

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	04	05	09	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	03/25/03	04/08/03	05/23/03	AME
AIR TEMPERATURE	54	42	60	F
% REL.HUMIDITY	42	65	30	
WIND DIRECTION	NORTH	NORTH	NORTH	
WIND SPEED	3.0	5.0	3.0	M/H
CLOUD COVER	CLOUDY	CLOUDY	CLEAR	
DEW	---	---	---	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	

* TIMING CODES

04 = ----- / EPP 30DBP
 05 = ----- / EPP 15DBP
 09 = ----- / PREEMERGENCE

TITLE: UCRNEPP Early Preplant Evaluation in Conv. and NoTill Corn AS-200
CREATED: 03/24/2003 **REVISED:** 12/08/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	ABUTH	PHBPU	ZEAMD	SETFA
		RATE	UNIT		CON % 05/16/03	CON % 05/16/03	CON % 05/16/03	CON % 05/16/03	CON % 05/28/03	CON % 05/28/03
1A	DUAL II MAGNUM	1.91	LAA	4	0	93	37	0	0	92
B	NO-TILL	0.00	NA	0						
C	WEATHERMAX 4.5	0.75	LAA	4						
2A	DUAL II MAGNUM	1.91	LAA	5	0	85	27	0	0	76
B	NO-TILL	0.00	NA	0						
C	WEATHERMAX 4.5	0.75	LAA	5						
3A	DUAL II MAGNUM	1.91	LAA	9	0	87	27	0	0	84
B	NO-TILL	0.00	NA	0						
C	WEATHERMAX 4.5	0.75	LAA	9						
4A	KIH-485 3.57L	0.22	LAA	4	0	89	53	37	0	86
B	NO-TILL	0.00	NA	0						
C	WEATHERMAX 4.5	0.75	LAA	4						
5A	KIH-485 3.57L	0.22	LAA	5	0	90	52	37	0	87
B	NO-TILL	0.00	NA	0						
C	WEATHERMAX 4.5	0.75	LAA	5						
6A	KIH-485 3.57L	0.22	LAA	9	0	93	77	62	0	88
B	NO-TILL	0.00	NA	0						
C	WEATHERMAX 4.5	0.75	LAA	9						
7A	DUAL II MAGNUM	1.91	LAA	4	0	98	17	0	0	98
8A	DUAL II MAGNUM	1.91	LAA	5	0	94	10	0	0	94
9A	DUAL II MAGNUM	1.91	LAA	9	0	96	13	0	0	96
10A	KIH-485 3.57L	0.22	LAA	4	0	98	75	62	0	98
11A	KIH-485 3.57L	0.22	LAA	5	0	96	84	72	0	95
12A	KIH-485 3.57L	0.22	LAA	9	0	98	85	77	0	98
13A	OUTLOOK 6EC	0.84	LAA	4	0	93	17	0	0	90
14A	OUTLOOK 6EC	0.84	LAA	5	0	98	45	7	0	98
15A	OUTLOOK 6EC	0.84	LAA	9	0	99	30	0	0	99
16A	TOPNOTCH (3.2C	2.40	LAA	4	0	93	17	0	0	90
17A	TOPNOTCH (3.2C	2.40	LAA	5	0	99	30	3	0	99
18A	TOPNOTCH (3.2C	2.40	LAA	9	0	99	30	17	0	99
19A	HARNESS (7EC)	2.40	LAA	4	0	98	43	30	0	96
20A	HARNESS (7EC)	2.40	LAA	5	0	99	43	30	0	98
21A	HARNESS (7EC)	2.40	LAA	9	0	99	47	27	0	99
22A	CHECK	0.00	NA	0	0	0	0	0	0	0
23A	DEFINE 60DF	0.79	LAA	4	0	98	33	23	0	93
24A	DEFINE 60DF	0.79	LAA	5	0	98	33	20	0	96
25A	DEFINE 60DF	0.79	LAA	9	0	98	47	27	0	96
26A	DEGREE 3.8SC	2.40	LAA	4	0	95	33	17	0	90
27A	DEGREE 3.8SC	2.40	LAA	5	0	99	27	17	0	98
28A	DEGREE 3.8SC	2.40	LAA	9	0	99	23	10	0	98

