

**SOIL INFORMATION**

**TRIAL INFORMATION**

TEXTURE: SIL  
 PH: 6.2  
 %OM: 3.5  
 PREV.CROP: ZEAMD - CORN, DENT  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 35 FEET  
 PLOT AREA: 262.5 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	06/02/17	07/06/17	AME
TIME - BEGIN	08:35	17:15	24H
TIME - END	08:45	17:25	24H
AIR TEMPERATURE	74	90	F
% REL.HUMIDITY	34	50	
WIND DIRECTION	SOUTH	WEST	
WIND SPEED	2.0	4.0	M/H
CLOUD COVER	CLEAR-0%	PAR.CLOUD	
DEW	TO BE SEL	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	66/4.00	98/4.00	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	NA	NA	
SWATH WIDTH	7.5	7.5	FT
BOOM HEIGHT	20.0	20.0	IN
SPEED	3.00	3.00	M/H
MIX SIZE	0.290	0.290	
MIX SIZE UNIT	GAL	GAL	
SPRAY VOLUME	15.00	15.00	
SPRAY 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	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		---/17	
P36T36X RR2XTEND		4.00/11.0	IN
(PLANTED) 06/01/2017		35 DAP	
PEST *			
P, RAGWEED, COMMON		---/14	
		2.00/2.00	IN
P, MORNINGGLORY, TA		---/18	
		1.00/6.00	IN
P, FOXTAIL, GIANT		---/19	
		2.00/8.00	IN

\*\*\* CONTINUE

TRIAL # US 207/17/01 003 01 : USDUPTILL\* C-500  
APPLICATIONS

SPECIE AND STAGE	DEN / STG	DEN / STG	
	MIN / MAX	MIN / MAX	
PEST * P, COCKLEBUR, COMMO		---/16 2.00/6.00	IN

\* TIMING CODES

09 = --- / PREEMERGENCE  
11 = --- / EPOST

\* STAGE CODE

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES  
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
19 = 9 OR MORE LEAVES UNFOLDED

TRIAL # US 207/17/01 003 01 : USDUPTILL\* C-500  
DATA MEAN

**TITLE:** FeXapan in Conventional-Till 2-Pass Programs for RR2Xtend Soybean. C-500  
**CREATED:** 04/27/2017 **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 35.00 FT LONG  
**PLOT AREA:** 262.50 SFT

**REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	SETFA	AMBEL	PHBPU	GLXMA	SETFA
		RATE	UNIT	TM	CON % 06/16/17	CON % 06/16/17	CON % 06/16/17	CON % 06/16/17	CON % 06/30/17	CON % 06/30/17
1A»	ENLITE 47.86WG	3.50	OMA	0	0	83	88	75	0	65
	B VALOR 51WG	0.079	LAA	9						
	C CLASSIC 25WG	0.0063	LAA	9						
	D»HARMONY 50SG	0.019	LAA	9						
	E»ABUNDIT EDGE 4	1.125	LAA	11						
	F»FEXAPAN 2.9AE	0.50	LAA	11						
	G»INTACT	0.50	PMV	11						
2A»	ENLITE 47.86WG	3.50	OMA	0	0	96	96	88	0	75
	B VALOR 51WG	0.079	LAA	9						
	C CLASSIC 25WG	0.0063	LAA	9						
	D»HARMONY 50SG	0.019	LAA	9						
	E»ABUNDIT EDGE 4	1.125	LAA	11						
	F»FEXAPAN 2.9AE	0.50	LAA	11						
	G CINCH	0.96	LAA	11						
	H»INTACT	0.50	PMV	11						
3A»	ENVIVE 41.3SG	2.50	OMA	0	0	91	93	75	0	70
	B VALOR 51WG	0.046	LAA	9						
	C CLASSIC 25WG	0.014	LAA	9						
	D»HARMONY 50SG	0.0044	LAA	9						
	E»ABUNDIT EDGE 4	1.125	LAA	11						
	F»FEXAPAN 2.9AE	0.50	LAA	11						
	G»INTACT	0.50	PMV	11						
4A»	ENVIVE 41.3SG	2.50	OMA	0	0	88	93	73	0	72
	B VALOR 51WG	0.046	LAA	9						
	C CLASSIC 25WG	0.014	LAA	9						
	D»HARMONY 50SG	0.0044	LAA	9						
	E»ABUNDIT EDGE 4	1.125	LAA	11						
	F»FEXAPAN 2.9AE	0.50	LAA	11						
	G CINCH	0.96	LAA	11						
	H»INTACT	0.50	PMV	11						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A»	ZIDUA PRO 4.09	0.192	LAA	9	0	98	95	83	0	95
	B»RNDUP POWERMAX	1.125	LAA	11						
	C»XTENDIMAX 2.9	0.50	LAA	11						
	D»INTACT	0.50	PMV	11						
		LSD (0.05)			0.0	10.1	9.1	8.0	0.0	8.4
		STANDARD DEVIATION			0.0	4.5	4.1	3.6	0.0	3.8

