

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.8
 %OM: 5.9
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 33 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	05/08/03	AME
AIR TEMPERATURE	67	F
% REL.HUMIDITY	60	
WIND DIRECTION	SOUTHEAST	
WIND SPEED	2.0	M/H
CLOUD COVER	CLOUDY	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/01	
PIONEER 33Y09	/	IN
05/08/2003		

* TIMING CODES
 09 = ----- / PREEMERGENCE

* STAGE CODE
 01 = BEGINNING OF IMBIBITION

TITLE: Preemergence Grass Comparisons in Corn II M-17E
CREATED: 05/08/2003 **REVISED:** 11/05/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **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	ZEAMD	SETFA	CHEAL	AMATA	ZEAMD	SETFA
		RATE	UNIT		CON % 06/09/03	CON % 06/09/03	CON % 06/09/03	CON % 06/09/03	CON % 07/08/03	CON % 07/08/03
1A	»STALWART C 7.8	1.95	LAA	9	0	92	80	84	0	89
2A	»DUAL II MAGNUM	1.95	LAA	9	0	91	78	83	0	86
3A	»KIH-485 3.57L	0.22	LAA	9	0	88	89	93	0	83
4A	»OUTLOOK 6EC	0.98	LAA	9	0	94	88	93	0	90
5A	CHECK	0.00	NA	9	0	0	0	0	0	0
6A	HARNESS (7EC)	2.37	LAA	9	0	97	91	96	0	95
7A	»DEGREE 3.8SC	2.37	LAA	9	0	83	67	77	0	81
8A	SURPASS 6.4	2.37	LAA	9	0	93	87	91	0	94
9A	»DEFINE 60DF	0.79	LAA	9	0	72	47	57	0	73
10A	»PROWL H20 3.8C	1.19	LAA	9	0	73	80	88	0	77
11A	»STALWART C 7.8	1.59	LAA	9	0	87	70	80	0	77
12A	»DUAL II MAGNUM	1.59	LAA	9	0	78	60	70	0	67
13A	»KIH-485 3.57L	0.19	LAA	9	0	82	87	93	0	65
14A	»OUTLOOK 6EC	0.82	LAA	9	0	89	78	85	0	82
15A	HARNESS (7EC)	1.98	LAA	9	0	92	83	89	0	89
16A	»DEGREE 3.8SC	1.98	LAA	9	0	77	60	70	0	67
17A	SURPASS 6.4	1.98	LAA	9	0	88	71	77	0	77
18A	»DEFINE 60DF	0.66	LAA	9	0	73	60	71	0	63
19A	»PROWL H20 3.8C	0.99	LAA	9	0	68	78	84	0	52
20A	ATRAZINE DF	2.00	LAA	9	0	40	97	98	0	43
		LSD (0.05)			0.00	10.76	11.56	11.00	0.00	12.72
		STANDARD DEVIATION			0.00	5.33	5.72	5.43	0.00	6.29

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 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 7.50 FT WIDE X 33.00 FT LONG REPS: 03

TRT	TREATMENT	DOSAGE	CHEAL	AMATA
NUM	COMPONENT	RATE	CON %	CON %
		UNIT	07/08/03	07/08/03
1A»	STALWART C 7.8	1.95	LAA 9 72	78
2A»	DUAL II MAGNUM	1.95	LAA 9 62	73
3A»	KIH-485 3.57L	0.22	LAA 9 75	87
4A»	OUTLOOK 6EC	0.98	LAA 9 72	81
5A	CHECK	0.00	NA 9 0	0
6A	HARNESS (7EC)	2.37	LAA 9 82	86
7A»	DEGREE 3.8SC	2.37	LAA 9 58	63
8A	SURPASS 6.4	2.37	LAA 9 78	84
9A»	DEFINE 60DF	0.79	LAA 9 47	55
10A»	PROWL H20 3.8C	1.19	LAA 9 84	88
11A»	STALWART C 7.8	1.59	LAA 9 57	62
12A»	DUAL II MAGNUM	1.59	LAA 9 50	58
13A»	KIH-485 3.57L	0.19	LAA 9 63	72
14A»	OUTLOOK 6EC	0.82	LAA 9 50	62
15A	HARNESS (7EC)	1.98	LAA 9 81	86
16A»	DEGREE 3.8SC	1.98	LAA 9 40	50
17A	SURPASS 6.4	1.98	LAA 9 53	62
18A»	DEFINE 60DF	0.66	LAA 9 40	55
19A»	PROWL H20 3.8C	0.99	LAA 9 70	72
20A	ATRAZINE DF	2.00	LAA 9 94	96
		LSD (0.05)	12.84	10.92
		STANDARD DEVIATION	6.35	5.40

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

09 = ----- / PREEMERGENCE 05/08/2003(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD	CON %	06/09/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/09/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/09/2003	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/09/2003	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	07/08/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	07/08/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	CHEAL	CON %	07/08/2003	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/08/2003	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 33Y09