	0.131	LAA	9	97	98	98	93	93	99
	B»DURANGO 4AE	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
10A»	SONIC 70DF	0.197	LAA	9	99	99	98	95	95	99
	B»DURANGO 4AE	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
11A	PROWL H2O 3.8	1.19	LAA	9	78	58	96	93	93	98
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
12A	PROWL H2O 3.8	1.19	LAA	9	68	67	78	93	93	96
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
	D HEADLINE 2.09E	0.098	LAA	15						
	E»ACTIVATOR 90	0.25	PMV	15						
13A	PURSUIT +	0.91	LAA	9	65	96	98	93	93	98
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						

## TITLE: Soybean Herbicide Systems for Weed Control in RR-Soybean. E3

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMATA	AMBEL	IPOSS	SETFA	PANDI	AMATA
		RATE	UNIT	TM	PRE 07/06/09	PRE 07/06/09	PRE 07/06/09	14 DAT 07/21/09	14 DAT 07/21/09	14 DAT 07/21/09
14A	GANGSTER V	0.048	LAA	9	93	99	98	91	91	99
	B GANGSTER FR	0.016	LAA	9						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
15A	»AUTHOR. FIRST	0.131	LAA	9	93	99	99	90	90	99
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
16A	»AUTHORITY MTZ	0.34	LAA	9	98	94	99	94	94	99
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
17A	»VALOR XLT 40WG	0.075	LAA	0	99	99	95	96	96	99
	B VALOR 51WG	0.056	LAA	9						
	C CLASSIC 25WG	0.019	LAA	9						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
18A	»OPTILL 68WG	0.085	LAA	9	96	98	98	96	96	98
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
19A	»SHARPEN 2.85L	0.022	LAA	9	94	97	93	93	93	99
	B PROWL H2O 3.8	1.19	LAA	9						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
20A	CANOPY 75WG	0.188	LAA	9	81	97	96	93	93	98
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
21A	CHECK	0.00	NA	0	0	0	0	0	0	0
22A	»DURANGO 4AE	0.75	LAA	12	C	C	C	98	98	97
	B FIRSTRATE 84WG	0.016	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
	D»DURANGO 4AE	0.75	LAA	14						
	E»LIQUID AMS	2.50	PMV	14						
23A	»INTRRO 4EC	2.00	LAA	9	53	76	76	86	86	96
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
24A	»V-10233 76WG	0.178	LAA	9	99	99	95	94	94	98
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			18.21	13.62	12.00	6.78	6.78	2.17
		STANDARD DEVIATION			9.10	6.81	6.00	3.39	3.39	1.09

**TITLE:** Soybean Herbicide Systems for Weed Control in RR-Soybean. E3  
**CREATED:** 05/05/2009 **REVISED:** 12/02/2009 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Brownstown **RESEARCHED BY:**  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 30.00 FT LONG  
**PLOT AREA:** 300.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMBEL	IPOSS	CHEAL	SETFA	PANDI	AMATA
		RATE	UNIT		14 DAT 07/21/09	14 DAT 07/21/09	14 DAT 07/21/09	28 DAT 08/05/09	28 DAT 08/05/09	28 DAT 08/05/09
1A»	PREFIX 5.32SL	1.31	LAA	9	99	98	97	63	63	63
B»	TOUCHDN TOTAL	0.78	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
2A»	BOUNDARY 6.5EC	1.63	LAA	9	99	99	98	83	83	83
B»	TOUCHDN TOTAL	0.78	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
3A»	BOUNDARY 6.5EC	1.63	LAA	9	99	99	99	90	90	98
B»	FLEXSTAR GT 3.	1.24	LAA	12						
C»	COC	1.00	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
4A»	TOUCHDN TOTAL	0.78	LAA	11	99	90	93	50	50	42
B»	LIQUID AMS	2.50	PMV	11						
5A»	TOUCHDN TOTAL	0.78	LAA	11	99	97	99	95	95	95
B»	LIQUID AMS	2.50	PMV	11						
C»	TOUCHDN TOTAL	0.78	LAA	13						
D»	LIQUID AMS	2.50	PMV	13						
6A»	ENVIVE 41.3SG	0.077	LAA	0	99	99	99	74	74	91
B	CLASSIC 25WG	0.017	LAA	9						
C»	HARMONY 50SG	0.005	LAA	9						
D	VALOR 51WG	0.055	LAA	9						
E»	RNDUP POWERMAX	0.77	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						
7A»	ENVIVE 41.3SG	0.077	LAA	0	99	98	99	90	90	96
B	CLASSIC 25WG	0.017	LAA	9						
C»	HARMONY 50SG	0.005	LAA	9						
D	VALOR 51WG	0.055	LAA	9						
E»	RNDUP POWERMAX	0.77	LAA	12						
F»	SYNCHRONY XP 2	0.0067	LAA	12						
G»	LIQUID AMS	2.50	PMV	12						
8A»	ENLITE 47.86WG	0.083	LAA	0	99	98	99	90	90	98
B	CLASSIC 25WG	0.005	LAA	9						
C»	HARMONY 50SG	0.015	LAA	9						
D	VALOR 51WG	0.063	LAA	9						
E»	RNDUP POWERMAX	0.77	LAA	12						
F»	SYNCHRONY XP 2	0.0067	LAA	12						
G»	LIQUID AMS	2.50	PMV	12						
9A»	SONIC 70DF	0.131	LAA	9	99	98	99	88	88	98
B»	DURANGO 4AE	0.75	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
10A»	SONIC 70DF	0.197	LAA	9	99	99	99	92	92	99
B»	DURANGO 4AE	0.75	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
11A	PROWL H2O 3.8	1.19	LAA	9	98	98	99	85	85	84
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
12A	PROWL H2O 3.8	1.19	LAA	9	99	96	98	81	81	93
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
D	HEADLINE 2.09E	0.098	LAA	15						
E»	ACTIVATOR 90	0.25	PMV	15						
13A	PURSUIT +	0.91	LAA	9	99	96	99	83	83	92
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						

