

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.2
 %OM: 6.0
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE:
 PLOT WIDTH: 7.5 X 33 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	04	05	UNIT
TIMINGS	06	09	11	12	13	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/20/99	05/26/99	06/09/99	06/18/99	06/24/99	AME
AIR TEMPERATURE	62	65	70	67	81	F
% REL.HUMIDITY	45	40	56	51	70	
WIND DIRECTION	NORTHWEST	WEST	---	NORTH	NORTHWEST	
WIND SPEED	7.0	3.0	0.0	1.0	3.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	PARTCLDY	PARTCLDY	PARTCLDY	
DEW	NO	NO	NO	NO	NO	
SOIL MOISTURE	MOIST/MOI	DRY/MOIST	MOIST/MOI	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	---	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	WATER	
INC. DATE						AME
INC. START						24H
INC. END						24H
INC. DEPTH						IN
INC. EQUIPMENT						
DENSITY /						
*** CROP ***						
SOYBEAN			---/11	---/12	---/13	
PIONEER 92B71RR			3.00/4.00	5.00/5.00	6.00/6.00	IN
05/26/1999						
*** PEST ***						
RAGWEED, GIANT			---/18	---/19	---/19	
LAMBSQUARTERS, C			6.00/10.0	12.0/16.0	16.0/20.0	IN
FOXTAIL, GIANT			---/17	---/19	---/19	
			2.00/4.00	4.00/6.00	6.00/8.00	IN
			---/13	---/14	---/15	
			2.00/4.00	6.00/8.00	8.00/10.0	IN

* TIMING CODES

06 = ----- / EPP07 DBP
 09 = ----- / PRE
 11 = ----- / EPOST
 12 = ----- / POST
 13 = ----- / LPOST

* STAGE CODE

11 = FIRST LEAF UNFOLDED
 12 = 2 LEAVES (UNIFOLIATE FIRST LEAF PAIR) UNFOLDED, 1 NODE
 13 = 3 LEAVES UNFOLDED
 14 = 4 LEAVES UNFOLDED
 15 = 5 LEAVES UNFOLDED
 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: DK 704 NO-TILLAGE WEED MANAGEMENT SYSTEMS IN RR-SOYBEANS D/15"
CREATED: 04/15/1999 **REVISED:** 01/28/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DEKALB **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 33.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	CHEAL	SETFA	AMBTR	YIELD
