

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: CL
 PH: 6.3
 %OM: 1.5
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 25 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	05	09	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	04/26/00	05/10/00	AME
AIR TEMPERATURE	70	72	F
% REL.HUMIDITY	40	46	
WIND DIRECTION	NORTHWEST	SOUTHEAST	
WIND SPEED	2.0	4.0	M/H
CLOUD COVER	CLEAR	OVERCAST	
DEW	NO	NO	
SOIL MOISTURE	MOIST/MOI	MOIST/MOI	
SOIL CONDITION	COMPACT	COMPACT	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	
NOZZLE SPACING	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** PEST ***			
LAMBSQUARTERS, C	LOW/15 2.00/2.00	LOW/18 3.50/3.50	IN
HORSEWEED	---/00 /	---/03 /	IN
CHICKWEED, COMMO	HGH/35 5.00/5.00	HGH/36 6.00/6.00	IN
DANDELION, COMMO	HGH/35 9.00/9.00	HGH/36 10.0/10.0	IN

* TIMING CODES

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

* STAGE CODE

00 = DRY SEED; DORMANCY
 03 = SEED IMBIBITION COMPLETE; BUD SWELL ENDING
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 35 = STEM/ROSETTE 50% FINAL SIZE; NODE 5 VISIBLE
 36 = STEM/ROSETTE 60% FINAL SIZE; NODE 6 VISIBLE

TITLE: PCATRALT Atrazine Alternatives in Notill Fld-2404
CREATED: 04/25/2000 **REVISED:** 12/01/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Perry/Orr **RESEARCHED BY:**
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 25.00 FT **LONG**

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD 06/02/00	TAROF 06/02/00	ERICA 06/02/00	STEME 06/02/00	CHEAL 06/02/00	ZEAMD 07/07/00
		RATE	UNIT							
1A»	DUAL II MAGNUM	1.27	LAA	5	0	0	0	0	0	0
2A»	DUAL II MAGNUM	1.27	LAA	5	0	0	99	99	99	0
	B ATRAZINE DF	2.00	LAA	5						
	C»COC	1.00	PMV	5						
	D 28% UAN	2.50	PMV	5						
3A»	DUAL II MAGNUM	1.27	LAA	5	0	33	99	99	99	0
	B»BALANCE 75WG	0.094	LAA	5						
	C»COC	1.00	PMV	5						
	D 28% UAN	2.50	PMV	5						
4A»	DUAL II MAGNUM	1.27	LAA	5	0	78	99	99	99	0
	B»ZA1296 4SC	0.18	LAA	5						
	C»COC	1.00	PMV	5						
	D 28% UAN	2.50	PMV	5						
5A»	DUAL II MAGNUM	1.27	LAA	5	0	8	99	99	99	0
	B»PYTHON 80WG	0.057	LAA	5						
	C»COC	1.00	PMV	5						
	D 28% UAN	2.50	PMV	5						
6A»	DUAL II MAGNUM	1.27	LAA	5	0	70	99	99	99	0
	B»HORNET 68.5WG	0.267	LAA	5						
	C»COC	1.00	PMV	5						
	D 28% UAN	2.50	PMV	5						
7A»	DUAL II MAGNUM	1.27	LAA	5	0	72	99	99	99	0
	B»BASIS	0.047	LAA	5						
	C»COC	1.00	PMV	5						
	D 28% UAN	2.50	PMV	5						
8A	ROUNDUP ULTRA	0.375	LAA	5	0	73	99	99	99	0
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C»DUAL II MAGNUM	1.27	LAA	5						
	D AM. SULFATE	8.50	PMG	5						
9A	ROUNDUP ULTRA	0.375	LAA	5	0	90	99	99	99	0
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C»DUAL II MAGNUM	1.27	LAA	5						
	D ATRAZINE DF	2.00	LAA	5						
	E AM. SULFATE	8.50	PMG	5						
10A	ROUNDUP ULTRA	0.375	LAA	5	0	98	99	99	99	0
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C»DUAL II MAGNUM	1.27	LAA	5						
	D»BALANCE 75WG	0.094	LAA	5						
	E AM. SULFATE	8.50	PMG	5						
11A	ROUNDUP ULTRA	0.375	LAA	5	0	96	99	99	99	0
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C»DUAL II MAGNUM	1.27	LAA	5						
	D»ZA1296 4SC	0.18	LAA	5						
	E AM. SULFATE	8.50	PMG	5						
12A	ROUNDUP ULTRA	0.375	LAA	5	0	87	99	99	99	0
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C»DUAL II MAGNUM	1.27	LAA	5						
	D»PYTHON 80WG	0.057	LAA	5						
	E AM. SULFATE	8.50	PMG	5						
13A	ROUNDUP ULTRA	0.375	LAA	5	0	95	99	99	99	0
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C»DUAL II MAGNUM	1.27	LAA	5						
	D»HORNET 68.5WG	0.267	LAA	5						
	E AM. SULFATE	8.50	PMG	5						