## TITLE: Soybean Herbicide Systems for Weed Control in RR-Soybean. E3

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBEL	IPOSS	CHEAL	SETFA	PANDI	AMATA
		RATE	UNIT	TM	14 DAT 07/21/09	14 DAT 07/21/09	14 DAT 07/21/09	28 DAT 08/05/09	28 DAT 08/05/09	28 DAT 08/05/09
14A	GANGSTER V	0.048	LAA	9	99	95	99	78	77	80
	B GANGSTER FR	0.016	LAA	9						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
15A	»AUTHOR. FIRST	0.131	LAA	9	99	98	99	78	77	98
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
16A	»AUTHORITY MTZ	0.34	LAA	9	99	97	99	86	86	94
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
17A	»VALOR XLT 40WG	0.075	LAA	0	99	97	99	94	94	99
	B VALOR 51WG	0.056	LAA	9						
	C CLASSIC 25WG	0.019	LAA	9						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
18A	»OPTILL 68WG	0.085	LAA	9	99	98	99	91	91	93
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
19A	»SHARPEN 2.85L	0.022	LAA	9	99	97	99	85	85	91
	B PROWL H2O 3.8	1.19	LAA	9						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
20A	CANOPY 75WG	0.188	LAA	9	99	98	99	84	84	95
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
21A	CHECK	0.00	NA	0	0	0	0	0	0	0
22A	»DURANGO 4AE	0.75	LAA	12	99	99	99	98	98	99
	B FIRSTRATE 84WG	0.016	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
	D»DURANGO 4AE	0.75	LAA	14						
	E»LIQUID AMS	2.50	PMV	14						
23A	»INTRRO 4EC	2.00	LAA	9	99	98	94	58	58	78
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
24A	»V-10233 76WG	0.178	LAA	9	99	97	97	83	83	95
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			0.613	2.79	4.25	19.00	20.86	15.84
		STANDARD DEVIATION			0.306	1.40	2.13	9.50	10.43	7.92



