

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.1
 %OM: 5.5
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMXSPR	
APPLICATION DATE	05/03/01	AME
AIR TEMPERATURE	85	F
% REL.HUMIDITY	27	
WIND DIRECTION	SOUTH	
WIND SPEED	10.0	M/H
CLOUD COVER	CLEAR	
DEW	DRY	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	FRIABLE	
METHOD	SPRAY	
EQUIPMENT	BACKPACKS	
PROPELLANT	COMPRSCO2	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	FT
SPRAY VOLUME	10.00	
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	
*** PEST ***		
VELVETLEAF	NA/01 0.00/0.00	IN
PIGWEEED, SMOOTH	---/01 0.00/0.00	IN
LAMBSQUARTERS, C	NA/01 0.00/0.00	IN
FOXTAIL, GIANT	NA/--- 0.00/0.00	IN
CORN, DENT PIONEER 34R07 04/24/2001	NA/01 0.00/0.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE

* STAGE CODE

--- = TO BE SELECTED

01 = BEGINNING OF IMBIBITION

DATA MEAN

TITLE: Adjuvant mixes for soil applied corn premix herbicides II AS-400
CREATED: 04/30/2001 **REVISED:** 10/11/2001 **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			ZEAMD	SETFA	CHEAL	ABUTH	AMACH	ZEAMD
		RATE	UNIT	TM	CON % 06/08/01	CON % 06/08/01	CON % 06/08/01	CON % 06/08/01	CON % 06/08/01	CON % 07/08/01
1A	HARNESS XTRA	2.80	LAA	9	0	97	99	58	99	0
2A	HARNESS XTRA	1.87	LAA	9	0	95	99	54	99	0
3A	HARNESS XTRA	0.93	LAA	9	0	75	83	27	99	0
4A	CHECK	0.00	NA	0	0	0	0	0	0	0
5A»	LAND OIL	2.50	PMV	9	0	92	98	65	99	0
B	HARNESS XTRA	2.80	LAA	9						
6A»	LAND OIL	2.50	PMV	9	0	95	96	20	99	0
B	HARNESS XTRA	1.87	LAA	9						
7A»	LAND OIL	2.50	PMV	9	0	73	78	27	96	0
B	HARNESS XTRA	0.93	LAA	9						
8A»	FFP OIL	2.50	PMV	9	0	97	99	67	99	0
B	HARNESS XTRA	2.80	LAA	9						
9A»	FFP OIL	2.50	PMV	9	0	93	99	73	99	0
B	HARNESS XTRA	1.87	LAA	9						
10A»	FFP OIL	2.50	PMV	9	0	65	75	27	99	0
B	HARNESS XTRA	0.93	LAA	9						
LSD (0.05)					0.00	10.41	10.60	22.11	2.82	0.00
STANDARD DEVIATION					0.00	5.00	5.00	10.52	1.34	0.00

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TRT	TREATMENT	DOSAGE	SETFA	CHEAL	ABUTH	AMACH	YIELD
NUM	COMPONENT	RATE	CON %	CON %	CON %	CON %	BU/A
		UNIT	07/08/01	07/08/01	07/08/01	07/08/01	10/01/01
1A	HARNESS XTRA	2.80 LAA	9 82	99	62	93	166.4
2A	HARNESS XTRA	1.87 LAA	9 82	99	65	93	154.6
3A	HARNESS XTRA	0.93 LAA	9 65	82	58	78	149.0
4A	CHECK	0.00 NA	0 0	0	0	0	82.6
5A»	LAND OIL	2.50 PMV	9 86	99	78	92	174.9
B	HARNESS XTRA	2.80 LAA	9				
6A»	LAND OIL	2.50 PMV	9 78	91	52	91	171.8
B	HARNESS XTRA	1.87 LAA	9				
7A»	LAND OIL	2.50 PMV	9 59	78	50	78	129.0
B	HARNESS XTRA	0.93 LAA	9				
8A»	FFP OIL	2.50 PMV	9 93	99	75	94	160.4
B	HARNESS XTRA	2.80 LAA	9				
9A»	FFP OIL	2.50 PMV	9 79	99	67	93	158.0
B	HARNESS XTRA	1.87 LAA	9				
10A»	FFP OIL	2.50 PMV	9 33	47	30	50	140.8
B	HARNESS XTRA	0.93 LAA	9				
		LSD (0.05)	14.56	20.00	13.42	18.35	29.90
		STANDARD DEVIATION	6.93	9.54	6.39	8.73	14.23

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/03/2001(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	ZEAMD	CON %	06/08/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	SETFA	CON %	06/08/2001	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	CHEAL	CON %	06/08/2001	02	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	ABUTH	CON %	06/08/2001	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	AMACH	CON %	06/08/2001	04	P	AMACH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	ZEAMD	CON %	07/08/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	SETFA	CON %	07/08/2001	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	CHEAL	CON %	07/08/2001	02	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	ABUTH	CON %	07/08/2001	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	AMACH	CON %	07/08/2001	04	P	AMACH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	YIELD	BU/A	10/01/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 34R07