TITLE: PCATRALT Atrazine Alternatives in Notill Fld-2404

TRT	TREATMENT	DOSAGE		ZEAMD	TAROF	ERICA	STEME	CHEAL	ZEAMD
NUM	COMPONENT	RATE	UNIT	TM	06/02/00	06/02/00	06/02/00	06/02/00	07/07/00
14A	ROUNDUP ULTRA	0.375	LAA	5	0	93	99	99	0
	B (G)2,4-D-ESTER	0.50	LAA	5					
	C»DUAL II MAGNUM	1.27	LAA	5					
	D»BASIS	0.047	LAA	5					
	E AM. SULFATE	8.50	PMG	5					
15A	ROUNDUP ULTRA	0.375	LAA	9	0	70	99	99	0
	B (G)2,4-D-ESTER	0.50	LAA	9					
	C»DUAL II MAGNUM	1.27	LAA	9					
	D AM. SULFATE	8.50	PMG	9					
16A	ROUNDUP ULTRA	0.375	LAA	9	0	67	99	99	0
	B (G)2,4-D-ESTER	0.50	LAA	9					
	C»DUAL II MAGNUM	1.27	LAA	9					
	D ATRAZINE DF	2.00	LAA	9					
	E AM. SULFATE	8.50	PMG	9					
17A	ROUNDUP ULTRA	0.375	LAA	9	0	93	99	99	0
	B (G)2,4-D-ESTER	0.50	LAA	9					
	C»DUAL II MAGNUM	1.27	LAA	9					
	D»BALANCE 75WG	0.094	LAA	9					
	E AM. SULFATE	8.50	PMG	9					
18A	ROUNDUP ULTRA	0.375	LAA	9	0	95	99	99	0
	B (G)2,4-D-ESTER	0.50	LAA	9					
	C»DUAL II MAGNUM	1.27	LAA	9					
	D»ZA1296 4SC	0.18	LAA	9					
	E AM. SULFATE	8.50	PMG	9					
19A	ROUNDUP ULTRA	0.375	LAA	9	0	62	99	99	0
	B (G)2,4-D-ESTER	0.50	LAA	9					
	C»DUAL II MAGNUM	1.27	LAA	9					
	D»PYTHON 80WG	0.057	LAA	9					
	E AM. SULFATE	8.50	PMG	9					
20A	ROUNDUP ULTRA	0.375	LAA	9	0	77	99	99	0
	B (G)2,4-D-ESTER	0.50	LAA	9					
	C»DUAL II MAGNUM	1.27	LAA	9					
	D»HORNET 68.5WG	0.267	LAA	9					
	E AM. SULFATE	8.50	PMG	9					
21A	ROUNDUP ULTRA	0.375	LAA	9	0	73	99	99	0
	B (G)2,4-D-ESTER	0.50	LAA	9					
	C»DUAL II MAGNUM	1.27	LAA	9					
	D»BASIS	0.047	LAA	9					
	E AM. SULFATE	8.50	PMG	9					
22A	CHECK	0.00	NA	0	0	0	0	0	0
23A»	HAND WEEDED	0.00	NA	0	0	90	99	99	0
	B ROUNDUP ULTRA	0.375	LAA	5					
	C (G)2,4-D-ESTER	0.50	LAA	5					
	D»BICEP II MAGNU	2.89	LAA	5					
	E AM. SULFATE	8.50	PMG	5					
24A»	HAND WEEDED	0.00	NA	0	0	65	99	99	0
	B ROUNDUP ULTRA	0.375	LAA	9					
	C (G)2,4-D-ESTER	0.50	LAA	9					
	D»BICEP II MAGNU	2.89	LAA	9					
	E AM. SULFATE	8.50	PMG	9					
LSD (0.05)					0.00	11.67	0.00	0.00	0.00
STANDARD DEVIATION					0.00	5.84	0.00	0.00	0.00