**TITLE:** Soybean Herbicide Systems for Weed Control in RR-Soybean. E3  
**CREATED:** 05/05/2009 **REVISED:** 12/02/2009 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Brownstown **RESEARCHED BY:**  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 30.00 FT LONG  
**PLOT AREA:** 300.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMBEL	IPOSS	CHEAL	SETFA	PANDI	AMATA
		RATE	UNIT		28 DAT 08/05/09	28 DAT 08/05/09	28 DAT 08/05/09	56 DAT 08/31/09	56 DAT 08/31/09	56 DAT 08/31/09
1A»	PREFIX 5.32SL	1.31	LAA	9	99	94	83	45	47	55
B»	TOUCHDN TOTAL	0.78	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
2A»	BOUNDARY 6.5EC	1.63	LAA	9	99	99	77	65	68	70
B»	TOUCHDN TOTAL	0.78	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
3A»	BOUNDARY 6.5EC	1.63	LAA	9	99	96	93	72	77	98
B»	FLEXSTAR GT 3.	1.24	LAA	12						
C»	COC	1.00	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
4A»	TOUCHDN TOTAL	0.78	LAA	11	70	67	75	35	38	38
B»	LIQUID AMS	2.50	PMV	11						
5A»	TOUCHDN TOTAL	0.78	LAA	11	99	97	96	84	84	91
B»	LIQUID AMS	2.50	PMV	11						
C»	TOUCHDN TOTAL	0.78	LAA	13						
D»	LIQUID AMS	2.50	PMV	13						
6A»	ENVIVE 41.3SG	0.077	LAA	0	99	97	99	53	56	83
B	CLASSIC 25WG	0.017	LAA	9						
C»	HARMONY 50SG	0.005	LAA	9						
D	VALOR 51WG	0.055	LAA	9						
E»	RNDUP POWERMAX	0.77	LAA	12						
F»	LIQUID AMS	2.50	PMV	12						
7A»	ENVIVE 41.3SG	0.077	LAA	0	99	96	99	84	88	96
B	CLASSIC 25WG	0.017	LAA	9						
C»	HARMONY 50SG	0.005	LAA	9						
D	VALOR 51WG	0.055	LAA	9						
E»	RNDUP POWERMAX	0.77	LAA	12						
F»	SYNCHRONY XP 2	0.0067	LAA	12						
G»	LIQUID AMS	2.50	PMV	12						
8A»	ENLITE 47.86WG	0.083	LAA	0	99	97	99	83	85	99
B	CLASSIC 25WG	0.005	LAA	9						
C»	HARMONY 50SG	0.015	LAA	9						
D	VALOR 51WG	0.063	LAA	9						
E»	RNDUP POWERMAX	0.77	LAA	12						
F»	SYNCHRONY XP 2	0.0067	LAA	12						
G»	LIQUID AMS	2.50	PMV	12						
9A»	SONIC 70DF	0.131	LAA	9	99	97	99	77	78	98
B»	DURANGO 4AE	0.75	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
10A»	SONIC 70DF	0.197	LAA	9	99	98	99	85	85	99
B»	DURANGO 4AE	0.75	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
11A	PROWL H2O 3.8	1.19	LAA	9	91	95	87	70	71	82
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
12A	PROWL H2O 3.8	1.19	LAA	9	99	95	96	75	75	88
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
D	HEADLINE 2.09E	0.098	LAA	15						
E»	ACTIVATOR 90	0.25	PMV	15						
13A	PURSUIT +	0.91	LAA	9	98	94	98	62	65	90
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						

## TITLE: Soybean Herbicide Systems for Weed Control in RR-Soybean. E3

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBEL	IPOSS	CHEAL	SETFA	PANDI	AMATA
		RATE	UNIT	TM	28 DAT 08/05/09	28 DAT 08/05/09	28 DAT 08/05/09	56 DAT 08/31/09	56 DAT 08/31/09	56 DAT 08/31/09
14A	GANGSTER V	0.048	LAA	9	98	98	99	71	73	86
	B GANGSTER FR	0.016	LAA	9						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
15A	»AUTHOR. FIRST	0.131	LAA	9	98	97	99	66	71	96
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
16A	»AUTHORITY MTZ	0.34	LAA	9	97	92	99	80	80	98
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
17A	»VALOR XLT 40WG	0.075	LAA	0	96	96	99	87	87	99
	B VALOR 51WG	0.056	LAA	9						
	C CLASSIC 25WG	0.019	LAA	9						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
18A	»OPTILL 68WG	0.085	LAA	9	99	98	93	83	83	88
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
19A	»SHARPEN 2.85L	0.022	LAA	9	95	91	95	70	72	77
	B PROWL H2O 3.8	1.19	LAA	9						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
20A	CANOPY 75WG	0.188	LAA	9	99	96	99	78	78	96
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
21A	CHECK	0.00	NA	0	0	0	0	0	0	0
22A	»DURANGO 4AE	0.75	LAA	12	99	98	99	98	98	99
	B FIRSTRATE 84WG	0.016	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
	D»DURANGO 4AE	0.75	LAA	14						
	E»LIQUID AMS	2.50	PMV	14						
23A	»INTRRO 4EC	2.00	LAA	9	96	95	76	38	43	75
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
24A	»V-10233 76WG	0.178	LAA	9	99	93	86	73	76	82
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			9.92	9.00	15.56	26.53	25.54	21.58
		STANDARD DEVIATION			5.00	4.49	7.78	13.26	12.77	10.79