		RATE	UNIT		CON % 07/19/99	CON % 07/19/99	CON % 07/19/99	CON % 07/19/99	BU/A 10/12/99
1A	ROUNDUP ULTRA	0.56	LAA	6	0	99	99	90	39.8
	B»2,4-D LVE	0.50	LAA	6					
	C PROWL 3.3EC	1.25	LAA	6					
	D AM. SULFATE	17.00	PMG	6					
	E PURSUIT DG (70	0.063	LAA	11					
	F»SUNIT II	0.75	PMV	11					
	G 28% UAN	1.25	PMV	11					
	H»DRILLED	0.00	NA	0					
2A	ROUNDUP ULTRA	0.56	LAA	6	0	99	99	99	50.2
	B»2,4-D LVE	0.50	LAA	6					
	C AM. SULFATE	17.00	PMG	6					
	D ROUNDUP ULTRA	0.75	LAA	12					
	E AM. SULFATE	17.00	PMG	12					
	F»DRILLED	0.00	NA	0					
3A	ROUNDUP ULTRA	0.56	LAA	6	0	99	99	99	48.2
	B»2,4-D LVE	0.50	LAA	6					
	C AM. SULFATE	17.00	PMG	6					
	D ROUNDUP ULTRA	0.56	LAA	12					
	E AM. SULFATE	17.00	PMG	12					
	F ROUNDUP ULTRA	0.56	LAA	13					
	G AM. SULFATE	17.00	PMG	13					
	H»DRILLED	0.00	NA	0					
4A	CHECK	0.00	NA	0	0	0	0	0	23.5
	B»DRILLED	0.00	NA	0					
5A»	HAND WEEDED	0.00	NA	0	0	99	99	99	45.5
	B»DRILLED	0.00	NA	0					
6A	CANOPY 75WG	0.094	LAA	6	0	99	99	99	47.9
	B»2,4-D LVE	0.50	LAA	6					
	C»COC	1.00	PMV	6					
	D ROUNDUP ULTRA	0.75	LAA	12					
	E AM. SULFATE	17.00	PMG	12					
	F»DRILLED	0.00	NA	0					
7A	CANOPY 75WG	0.094	LAA	6	0	99	99	99	51.1
	B»2,4-D LVE	0.50	LAA	6					
	C»COC	1.00	PMV	6					
	D ROUNDUP ULTRA	0.56	LAA	12					
	E AM. SULFATE	17.00	PMG	12					
	F ROUNDUP ULTRA	0.56	LAA	13					
	G AM. SULFATE	17.00	PMG	13					
	H»DRILLED	0.00	NA	0					
8A	ROUNDUP ULTRA	0.75	LAA	9	0	99	99	95	46.3
	B AM. SULFATE	17.00	PMG	9					
	C ROUNDUP ULTRA	0.75	LAA	12					
	D AM. SULFATE	17.00	PMG	12					
	E»DRILLED	0.00	NA	0					
9A	ROUNDUP ULTRA	0.75	LAA	11	0	99	98	96	45.1
	B AM. SULFATE	17.00	PMG	11					
	C ROUNDUP ULTRA	0.75	LAA	12					
	D AM. SULFATE	17.00	PMG	12					
	E»DRILLED	0.00	NA	0					
10A	ROUNDUP ULTRA	0.75	LAA	11	0	99	93	95	41.6
	B AM. SULFATE	17.00	PMG	11					
	C»DRILLED	0.00	NA	0					
11A	ROUNDUP ULTRA	0.75	LAA	12	0	99	99	93	42.9
	B AM. SULFATE	17.00	PMG	12					
	C»DRILLED	0.00	NA	0					

