

SOIL INFORMATION**TRIAL INFORMATION**

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	05	09	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	04/05/01	04/24/01	AME
AIR TEMPERATURE	56	62	F
% REL.HUMIDITY	53	25	
WIND DIRECTION	SOUTHEAST	NORTHWEST	
WIND SPEED	7.0	10.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	---	---	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
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		
*** CROP ***			
CORN, DENT		---/01	
PIONEER 34R07		/	IN
04/24/2001			

* TIMING CODES

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

* STAGE CODE

01 = BEGINNING OF IMBIBITION

DATA MEAN

TITLE: GF-688 EARLY PREPLANT IN CONVENTIONAL TILLAGE CORN AS-200

CREATED: 04/05/2001 REVISED: 08/08/2001

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	TREATMENT	DOSAGE		ZEAMD	SETFA	ABUTH	CHEAL	POLPY	PHBPU	
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	
					05/23/01	05/23/01	05/23/01	05/23/01	05/23/01	
1A»	GF-688 3.5L	2.19	LAA	5	0	93	93	90	90	82
2A»	GF-688 3.5L	2.19	LAA	5	0	92	90	88	88	83
B	ATRAZINE DF	0.50	LAA	5						
3A»	GF-688 3.5L	2.19	LAA	5	0	92	93	90	90	85
B	ATRAZINE DF	1.00	LAA	5						
4A»	GF-688 3.5L	2.19	LAA	5	0	90	92	92	90	80
B»	HORNET 68.5WG	0.086	LAA	5						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A»	GF-688 3.5L	2.19	LAA	5	0	95	93	96	95	87
B»	HORNET 68.5WG	0.128	LAA	5						
7A»	FULTIME 4SC	3.50	LAA	5	0	90	75	95	93	82
B»	HORNET 68.5WG	0.171	LAA	5						
8A»	DUAL II MAGNUM	1.60	LAA	5	0	78	90	85	93	80
B»	CALLISTO 4SC	0.188	LAA	5						
9A»	GF-688 3.5L	2.19	LAA	9	0	90	90	93	93	83
10A»	GF-688 3.5L	2.19	LAA	9	0	92	91	92	95	87
B	ATRAZINE DF	0.50	LAA	9						
11A»	GF-688 3.5L	2.19	LAA	9	0	90	93	95	93	87
B	ATRAZINE DF	1.00	LAA	9						
12A»	GF-688 3.5L	2.19	LAA	9	0	95	87	92	90	83
B»	HORNET 68.5WG	0.086	LAA	9						
13A»	GF-688 3.5L	2.19	LAA	9	0	92	77	88	88	82
B»	HORNET 68.5WG	0.128	LAA	9						
14A»	FULTIME 4SC	3.25	LAA	9	0	93	73	92	93	83
15A»	FULTIME 4SC	3.25	LAA	9	0	95	78	92	96	85
B»	HORNET 68.5WG	0.128	LAA	9						
16A»	BICEP II MAGNU	2.89	LAA	9	0	88	80	92	96	82
B»	HORNET 68.5WG	0.128	LAA	9						
17A»	DEGREE XTRA 4S	3.20	LAA	9	0	95	73	95	96	82
B»	HORNET 68.5WG	0.128	LAA	9						
18A»	GUARDSMAN	2.80	LAA	9	0	92	75	95	96	83
B»	HORNET 68.5WG	0.128	LAA	9						
19A»	HARNESS EXTRA	3.50	LAA	9	0	97	73	93	96	87
B»	HORNET 68.5WG	0.128	LAA	9						
20A»	AXIOM AT 75WG	2.25	LAA	9	0	87	72	95	96	82
B»	HORNET 68.5WG	0.128	LAA	9						
21A»	BALANCE PRO 4S	0.094	LAA	9	0	87	82	88	93	80
B	ATRAZINE DF	1.25	LAA	9						
C»	DUAL II MAGNUM	0.72	LAA	9						
22A»	DUAL II MAGNUM	1.60	LAA	9	0	82	77	88	93	85
B»	CALLISTO 4SC	0.188	LAA	9						
LSD (0.05)					0.00	6.49	6.45	4.42	4.58	4.00
STANDARD DEVIATION					0.00	3.25	3.22	2.21	2.29	2.00