**TITLE:** Soybean Herbicide Systems for Weed Control in RR-Soybean. E3  
**CREATED:** 05/05/2009 **REVISED:** 12/02/2009 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Brownstown **RESEARCHED BY:**  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 30.00 FT LONG  
**PLOT AREA:** 300.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBEL 56 DAT 08/31/09	IPOSS 56 DAT 08/31/09	CHEAL 56 DAT 08/31/09	YIELD BU/A 10/20/09
		RATE	UNIT	TM				
1A»	PREFIX 5.32SL	1.31	LAA	9	99	85	78	30.1
B»	TOUCHDN TOTAL	0.78	LAA	12				
C»	LIQUID AMS	2.50	PMV	12				
2A»	BOUNDARY 6.5EC	1.63	LAA	9	99	98	67	37.5
B»	TOUCHDN TOTAL	0.78	LAA	12				
C»	LIQUID AMS	2.50	PMV	12				
3A»	BOUNDARY 6.5EC	1.63	LAA	9	99	99	80	36.0
B»	FLEXSTAR GT 3.	1.24	LAA	12				
C»	COC	1.00	PMV	12				
D»	LIQUID AMS	2.50	PMV	12				
4A»	TOUCHDN TOTAL	0.78	LAA	11	78	82	99	29.9
B»	LIQUID AMS	2.50	PMV	11				
5A»	TOUCHDN TOTAL	0.78	LAA	11	98	96	88	37.1
B»	LIQUID AMS	2.50	PMV	11				
C»	TOUCHDN TOTAL	0.78	LAA	13				
D»	LIQUID AMS	2.50	PMV	13				
6A»	ENVIVE 41.3SG	0.077	LAA	0	99	99	99	34.5
B	CLASSIC 25WG	0.017	LAA	9				
C»	HARMONY 50SG	0.005	LAA	9				
D	VALOR 51WG	0.055	LAA	9				
E»	RNDUP POWERMAX	0.77	LAA	12				
F»	LIQUID AMS	2.50	PMV	12				
7A»	ENVIVE 41.3SG	0.077	LAA	0	99	96	99	39.5
B	CLASSIC 25WG	0.017	LAA	9				
C»	HARMONY 50SG	0.005	LAA	9				
D	VALOR 51WG	0.055	LAA	9				
E»	RNDUP POWERMAX	0.77	LAA	12				
F»	SYNCHRONY XP 2	0.0067	LAA	12				
G»	LIQUID AMS	2.50	PMV	12				
8A»	ENLITE 47.86WG	0.083	LAA	0	99	96	99	42.9
B	CLASSIC 25WG	0.005	LAA	9				
C»	HARMONY 50SG	0.015	LAA	9				
D	VALOR 51WG	0.063	LAA	9				
E»	RNDUP POWERMAX	0.77	LAA	12				
F»	SYNCHRONY XP 2	0.0067	LAA	12				
G»	LIQUID AMS	2.50	PMV	12				
9A»	SONIC 70DF	0.131	LAA	9	98	96	99	37.8
B»	DURANGO 4AE	0.75	LAA	12				
C»	LIQUID AMS	2.50	PMV	12				
10A»	SONIC 70DF	0.197	LAA	9	98	95	99	34.2
B»	DURANGO 4AE	0.75	LAA	12				
C»	LIQUID AMS	2.50	PMV	12				
11A	PROWL H2O 3.8	1.19	LAA	9	92	96	80	36.9
B»	RNDUP POWERMAX	0.77	LAA	12				
C»	LIQUID AMS	2.50	PMV	12				
12A	PROWL H2O 3.8	1.19	LAA	9	99	93	92	37.5
B»	RNDUP POWERMAX	0.77	LAA	12				
C»	LIQUID AMS	2.50	PMV	12				
D	HEADLINE 2.09E	0.098	LAA	15				
E»	ACTIVATOR 90	0.25	PMV	15				
13A	PURSUIT +	0.91	LAA	9	98	95	93	36.3
B»	RNDUP POWERMAX	0.77	LAA	12				
C»	LIQUID AMS	2.50	PMV	12				

