

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE:
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMXSPR	
APPLICATION DATE	06/22/99	AME
AIR TEMPERATURE	80	F
% REL.HUMIDITY	70	
WIND DIRECTION	---	
WIND SPEED	0.0	M/H
CLOUD COVER	CLEAR	
DEW	MOIST	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMPRSCO2	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	FT
SPRAY VOLUME	15.00	
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 ***		
SOYBEAN	---/13	
PIONEER 9363RR	6.00/6.00	IN
05/26/1999		
*** PEST ***		
VELVETLEAF	---/14	
	3.00/5.00	IN
PIGWEEED, SMOOTH	---/18	
	3.00/5.00	IN
MORNINGGLORY, TA	---/14	
	1.00/2.00	IN
FOXTAIL, GIANT	---/14	
	4.00/6.00	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
 14 = 4 LEAVES UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: SPURADJ THE PURSUIT ADJUVANT STUDY AS-100
 CREATED: 06/08/1999 REVISED: 07/22/1999 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		TM	GLXMA	SETFA	ABUTH	AMACH	PHBPU	GLXMA
		RATE	UNIT		CON % 06/30/99	CON % 06/30/99	CON % 06/30/99	CON % 06/30/99	CON % 06/30/99	CON % 07/12/99
1A	PURSUIT DG (70)	0.047	LAA 12		0	43	30	43	20	0
2A	PURSUIT DG (70)	0.047	LAA 12		0	77	67	76	75	0
	B»ACTIVATOR 90	0.25	PMV 12							
	C 28% UAN	1.67	PMV 12							
3A	PURSUIT DG (70)	0.047	LAA 12		2	85	75	83	83	0
	B»SUNIT II	1.25	PMV 12							
	C 28% UAN	1.67	PMV 12							
4A	PURSUIT DG (70)	0.047	LAA 12		0	84	70	84	81	0
	B»AGRISTAY 87	0.83	PMV 12							
	C 28% UAN	1.67	PMV 12							
5A	PURSUIT DG (70)	0.047	LAA 12		0	84	74	81	84	0
	B»AGRISTAY 87	1.25	PMV 12							
	C 28% UAN	1.67	PMV 12							
6A	CHECK	0.00	NA 0		0	0	0	0	0	0
7A	PURSUIT DG (70)	0.047	LAA 12		7	87	83	90	86	0
	B»MSO	1.25	PMV 12							
	C AM. SULFATE	13.33	PMG 12							
8A	PURSUIT DG (70)	0.047	LAA 12		2	88	83	92	88	0
	B»METH OIL	1.25	PMV 12							
	C 28% UAN	1.67	PMV 12							
9A	PURSUIT DG (70)	0.047	LAA 12		3	91	85	93	87	3
	B»EFFECTIVE	1.67	PMV 12							
	C 28% UAN	1.67	PMV 12							
10A	PURSUIT DG (70)	0.047	LAA 12		2	89	83	92	88	0
	B»VORTEX	1.67	PMV 12							
	C 28% UAN	1.67	PMV 12							
		LSD (0.05)			2.81	5.37	7.79	8.62	6.00	1.57
		STANDARD DEVIATION			1.34	2.55	3.71	4.10	2.85	0.745

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TRT	TREATMENT	DOSAGE	SETFA	ABUTH	AMACH	PHBPU
NUM	COMPONENT	RATE	CON %	CON %	CON %	CON %
		UNIT	07/12/99	07/12/99	07/12/99	07/12/99
1A	PURSUIT DG (70	0.047	LAA 12	43	30	53
2A	PURSUIT DG (70	0.047	LAA 12	84	80	95
	B»ACTIVATOR 90	0.25	PMV 12			83
	C 28% UAN	1.67	PMV 12			
3A	PURSUIT DG (70	0.047	LAA 12	90	88	99
	B»SUNIT II	1.25	PMV 12			92
	C 28% UAN	1.67	PMV 12			
4A	PURSUIT DG (70	0.047	LAA 12	88	87	99
	B»AGRISTAY 87	0.83	PMV 12			88
	C 28% UAN	1.67	PMV 12			
5A	PURSUIT DG (70	0.047	LAA 12	88	87	99
	B»AGRISTAY 87	1.25	PMV 12			89
	C 28% UAN	1.67	PMV 12			
6A	CHECK	0.00	NA 0	0	0	0
7A	PURSUIT DG (70	0.047	LAA 12	89	89	99
	B»MSO	1.25	PMV 12			91
	C AM. SULFATE	13.33	PMG 12			
8A	PURSUIT DG (70	0.047	LAA 12	91	89	99
	B»METH OIL	1.25	PMV 12			92
	C 28% UAN	1.67	PMV 12			
9A	PURSUIT DG (70	0.047	LAA 12	93	90	99
	B»EFFECTIVE	1.67	PMV 12			92
	C 28% UAN	1.67	PMV 12			
10A	PURSUIT DG (70	0.047	LAA 12	90	88	99
	B»VORTEX	1.67	PMV 12			89
	C 28% UAN	1.67	PMV 12			
	LSD (0.05)		4.40	5.75	6.49	4.64
	STANDARD DEVIATION		2.09	2.74	3.09	2.21

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 12 = ----- / POST 06/22/1999(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	06/30/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/30/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH	CON %	06/30/1999	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMACH	CON %	06/30/1999	04	P	AMACH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/30/1999	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	07/12/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/12/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ABUTH	CON %	07/12/1999	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMACH	CON %	07/12/1999	04	P	AMACH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	07/12/1999	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 9363RR