TITLE: UCRNEPP Early Preplant Evaluation in Conv. and NoTill Corn	AS-200						
LSD (0.05)	0.00	5.94	16.21	10.78	0.00	9.00	
STANDARD DEVIATION	0.00	3.00	8.10	5.39	0.00	4.51	

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PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH	PHBPU	ZEAMD	SETFA	ABUTH	PHBPU
		RATE	UNIT		CON % 05/28/03	CON % 05/28/03	CON % 06/26/03	CON % 06/26/03	CON % 06/26/03	CON % 06/26/03
1A»	DUAL II MAGNUM	1.91	LAA	4	7	0	0	80	0	0
B»	NO-TILL	0.00	NA	0						
C»	WEATHERMAX 4.5	0.75	LAA	4						
2A»	DUAL II MAGNUM	1.91	LAA	5	13	0	0	63	0	0
B»	NO-TILL	0.00	NA	0						
C»	WEATHERMAX 4.5	0.75	LAA	5						
3A»	DUAL II MAGNUM	1.91	LAA	9	13	0	0	73	0	0
B»	NO-TILL	0.00	NA	0						
C»	WEATHERMAX 4.5	0.75	LAA	9						
4A»	KIH-485 3.57L	0.22	LAA	4	43	27	0	75	13	10
B»	NO-TILL	0.00	NA	0						
C»	WEATHERMAX 4.5	0.75	LAA	4						
5A»	KIH-485 3.57L	0.22	LAA	5	42	30	0	76	10	0
B»	NO-TILL	0.00	NA	0						
C»	WEATHERMAX 4.5	0.75	LAA	5						
6A»	KIH-485 3.57L	0.22	LAA	9	68	53	0	79	52	40
B»	NO-TILL	0.00	NA	0						
C»	WEATHERMAX 4.5	0.75	LAA	9						
7A»	DUAL II MAGNUM	1.91	LAA	4	17	0	0	95	0	0
8A»	DUAL II MAGNUM	1.91	LAA	5	10	0	0	85	0	0
9A»	DUAL II MAGNUM	1.91	LAA	9	13	0	0	96	0	0
10A»	KIH-485 3.57L	0.22	LAA	4	72	58	0	91	43	33
11A»	KIH-485 3.57L	0.22	LAA	5	82	70	0	90	60	48
12A»	KIH-485 3.57L	0.22	LAA	9	83	72	0	94	53	43
13A»	OUTLOOK 6EC	0.84	LAA	4	13	0	0	84	0	0
14A»	OUTLOOK 6EC	0.84	LAA	5	25	3	0	87	0	0
15A»	OUTLOOK 6EC	0.84	LAA	9	17	0	0	97	0	0
16A	TOPNOTCH (3.2C	2.40	LAA	4	10	0	0	84	0	0
17A	TOPNOTCH (3.2C	2.40	LAA	5	27	3	0	91	0	0
18A	TOPNOTCH (3.2C	2.40	LAA	9	20	7	0	98	0	0
19A	HARNESS (7EC)	2.40	LAA	4	33	15	0	92	0	0
20A	HARNESS (7EC)	2.40	LAA	5	28	10	0	93	0	0
21A	HARNESS (7EC)	2.40	LAA	9	27	7	0	99	0	0
22A	CHECK	0.00	NA	0	0	0	0	0	0	0
23A»	DEFINE 60DF	0.79	LAA	4	20	3	0	78	0	0
24A»	DEFINE 60DF	0.79	LAA	5	20	0	0	90	0	0
25A»	DEFINE 60DF	0.79	LAA	9	28	10	0	89	0	0
26A»	DEGREE 3.8SC	2.40	LAA	4	13	0	0	82	0	0
27A»	DEGREE 3.8SC	2.40	LAA	5	17	3	0	95	0	0
28A»	DEGREE 3.8SC	2.40	LAA	9	10	3	0	95	0	0