TITLE: PCATRALT Atrazine Alternatives in Notill Fld-2404
CREATED: 04/25/2000 **REVISED:** 12/01/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Perry/Orr **RESEARCHED BY:**
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 25.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	TAROF 07/07/00	ERICA 07/07/00	CHEAL 07/07/00
		RATE	UNIT				
1A»	DUAL II MAGNUM	1.27	LAA	5	0	0	8
2A»	DUAL II MAGNUM	1.27	LAA	5	50	99	99
	B ATRAZINE DF	2.00	LAA	5			
	C»COC	1.00	PMV	5			
	D 28% UAN	2.50	PMV	5			
3A»	DUAL II MAGNUM	1.27	LAA	5	65	99	99
	B»BALANCE 75WG	0.094	LAA	5			
	C»COC	1.00	PMV	5			
	D 28% UAN	2.50	PMV	5			
4A»	DUAL II MAGNUM	1.27	LAA	5	62	99	99
	B»ZA1296 4SC	0.18	LAA	5			
	C»COC	1.00	PMV	5			
	D 28% UAN	2.50	PMV	5			
5A»	DUAL II MAGNUM	1.27	LAA	5	63	99	99
	B»PYTHON 80WG	0.057	LAA	5			
	C»COC	1.00	PMV	5			
	D 28% UAN	2.50	PMV	5			
6A»	DUAL II MAGNUM	1.27	LAA	5	79	99	99
	B»HORNET 68.5WG	0.267	LAA	5			
	C»COC	1.00	PMV	5			
	D 28% UAN	2.50	PMV	5			
7A»	DUAL II MAGNUM	1.27	LAA	5	47	98	99
	B»BASIS	0.047	LAA	5			
	C»COC	1.00	PMV	5			
	D 28% UAN	2.50	PMV	5			
8A	ROUNDUP ULTRA	0.375	LAA	5	72	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5			
	C»DUAL II MAGNUM	1.27	LAA	5			
	D AM. SULFATE	8.50	PMG	5			
9A	ROUNDUP ULTRA	0.375	LAA	5	94	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5			
	C»DUAL II MAGNUM	1.27	LAA	5			
	D ATRAZINE DF	2.00	LAA	5			
	E AM. SULFATE	8.50	PMG	5			
10A	ROUNDUP ULTRA	0.375	LAA	5	94	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5			
	C»DUAL II MAGNUM	1.27	LAA	5			
	D»BALANCE 75WG	0.094	LAA	5			
	E AM. SULFATE	8.50	PMG	5			
11A	ROUNDUP ULTRA	0.375	LAA	5	91	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5			
	C»DUAL II MAGNUM	1.27	LAA	5			
	D»ZA1296 4SC	0.18	LAA	5			
	E AM. SULFATE	8.50	PMG	5			
12A	ROUNDUP ULTRA	0.375	LAA	5	75	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5			
	C»DUAL II MAGNUM	1.27	LAA	5			
	D»PYTHON 80WG	0.057	LAA	5			
	E AM. SULFATE	8.50	PMG	5			
13A	ROUNDUP ULTRA	0.375	LAA	5	98	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5			
	C»DUAL II MAGNUM	1.27	LAA	5			
	D»HORNET 68.5WG	0.267	LAA	5			
	E AM. SULFATE	8.50	PMG	5			

