

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.8
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	05	06	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/08/01	05/15/01	AME
AIR TEMPERATURE	76	89	F
% REL.HUMIDITY	30	45	
WIND DIRECTION	WEST	SOUTHWEST	
WIND SPEED	5.0	10.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	FRIABLE	FRIABLE	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
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	---	---	
DN/SG/MMZ			
*** PEST *** LAMBSQUARTERS, C	HGH/16 1.00/3.00	HGH/19 5.00/5.00	IN
HORSEWEED	HGH/14 2.00/4.00	HGH/18 4.00/6.00	IN
SOYBEAN PIONEER 93B66 05/29/2001	---/00 /		IN
SMARTWEED, PENNS	HGH/13 1.00/3.00	HGH/15 4.00/5.00	IN

* TIMING CODES

05 = ----- / EPP 15DBP
 06 = ----- / EPP 7DBP

* STAGE CODE

00 = DRY SEED
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: EPP Timings on Horseweed in Soybean C-300

CREATED: 04/07/2001 REVISED: 10/12/2001

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

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ERICA	CHEAL	POLPY	GLXMA	ERICA	CHEAL	
		RATE	UNIT	TM	CON % 05/28/01	CON % 05/28/01	CON % 05/28/01	CON % 06/15/01	CON % 06/15/01	CON % 06/15/01	
1A»	FIRSTRATE 84WG	0.016	LAA	5	86	73	87	0	78	43	
B»	ACTIVATOR 90	0.25	PMV	5							
C»	LIQUID AMS	2.50	PMV	5							
2A»	FIRSTRATE 84WG	0.016	LAA	5	99	99	99	0	99	99	
B»	RNDUP ULTRA MA	0.75	LAA	5							
C»	LIQUID AMS	2.50	PMV	5							
3A»	RNDUP ULTRA MA	0.75	LAA	5	99	98	98	0	99	96	
B»	LIQUID AMS	2.50	PMV	5							
4A	CHECK	0.00	NA	0	0	0	0	0	0	0	
5A»	FLEXSTAR 1.88M	0.294	LAA	5	80	82	95	0	67	75	
B»	COC	1.00	PMV	5							
C	28% UAN	2.50	PMV	5							
6A	CANOPY 75WG	0.188	LAA	5	95	99	98	0	97	99	
B	(G)2,4-D-ESTER	0.50	LAA	5							
C»	COC	1.00	PMV	5							
7A»	CANOPY XL 56.3	0.12	LAA	0	96	95	99	0	91	93	
B»	AUTHORITY	0.10	LAA	5							
C	CLASSIC 25WG	0.02	LAA	5							
D»	COC	1.00	PMV	5							
8A»	FIRSTRATE 84WG	0.016	LAA	6	52	20	72	0	70	52	
B»	ACTIVATOR 90	0.25	PMV	6							
C»	LIQUID AMS	2.50	PMV	6							
9A»	FIRSTRATE 84WG	0.016	LAA	6	96	98	96	0	99	98	
B»	RNDUP ULTRA MA	0.75	LAA	6							
C»	LIQUID AMS	2.50	PMV	6							
10A»	RNDUP ULTRA MA	0.75	LAA	6	98	99	95	0	99	96	
B»	LIQUID AMS	2.50	PMV	6							
11A»	FLEXSTAR 1.88M	0.294	LAA	6	70	67	83	0	65	67	
B»	COC	1.00	PMV	6							
C	28% UAN	2.50	PMV	6							
12A	CANOPY 75WG	0.188	LAA	6	92	89	84	0	93	99	
B	(G)2,4-D-ESTER	0.50	LAA	6							
C»	COC	1.00	PMV	6							
13A»	CANOPY XL 56.3	0.12	LAA	0	86	88	86	0	85	67	
B»	AUTHORITY	0.10	LAA	6							
C	CLASSIC 25WG	0.02	LAA	6							
D»	COC	1.00	PMV	6							
14A»	TOUCHDOWN 3L	0.75	LAA	6	96	96	84	0	99	95	
B»	LIQUID AMS	2.50	PMV	6							
					LSD (0.05)						
					12.81	9.57	9.18	0.00	14.00	12.24	
					STANDARD DEVIATION	6.23	4.65	4.46	0.00	6.81	6.00

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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 REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	POLPY CON %
1A	FIRSTRATE 84WG	0.016	LAA	5	82
B	ACTIVATOR 90	0.25	PMV	5	
C	LIQUID AMS	2.50	PMV	5	
2A	FIRSTRATE 84WG	0.016	LAA	5	99
B	RNDUP ULTRA MA	0.75	LAA	5	
C	LIQUID AMS	2.50	PMV	5	
3A	RNDUP ULTRA MA	0.75	LAA	5	99
B	LIQUID AMS	2.50	PMV	5	
4A	CHECK	0.00	NA	0	0
5A	FLEXSTAR 1.88M	0.294	LAA	5	78
B	COC	1.00	PMV	5	
C	28% UAN	2.50	PMV	5	
6A	CANOPY 75WG	0.188	LAA	5	99
B	(G)2,4-D-ESTER	0.50	LAA	5	
C	COC	1.00	PMV	5	
7A	CANOPY XL 56.3	0.12	LAA	0	99
B	AUTHORITY	0.10	LAA	5	
C	CLASSIC 25WG	0.02	LAA	5	
D	COC	1.00	PMV	5	
8A	FIRSTRATE 84WG	0.016	LAA	6	57
B	ACTIVATOR 90	0.25	PMV	6	
C	LIQUID AMS	2.50	PMV	6	
9A	FIRSTRATE 84WG	0.016	LAA	6	99
B	RNDUP ULTRA MA	0.75	LAA	6	
C	LIQUID AMS	2.50	PMV	6	
10A	RNDUP ULTRA MA	0.75	LAA	6	99
B	LIQUID AMS	2.50	PMV	6	
11A	FLEXSTAR 1.88M	0.294	LAA	6	72
B	COC	1.00	PMV	6	
C	28% UAN	2.50	PMV	6	
12A	CANOPY 75WG	0.188	LAA	6	93
B	(G)2,4-D-ESTER	0.50	LAA	6	
C	COC	1.00	PMV	6	
13A	CANOPY XL 56.3	0.12	LAA	0	87
B	AUTHORITY	0.10	LAA	6	
C	CLASSIC 25WG	0.02	LAA	6	
D	COC	1.00	PMV	6	
14A	TOUCHDOWN 3L	0.75	LAA	6	96
B	LIQUID AMS	2.50	PMV	6	
		LSD (0.05)			11.00
		STANDARD DEVIATION			5.34

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 05 = ----- / EPP 15DBP 05/08/2001 (1)
 06 = ----- / EPP 7DBP 05/15/2001 (2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
01	ERICA	CON %	05/28/2001	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
02	CHEAL	CON %	05/28/2001	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	POLPY	CON %	05/28/2001	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	GLXMA	CON %	06/15/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	ERICA	CON %	06/15/2001	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	CHEAL	CON %	06/15/2001	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	POLPY	CON %	06/15/2001	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 93B66