TITLE: UCRNEPP Early Preplant Evaluation in Conv. and NoTill Corn	AS-200						
LSD (0.05)	16.16	10.75	0.00	14.15	18.09	12.70	
STANDARD DEVIATION	8.08	5.38	0.00	7.07	9.00	6.35	

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CREATED: 03/24/2003 **REVISED:** 12/08/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		YIELD BU/A 10/06/03
		RATE	UNIT TM	
1A	DUAL II MAGNUM	1.91	LAA 4	163.6
B	NO-TILL	0.00	NA 0	
C	WEATHERMAX 4.5	0.75	LAA 4	
2A	DUAL II MAGNUM	1.91	LAA 5	162.1
B	NO-TILL	0.00	NA 0	
C	WEATHERMAX 4.5	0.75	LAA 5	
3A	DUAL II MAGNUM	1.91	LAA 9	156.8
B	NO-TILL	0.00	NA 0	
C	WEATHERMAX 4.5	0.75	LAA 9	
4A	KIH-485 3.57L	0.22	LAA 4	167.2
B	NO-TILL	0.00	NA 0	
C	WEATHERMAX 4.5	0.75	LAA 4	
5A	KIH-485 3.57L	0.22	LAA 5	172.8
B	NO-TILL	0.00	NA 0	
C	WEATHERMAX 4.5	0.75	LAA 5	
6A	KIH-485 3.57L	0.22	LAA 9	167.5
B	NO-TILL	0.00	NA 0	
C	WEATHERMAX 4.5	0.75	LAA 9	
7A	DUAL II MAGNUM	1.91	LAA 4	166.5
8A	DUAL II MAGNUM	1.91	LAA 5	177.2
9A	DUAL II MAGNUM	1.91	LAA 9	156.2
10A	KIH-485 3.57L	0.22	LAA 4	172.8
11A	KIH-485 3.57L	0.22	LAA 5	155.6
12A	KIH-485 3.57L	0.22	LAA 9	180.4
13A	OUTLOOK 6EC	0.84	LAA 4	161.1
14A	OUTLOOK 6EC	0.84	LAA 5	158.0
15A	OUTLOOK 6EC	0.84	LAA 9	168.8
16A	TOPNOTCH (3.2C)	2.40	LAA 4	163.3
17A	TOPNOTCH (3.2C)	2.40	LAA 5	166.1
18A	TOPNOTCH (3.2C)	2.40	LAA 9	177.4
19A	HARNESS (7EC)	2.40	LAA 4	176.3
20A	HARNESS (7EC)	2.40	LAA 5	161.6
21A	HARNESS (7EC)	2.40	LAA 9	162.2
22A	CHECK	0.00	NA 0	156.7
23A	DEFINE 60DF	0.79	LAA 4	171.5
24A	DEFINE 60DF	0.79	LAA 5	164.5
25A	DEFINE 60DF	0.79	LAA 9	176.8
26A	DEGREE 3.8SC	2.40	LAA 4	160.3
27A	DEGREE 3.8SC	2.40	LAA 5	169.0
28A	DEGREE 3.8SC	2.40	LAA 9	165.3

TITLE: UCRNEPP Early Preplant Evaluation in Conv. and NoTill Corn AS-200
LSD (0.05) 24.28
STANDARD DEVIATION 12.14

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
04 = ----- / EPP 30DBP 03/25/2003 (1)
05 = ----- / EPP 15DBP 04/08/2003 (2)
09 = ----- / PREEMERGENCE 05/23/2003 (3)

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 %	05/16/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/16/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH	CON %	05/16/2003	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	PHBPU	CON %	05/16/2003	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	05/28/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	05/28/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ABUTH	CON %	05/28/2003	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	PHBPU	CON %	05/28/2003	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ZEAMD	CON %	06/26/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	06/26/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	06/26/2003	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/26/2003	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	YIELD	BU/A	10/06/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 33Y09