TITLE: PCATRALT Atrazine Alternatives in Notill Fld-2404

TRT	TREATMENT	DOSAGE	TAROF	ERICA	CHEAL
NUM	COMPONENT	RATE UNIT TM	07/07/00	07/07/00	07/07/00
14A	ROUNDUP ULTRA	0.375 LAA 5	73	99	99
	B (G)2,4-D-ESTER	0.50 LAA 5			
	C»DUAL II MAGNUM	1.27 LAA 5			
	D»BASIS	0.047 LAA 5			
	E AM. SULFATE	8.50 PMG 5			
15A	ROUNDUP ULTRA	0.375 LAA 9	89	99	99
	B (G)2,4-D-ESTER	0.50 LAA 9			
	C»DUAL II MAGNUM	1.27 LAA 9			
	D AM. SULFATE	8.50 PMG 9			
16A	ROUNDUP ULTRA	0.375 LAA 9	68	99	99
	B (G)2,4-D-ESTER	0.50 LAA 9			
	C»DUAL II MAGNUM	1.27 LAA 9			
	D ATRAZINE DF	2.00 LAA 9			
	E AM. SULFATE	8.50 PMG 9			
17A	ROUNDUP ULTRA	0.375 LAA 9	97	99	99
	B (G)2,4-D-ESTER	0.50 LAA 9			
	C»DUAL II MAGNUM	1.27 LAA 9			
	D»BALANCE 75WG	0.094 LAA 9			
	E AM. SULFATE	8.50 PMG 9			
18A	ROUNDUP ULTRA	0.375 LAA 9	83	99	99
	B (G)2,4-D-ESTER	0.50 LAA 9			
	C»DUAL II MAGNUM	1.27 LAA 9			
	D»ZA1296 4SC	0.18 LAA 9			
	E AM. SULFATE	8.50 PMG 9			
19A	ROUNDUP ULTRA	0.375 LAA 9	86	99	99
	B (G)2,4-D-ESTER	0.50 LAA 9			
	C»DUAL II MAGNUM	1.27 LAA 9			
	D»PYTHON 80WG	0.057 LAA 9			
	E AM. SULFATE	8.50 PMG 9			
20A	ROUNDUP ULTRA	0.375 LAA 9	98	99	98
	B (G)2,4-D-ESTER	0.50 LAA 9			
	C»DUAL II MAGNUM	1.27 LAA 9			
	D»HORNET 68.5WG	0.267 LAA 9			
	E AM. SULFATE	8.50 PMG 9			
21A	ROUNDUP ULTRA	0.375 LAA 9	95	99	99
	B (G)2,4-D-ESTER	0.50 LAA 9			
	C»DUAL II MAGNUM	1.27 LAA 9			
	D»BASIS	0.047 LAA 9			
	E AM. SULFATE	8.50 PMG 9			
22A	CHECK	0.00 NA 0	0	0	0
23A»	HAND WEEDED	0.00 NA 0	99	99	99
	B ROUNDUP ULTRA	0.375 LAA 5			
	C (G)2,4-D-ESTER	0.50 LAA 5			
	D»BICEP II MAGNU	2.89 LAA 5			
	E AM. SULFATE	8.50 PMG 5			
24A»	HAND WEEDED	0.00 NA 0	99	99	99
	B ROUNDUP ULTRA	0.375 LAA 9			
	C (G)2,4-D-ESTER	0.50 LAA 9			
	D»BICEP II MAGNU	2.89 LAA 9			
	E AM. SULFATE	8.50 PMG 9			
LSD (0.05)			15.84	0.77	4.86
STANDARD DEVIATION			7.92	0.385	2.43

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

05 = ----- / EPP 15DBP 04/26/2000(1)

09 = ----- / PREEMERGENCE 05/10/2000(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD		06/02/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: PCATRALT Atrazine Alternatives in Notill Fld-2404

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
002	TAROF		06/02/2000	02	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ERICA		06/02/2000	05	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	STEME		06/02/2000	03	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL		06/02/2000	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD		07/07/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	TAROF		07/07/2000	02	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ERICA		07/07/2000	05	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL		07/07/2000	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 738RR