DATA MEAN

TITLE: GF-688 EARLY PREPLANT IN CONVENTIONAL TILLAGE CORN AS-200

CREATED: 04/05/2001 REVISED: 08/08/2001

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	TREATMENT	DOSAGE		ZEAMD	SETFA	ABUTH	CHEAL	POLPY	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					06/25/01	06/25/01	06/25/01	06/25/01	06/25/01
1A»	GF-688 3.5L	2.19	LAA	5	0	87	90	82	85
2A»	GF-688 3.5L	2.19	LAA	5	0	90	85	83	83
B	ATRAZINE DF	0.50	LAA	5					
3A»	GF-688 3.5L	2.19	LAA	5	0	90	92	85	82
B	ATRAZINE DF	1.00	LAA	5					
4A»	GF-688 3.5L	2.19	LAA	5	0	88	88	85	85
B»	HORNET 68.5WG	0.086	LAA	5					
5A	CHECK	0.00	NA	0	0	0	0	0	0
6A»	GF-688 3.5L	2.19	LAA	5	0	95	92	93	90
B»	HORNET 68.5WG	0.128	LAA	5					
7A»	FULTIME 4SC	3.50	LAA	5	0	90	75	88	85
B»	HORNET 68.5WG	0.171	LAA	5					
8A»	DUAL II MAGNUM	1.60	LAA	5	0	73	87	85	85
B»	CALLISTO 4SC	0.188	LAA	5					
9A»	GF-688 3.5L	2.19	LAA	9	0	85	87	90	88
10A»	GF-688 3.5L	2.19	LAA	9	0	90	91	92	90
B	ATRAZINE DF	0.50	LAA	9					
11A»	GF-688 3.5L	2.19	LAA	9	0	87	95	96	96
B	ATRAZINE DF	1.00	LAA	9					
12A»	GF-688 3.5L	2.19	LAA	9	0	90	83	78	85
B»	HORNET 68.5WG	0.086	LAA	9					
13A»	GF-688 3.5L	2.19	LAA	9	0	92	70	77	80
B»	HORNET 68.5WG	0.128	LAA	9					
14A»	FULTIME 4SC	3.25	LAA	9	0	92	73	87	88
15A»	FULTIME 4SC	3.25	LAA	9	0	95	67	88	92
B»	HORNET 68.5WG	0.128	LAA	9					
16A»	BICEP II MAGNU	2.89	LAA	9	0	87	65	85	90
B»	HORNET 68.5WG	0.128	LAA	9					
17A»	DEGREE XTRA 4S	3.20	LAA	9	0	90	75	90	91
B»	HORNET 68.5WG	0.128	LAA	9					
18A»	GUARDSMAN	2.80	LAA	9	0	88	65	92	93
B»	HORNET 68.5WG	0.128	LAA	9					
19A»	HARNESS EXTRA	3.50	LAA	9	0	95	67	87	93
B»	HORNET 68.5WG	0.128	LAA	9					
20A»	AXIOM AT 75WG	2.25	LAA	9	0	83	73	90	93
B»	HORNET 68.5WG	0.128	LAA	9					
21A»	BALANCE PRO 4S	0.094	LAA	9	0	90	83	87	90
B	ATRAZINE DF	1.25	LAA	9					
C»	DUAL II MAGNUM	0.72	LAA	9					
22A»	DUAL II MAGNUM	1.60	LAA	9	0	82	77	78	91
B»	CALLISTO 4SC	0.188	LAA	9					
LSD (0.05)					0.00	6.11	6.87	5.55	6.34
STANDARD DEVIATION					0.00	3.06	3.44	2.78	3.17
									6.18
									3.09

» = SUPPLEMENTAL CHEMICAL

DATA MEAN

* TIMING CODES

00 = ----- / UNTREATED TIMING

05 = ----- / EPP 15DBP 04/05/2001(1)

09 = ----- / PREEMERGENCE 04/24/2001(2)

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 %	05/23/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	05/23/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	ABUTH	CON %	05/23/2001	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	CHEAL	CON %	05/23/2001	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	POLPY	CON %	05/23/2001	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	PHBPU	CON %	05/23/2001	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	ZEAMD	CON %	06/25/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	SETFA	CON %	06/25/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	ABUTH	CON %	06/25/2001	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	CHEAL	CON %	06/25/2001	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	POLPY	CON %	06/25/2001	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	PHBPU	CON %	06/25/2001	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 34R07