

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 5.8
%OM: 3.2
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET
PLOT AREA: 225 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	06	
TYPE	LIQUID MI	
APPLICATION DATE	05/08/17	AME
TIME - BEGIN	09:25	24H
TIME - END	09:45	24H
AIR TEMPERATURE	52	F
% REL.HUMIDITY	52	
WIND DIRECTION	EAST	
WIND SPEED	6.0	M/H
CLOUD COVER	CLOUDY~~6	
DEW	NO	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	TO BE SEL	
SOIL TEMP/DEPTH	51/4.00	F/IN
METHOD	SPRAY	
EQUIPMENT	BACKPACK/	
PROPELLANT	COMPRESSE	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE DESCRIPTION		
NOZZLE VOLUME	0.00	GPM
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
BOOM HEIGHT	20.0	IN
SPEED	3.00	M/H
MIX SIZE	0.330	
MIX SIZE UNIT	GAL	
SPRAY VOLUME	20.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	TO BE SEL	
FOLIAGE HEIGHT		FT
FOLIAGE WIDTH		FT
ROW WIDTH		FT
SPRAY VOL LWA/TRV		
S VOL LWA/TRV UNIT		
LEAF WALL AREA		M2H
TREE ROW VOLUME		M3H
SPECIE AND STAGE	DEN / STG MIN / MAX	
PEST *		
P, HORSEWEED / MARE	---/19 4.00/4.00	IN

* TIMING CODES

06 = --- / EPP 7 DBP

* STAGE CODE

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TRIAL # US 293/17/01 003 01 : USYNGNT* C-200
DATA MEAN

TITLE: Syngenta Treatments for Spring Burndown weed control in Soybean. C-200
 CREATED: 05/02/2017 REVISED: 02/13/2018 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
 PLOT AREA: 225.00 SFT

REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	ERICA CON % 06/05/17	TAROF CON % 06/05/17	GLXMA CON % 06/12/17	GLXMA CON % 06/19/17	ERICA CON % 07/07/17
1A CHECK	0.00	NA	0	0	0	0	0	0
2A BOUNDARY 6.5EC	1.63	LAA	6	88	68	0	3	43
B>>GRAMOXONE SL 2	0.75	LAA	6					
C>>ACTIVATOR 90	0.25	PMV	6					
3A BOUNDARY 6.5EC	1.63	LAA	6	52	75	0	0	0
B>>RNDUP POWERMAX	1.125	LAA	6					
C>>LIQUID AMS	2.50	PMV	6					
4A>>BROADAXE XC 7L	1.37	LAA	6	88	73	0	0	73
B>>METRIBUZIN 75D	0.28	LAA	6					
C>>GRAMOXONE SL 2	0.75	LAA	6					
D>>ACTIVATOR 90	0.25	PMV	6					
5A>>BROADAXE XC 7L	1.37	LAA	6	43	60	0	7	0
B>>METRIBUZIN 75D	0.28	LAA	6					
C>>RNDUP POWERMAX	1.125	LAA	6					
D>>LIQUID AMS	2.50	PMV	6					
6A DUAL MAGNUM	1.27	LAA	6	57	68	0	0	3
B>>GRAMOXONE SL 2	0.75	LAA	6					
C>>ACTIVATOR 90	0.25	PMV	6					
7A>>SONIC 70DF	0.175	LAA	6	94	88	0	0	79
B>>GRAMOXONE SL 2	0.75	LAA	6					
C>>ACTIVATOR 90	0.25	PMV	6					
8A>>SONIC 70DF	0.175	LAA	6	82	85	0	0	37
B>>RNDUP POWERMAX	1.125	LAA	6					
C>>LIQUID AMS	2.50	PMV	6					
9A>>OPTILL 68WG	0.085	LAA	6	91	86	0	0	62
B>>2,4-D LVE	0.50	LAA	6					
C>>RNDUP POWERMAX	1.125	LAA	6					
D>>LIQUID AMS	2.50	PMV	6					
10A CHECK	0.00	NA	0	0	0	0	0	0
	LSD (0.05)			21.2	19.8	0.0	6.7	25.4
	STANDARD DEVIATION			10.1	9.4	0.0	3.2	12.1

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
 06 = --- / EPP 7 DBP 05/08/2017(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ERICA	CON %	05/15/2017	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	TAROF	CON %	05/15/2017	03	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ERICA	CON %	05/22/2017	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	TAROF	CON %	05/22/2017	03	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ERICA	CON %	05/30/2017	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	TAROF	CON %	05/30/2017	03	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ERICA	CON %	06/05/2017	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	TAROF	CON %	06/05/2017	03	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	GLXMA	CON %	06/12/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	GLXMA	CON %	06/19/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ERICA	CON %	07/07/2017	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)

01 = S35-K9X