APPLICATIONS

SOIL INFORMATION

TEXTURE: SIX
PH: 6.6
%OM: 3.5
PREV.CROP: ZEAMD - Dent corn
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET
PLOT AREA: 225 FEET

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	06/01/20	07/02/20	AME
TIME - BEGIN	17:15	10:35	24H
TIME - END	17:25	11:00	24H
AIR TEMPERATURE	79	84	F
% REL.HUMIDITY	35	65	
WIND DIRECTION	SOUTH	EAST	
WIND SPEED	5.0	3.0	M/H
CLOUD COVER	PAR.CLOUD	PAR.CLOUD	
DEW	TO BE SEL	NO	
SOIL MOISTURE	DRY/ DRY	DRY/ DRY	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	78/4.00	82/4.00	F/IN
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION			
NOZZLE VOLUME	0.00	0.00	GPM
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SCREEN SIZE			
SCREEN SZ DESC	N/A	N/A	
SWATH WIDTH	7.5	7.5	FT
BOOM HEIGHT	20.0	20.0	IN
SPEED	3.00	3.00	M/H
MIX SIZE	0.330	0.330	
MIX SIZE UNIT	GAL	GAL	
SPRAY VOLUME	20.00	20.00	
SPRAY 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	TO BE SEL	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	DEN / STG MIN / MAX	
CROP *			
P, Soybean		---/14	
NK S33-D7X		4.00/5.00	IN
(PLANTED) 06/01/2020		31 DAP	
PEST *			
P, Waterhemp, commo		---/19 2.00/12.0	IN
P, Tall morning glo		---/12 1.00/5.00	IN
P, Giant foxtail		---/16 1.50/10.0	IN

*** TIMING CODES**
09 = --- / PREEMERGENCE
11 = --- / EPOST

*** STAGE CODE**
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = TRIFOLIOLATE LEAF ON THE 4TH NODE UNFOLDED
16 = 6 LEAVES UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Bayer Warrant/Xtend Soybean Systems vs Competitors. AS-300
CREATED: 04/28/2020 **REVISED:** 10/02/2020 **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 NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 07/06/20	GLXMA CON % 07/09/20	GLXMA CON % 07/16/20	GLXMA CON % 07/24/20	AMATA CON % 07/24/20	SETFA CON % 07/24/20
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»WARRANT 3L	1.50	QMA	9	8	7	3	0	96	98
B	»XTENDIMAX 2.9	22.00	ZMA	9						
C	»TAVIUM 3.39AE	56.50	ZMA	11						
D	»RNDUP POWERMAX	32.00	ZMA	11						
E	»INTACT	0.50	PMV	11						
3A	»WARRANT 3L	1.50	QMA	9	8	8	5	0	98	98
B	»XTENDIMAX 2.9	22.00	ZMA	9						
C	»DUAL MAGNUM 7.	1.00	PMA	11						
D	»XTENDIMAX 2.9	22.00	ZMA	11						
E	»RNDUP POWERMAX	32.00	ZMA	11						
F	»INTACT	0.50	PMV	11						
4A	»WARRANT 3L	1.50	QMA	9	3	3	2	0	94	98
B	»XTENDIMAX 2.9	22.00	ZMA	9						
C	»WARRANT 3L	1.50	QMA	11						
D	»XTENDIMAX 2.9	22.00	ZMA	11						
E	»RNDUP POWERMAX	32.00	ZMA	11						
F	»INTACT	0.50	PMV	11						
5A	»WARRANT 3L	1.50	QMA	9	6	6	2	0	93	98
B	»XTENDIMAX 2.9	22.00	ZMA	9						
C	»OUTLOOK 6EC	14.00	ZMA	11						
D	»ENGENIA 5L	12.80	ZMA	11						
E	»RNDUP POWERMAX	32.00	ZMA	11						
F	»INTACT	0.50	PMV	11						
6A	»WARRANT 3L	1.50	QMA	9	3	5	2	0	99	99
B	»XTENDIMAX 2.9	22.00	ZMA	9						
C	»ZIDUA 85WG	2.00	OMA	11						
D	»ENGENIA 5L	12.80	ZMA	11						
E	»RNDUP POWERMAX	32.00	ZMA	11						
7A	»WARRANT 3L	1.50	QMA	9	15	15	9	3	99	98
B	»XTENDIMAX 2.9	22.00	ZMA	9						
C	»WARRANT ULTRA	50.00	ZMA	11						
D	»XTENDIMAX 2.9	22.00	ZMA	11						
E	»RNDUP POWERMAX	32.00	ZMA	11						
F	»INTACT	0.50	PMV	11						
8A	»WARRANT 3L	1.50	QMA	9	9	10	5	1	96	99
B	»XTENDIMAX 2.9	22.00	ZMA	9						
C	»WARRANT ULTRA	50.00	ZMA	11						
D	»RNDUP POWERMAX	32.00	ZMA	11						
9A	»WARRANT 3L	1.50	QMA	9	32	33	16	6	98	99
B	»XTENDIMAX 2.9	22.00	ZMA	9						
C	»PREFIX 5.29EC	32.00	ZMA	11						
D	»RNDUP POWERMAX	32.00	ZMA	11						
10A	»WARRANT 3L	1.50	QMA	9	32	33	18	6	96	99
B	»XTENDIMAX 2.9	22.00	ZMA	9						
C	COBRA 2EC	12.50	ZMA	11						
D	»RNDUP POWERMAX	32.00	ZMA	11						
	LSD (0.05)				4.8	4.4	3.0	1.5	6.6	1.1
	STANDARD DEVIATION				2.3	2.1	1.4	0.7	3.1	0.5