TITLE: DK 704 NO-TILLAGE WEED MANAGEMENT SYSTEMS IN RR-SOYBEANS D/15"

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	CHEAL	SETFA	AMBTR	YIELD
		RATE	UNIT		CON % 07/19/99	CON % 07/19/99	CON % 07/19/99	CON % 07/19/99	BU/A 10/12/99
12A	ROUNDUP ULTRA	0.56	LAA	6	0	99	99	96	48.4
	B»2,4-D LVE	0.50	LAA	6					
	C PROWL 3.3EC	1.25	LAA	6					
	D AM. SULFATE	17.00	PMG	6					
	E ROUNDUP ULTRA	0.75	LAA	13					
	F AM. SULFATE	17.00	PMG	13					
	G»DRILLED	0.00	NA	0					
13A	ROUNDUP ULTRA	0.56	LAA	6	0	99	99	94	48.4
	B»2,4-D LVE	0.50	LAA	6					
	C PROWL 3.3EC	1.25	LAA	6					
	D AM. SULFATE	17.00	PMG	6					
	E PURSUIT DG (70	0.063	LAA	11					
	F»SUNIT II	0.75	PMV	11					
	G 28% UAN	1.25	PMV	11					
	H»15" ROWS	0.00	NA	0					
14A	ROUNDUP ULTRA	0.56	LAA	6	0	99	96	96	50.5
	B»2,4-D LVE	0.50	LAA	6					
	C AM. SULFATE	17.00	PMG	6					
	D ROUNDUP ULTRA	0.75	LAA	12					
	E AM. SULFATE	17.00	PMG	12					
	F»15" ROWS	0.00	NA	0					
15A	ROUNDUP ULTRA	0.56	LAA	6	0	99	98	99	53.7
	B»2,4-D LVE	0.50	LAA	6					
	C AM. SULFATE	17.00	PMG	6					
	D ROUNDUP ULTRA	0.56	LAA	12					
	E AM. SULFATE	17.00	PMG	12					
	F ROUNDUP ULTRA	0.56	LAA	13					
	G AM. SULFATE	17.00	PMG	13					
	H»15" ROWS	0.00	NA	0					
16A	CHECK	0.00	NA	0	0	0	0	0	20.5
	B»15" ROWS	0.00	NA	0					
17A»	HAND WEEDED	0.00	NA	0	0	99	99	99	51.4
	B»15" ROWS	0.00	NA	0					
18A	CANOPY 75WG	0.094	LAA	6	0	99	98	99	54.4
	B»2,4-D LVE	0.50	LAA	6					
	C»COC	1.00	PMV	6					
	D ROUNDUP ULTRA	0.75	LAA	12					
	E AM. SULFATE	17.00	PMG	12					
	F»15" ROWS	0.00	NA	0					
19A	CANOPY 75WG	0.094	LAA	6	0	99	99	99	48.1
	B»2,4-D LVE	0.50	LAA	6					
	C»COC	1.00	PMV	6					
	D ROUNDUP ULTRA	0.56	LAA	12					
	E AM. SULFATE	17.00	PMG	12					
	F ROUNDUP ULTRA	0.56	LAA	13					
	G AM. SULFATE	17.00	PMG	13					
	H»15" ROWS	0.00	NA	0					
20A	ROUNDUP ULTRA	0.75	LAA	9	0	99	96	99	52.4
	B AM. SULFATE	17.00	PMG	9					
	C ROUNDUP ULTRA	0.75	LAA	12					
	D AM. SULFATE	17.00	PMG	12					
	E»15" ROWS	0.00	NA	0					
21A	ROUNDUP ULTRA	0.75	LAA	11	0	99	99	98	42.6
	B AM. SULFATE	17.00	PMG	11					
	C ROUNDUP ULTRA	0.75	LAA	12					
	D AM. SULFATE	17.00	PMG	12					
	E»15" ROWS	0.00	NA	0					
22A	ROUNDUP ULTRA	0.75	LAA	11	0	99	87	78	41.7
	B AM. SULFATE	17.00	PMG	11					
	C»15" ROWS	0.00	NA	0					
23A	ROUNDUP ULTRA	0.75	LAA	12	0	99	99	96	48.5
	B AM. SULFATE	17.00	PMG	12					
	C»15" ROWS	0.00	NA	0					

TITLE: DK 704 NO-TILLAGE WEED MANAGEMENT SYSTEMS IN RR-SOYBEANS D/15"

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	CHEAL	SETFA	AMBTR	YIELD
		RATE	UNIT	TM	CON % 07/19/99	CON % 07/19/99	CON % 07/19/99	CON % 07/19/99	BU/A 10/12/99
24A	ROUNDUP ULTRA	0.56	LAA	6	0	99	99	98	51.3
	B»2,4-D LVE	0.50	LAA	6					
	C PROWL 3.3EC	1.25	LAA	6					
	D AM. SULFATE	17.00	PMG	6					
	E ROUNDUP ULTRA	0.75	LAA	13					
	F AM. SULFATE	17.00	PMG	13					
	G»15" ROWS	0.00	NA	0					
		LSD (0.05)			0.00	0.00	3.45	8.93	9.72
		STANDARD DEVIATION			0.00	0.00	1.72	4.46	4.86

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 06 = ----- / EPP07 DBP 05/20/1999(1)
- 09 = ----- / PRE 05/26/1999(2)
- 11 = ----- / EPOST 06/09/1999(3)
- 12 = ----- / POST 06/18/1999(4)
- 13 = ----- / LPOST 06/24/1999(5)

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 %	07/19/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	CHEAL	CON %	07/19/1999	02	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	07/19/1999	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMBTR	CON %	07/19/1999	04	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	YIELD	BU/A	10/12/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 92B71RR