TITLE: Soybean Herbicide Systems for Weed Control in RR-Soybean. E3

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBEL	IPOSS	CHEAL	YIELD
		RATE	UNIT	TM	56 DAT 08/31/09	56 DAT 08/31/09	56 DAT 08/31/09	BU/A 10/20/09
14A	GANGSTER V	0.048	LAA	9	93	97	97	37.4
	B GANGSTER FR	0.016	LAA	9				
	C»RNDUP POWERMAX	0.77	LAA	12				
	D»LIQUID AMS	2.50	PMV	12				
15A»	AUTHOR. FIRST	0.131	LAA	9	94	96	99	42.7
	B»RNDUP POWERMAX	0.77	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
16A»	AUTHORITY MTZ	0.34	LAA	9	98	95	99	39.2
	B»RNDUP POWERMAX	0.77	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
17A»	VALOR XLT 40WG	0.075	LAA	0	96	96	99	41.3
	B VALOR 51WG	0.056	LAA	9				
	C CLASSIC 25WG	0.019	LAA	9				
	D»RNDUP POWERMAX	0.77	LAA	12				
	E»LIQUID AMS	2.50	PMV	12				
18A»	OPTILL 68WG	0.085	LAA	9	99	98	99	38.8
	B»RNDUP POWERMAX	0.77	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
19A»	SHARPEN 2.85L	0.022	LAA	9	90	93	80	37.6
	B PROWL H2O 3.8	1.19	LAA	9				
	C»RNDUP POWERMAX	0.77	LAA	12				
	D»LIQUID AMS	2.50	PMV	12				
20A	CANOPY 75WG	0.188	LAA	9	99	98	99	40.9
	B»RNDUP POWERMAX	0.77	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
21A	CHECK	0.00	NA	0	0	0	0	17.9
22A»	DURANGO 4AE	0.75	LAA	12	99	99	98	40.6
	B FIRSTRATE 84WG	0.016	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
	D»DURANGO 4AE	0.75	LAA	14				
	E»LIQUID AMS	2.50	PMV	14				
23A»	INTRRO 4EC	2.00	LAA	9	91	99	73	34.1
	B»RNDUP POWERMAX	0.77	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
24A»	V-10233 76WG	0.178	LAA	9	98	96	83	35.0
	B»RNDUP POWERMAX	0.77	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
		LSD (0.05)			9.68	12.12	20.59	7.77
		STANDARD DEVIATION			4.84	6.06	10.30	3.88

» = SUPPLEMENTAL CHEMICAL

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

\* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 09 = ----- / PREEMERGENCE 06/09/2009(1)
- 11 = ----- / EPOST 06/23/2009(2)
- 12 = ----- / POST 07/06/2009(3)
- 13 = ----- / LPOST 07/14/2009(4)
- 14 = ----- / VLPOST 07/28/2009(5)
- 15 = ----- / PO.DIRECTED 08/05/2009(6)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	PRE	07/06/2009	01	P	GLXMA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	14 DAT	07/21/2009	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	GLXMA	28 DAT	08/05/2009	01	P	GLXMA	69	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	GLXMA	56 DAT	08/31/2009	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	PRE	07/06/2009	02	P	SETFA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	PANDI	PRE	07/06/2009	03	P	PANDI	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	PRE	07/06/2009	04	P	AMATA	17	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Soybean Herbicide Systems for Weed Control in RR-Soybean. E3

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
005	AMBEL	PRE	07/06/2009	05	P	AMBEL	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	IPOSS	PRE	07/06/2009	06	P	IPOSS	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	14 DAT	07/21/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	PANDI	14 DAT	07/21/2009	03	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	14 DAT	07/21/2009	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMBEL	14 DAT	07/21/2009	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	IPOSS	14 DAT	07/21/2009	06	P	IPOSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	CHEAL	14 DAT	07/21/2009	07	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	SETFA	28 DAT	08/05/2009	02	P	SETFA	59	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	PANDI	28 DAT	08/05/2009	03	P	PANDI	59	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	AMATA	28 DAT	08/05/2009	04	P	AMATA	59	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMBEL	28 DAT	08/05/2009	05	P	AMBEL	55	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	IPOSS	28 DAT	08/05/2009	06	P	IPOSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	CHEAL	28 DAT	08/05/2009	07	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	SETFA	56 DAT	08/31/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	PANDI	56 DAT	08/31/2009	03	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	AMATA	56 DAT	08/31/2009	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	AMBEL	56 DAT	08/31/2009	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	IPOSS	56 DAT	08/31/2009	06	P	IPOSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	CHEAL	56 DAT	08/31/2009	07	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	YIELD	BU/A	10/20/2009	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = ASGROW 4404 RR

## \* STAGE CODE

14 = 4 LEAVES UNFOLDED

15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES

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

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

55 = FIRST FLOWERS VISIBLE (STILL CLOSED); MID-HEADING (50% EMERGED)

59 = END OF HEADING: INFLORESCENCE FULLY EMERGED

59 = FIRST FLOWER PETALS VISIBLE; HEAD FULLY EMERGED

69 = END OF FLOWERING, FIRST PODS VISIBLE