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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 NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	PHBPU CON % 07/24/20
1A	CHECK	0.00	NA	0	0
2A	»WARRANT 3L	1.50	QMA	9	98
B	»XTENDIMAX 2.9	22.00	ZMA	9	
C	»TAVIUM 3.39AE	56.50	ZMA	11	
D	»RNDUP POWERMAX	32.00	ZMA	11	
E	»INTACT	0.50	PMV	11	
3A	»WARRANT 3L	1.50	QMA	9	99
B	»XTENDIMAX 2.9	22.00	ZMA	9	
C	»DUAL MAGNUM 7.	1.00	PMA	11	
D	»XTENDIMAX 2.9	22.00	ZMA	11	
E	»RNDUP POWERMAX	32.00	ZMA	11	
F	»INTACT	0.50	PMV	11	
4A	»WARRANT 3L	1.50	QMA	9	98
B	»XTENDIMAX 2.9	22.00	ZMA	9	
C	»WARRANT 3L	1.50	QMA	11	
D	»XTENDIMAX 2.9	22.00	ZMA	11	
E	»RNDUP POWERMAX	32.00	ZMA	11	
F	»INTACT	0.50	PMV	11	
5A	»WARRANT 3L	1.50	QMA	9	98
B	»XTENDIMAX 2.9	22.00	ZMA	9	
C	»OUTLOOK 6EC	14.00	ZMA	11	
D	»ENGENIA 5L	12.80	ZMA	11	
E	»RNDUP POWERMAX	32.00	ZMA	11	
F	»INTACT	0.50	PMV	11	
6A	»WARRANT 3L	1.50	QMA	9	99
B	»XTENDIMAX 2.9	22.00	ZMA	9	
C	»ZIDUA 85WG	2.00	OMA	11	
D	»ENGENIA 5L	12.80	ZMA	11	
E	»RNDUP POWERMAX	32.00	ZMA	11	
7A	»WARRANT 3L	1.50	QMA	9	99
B	»XTENDIMAX 2.9	22.00	ZMA	9	
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E	»RNDUP POWERMAX	32.00	ZMA	11	
F	»INTACT	0.50	PMV	11	
8A	»WARRANT 3L	1.50	QMA	9	98
B	»XTENDIMAX 2.9	22.00	ZMA	9	
C	»WARRANT ULTRA	50.00	ZMA	11	
D	»RNDUP POWERMAX	32.00	ZMA	11	
9A	»WARRANT 3L	1.50	QMA	9	99
B	»XTENDIMAX 2.9	22.00	ZMA	9	
C	»PREFIX 5.29EC	32.00	ZMA	11	
D	»RNDUP POWERMAX	32.00	ZMA	11	
10A	»WARRANT 3L	1.50	QMA	9	99
B	»XTENDIMAX 2.9	22.00	ZMA	9	
C	COBRA 2EC	12.50	ZMA	11	
D	»RNDUP POWERMAX	32.00	ZMA	11	
	LSD (0.05)				1.0
	STANDARD DEVIATION				0.5

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**
00 = --- / UNTREATED TIMING
09 = --- / PREEMERGENCE 06/01/2020(1)
11 = --- / EPOST 07/02/2020(2)

DATA MEAN

TITLE: Bayer Warrant/Xtend Soybean Systems vs Competitors. AS-300

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 %	07/06/2020	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	CON %	07/09/2020	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	07/16/2020	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	GLXMA	CON %	07/24/2020	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMATA	CON %	07/24/2020	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	07/24/2020	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	07/24/2020	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

*** SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)**
01 = NK S33-D7X