**TRIAL # US 207/17/01 003 01 : USDUPTILL\* C-500  
DATA MEAN**

**TITLE:** FeXapan in Conventional-Till 2-Pass Programs for RR2Xtend Soybean. C-500  
**CREATED:** 04/27/2017 **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 35.00 FT LONG  
**PLOT AREA:** 262.50 SFT

**REPS: 03**

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBEL	PHBPU	GLXMA	GLXMA	SETFA	AMBEL
		RATE	UNIT	TM	CON % 06/30/17	CON % 06/30/17	CON % 07/13/17	CON % 07/20/17	CON % 07/20/17	CON % 07/20/17
1A»	ENLITE 47.86WG	3.50	OMA	0	70	57	0	0	99	99
	B VALOR 51WG	0.079	LAA	9						
	C CLASSIC 25WG	0.0063	LAA	9						
	D»HARMONY 50SG	0.019	LAA	9						
	E»ABUNDIT EDGE 4	1.125	LAA	11						
	F»FEXAPAN 2.9AE	0.50	LAA	11						
	G»INTACT	0.50	PMV	11						
2A»	ENLITE 47.86WG	3.50	OMA	0	81	67	17	18	99	99
	B VALOR 51WG	0.079	LAA	9						
	C CLASSIC 25WG	0.0063	LAA	9						
	D»HARMONY 50SG	0.019	LAA	9						
	E»ABUNDIT EDGE 4	1.125	LAA	11						
	F»FEXAPAN 2.9AE	0.50	LAA	11						
	G CINCH	0.96	LAA	11						
	H»INTACT	0.50	PMV	11						
3A»	ENVIVE 41.3SG	2.50	OMA	0	82	62	0	0	99	99
	B VALOR 51WG	0.046	LAA	9						
	C CLASSIC 25WG	0.014	LAA	9						
	D»HARMONY 50SG	0.0044	LAA	9						
	E»ABUNDIT EDGE 4	1.125	LAA	11						
	F»FEXAPAN 2.9AE	0.50	LAA	11						
	G»INTACT	0.50	PMV	11						
4A»	ENVIVE 41.3SG	2.50	OMA	0	78	68	18	18	99	99
	B VALOR 51WG	0.046	LAA	9						
	C CLASSIC 25WG	0.014	LAA	9						
	D»HARMONY 50SG	0.0044	LAA	9						
	E»ABUNDIT EDGE 4	1.125	LAA	11						
	F»FEXAPAN 2.9AE	0.50	LAA	11						
	G CINCH	0.96	LAA	11						
	H»INTACT	0.50	PMV	11						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A»	ZIDUA PRO 4.09	0.192	LAA	9	99	87	2	0	99	99
	B»RNDUP POWERMAX	1.125	LAA	11						
	C»XTENDIMAX 2.9	0.50	LAA	11						
	D»INTACT	0.50	PMV	11						
		LSD (0.05)			12.4	6.4	3.6	3.2	0.0	0.0
		STANDARD DEVIATION			5.6	2.9	1.6	1.4	0.0	0.0

TRIAL # US 207/17/01 003 01 : USDUPTILL\* C-500  
DATA MEAN

**TITLE:** FeXapan in Conventional-Till 2-Pass Programs for RR2xtend Soybean. C-500  
**CREATED:** 04/27/2017 **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 35.00 FT LONG  
**PLOT AREA:** 262.50 SFT

**REPS:** 03

TRT	TREATMENT	DOSAGE			PHBPU	XANST
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %
					07/20/17	07/20/17
1A»	ENLITE 47.86WG	3.50	OMA	0	98	96
B	VALOR 51WG	0.079	LAA	9		
C	CLASSIC 25WG	0.0063	LAA	9		
D»	HARMONY 50SG	0.019	LAA	9		
E»	ABUNDIT EDGE 4	1.125	LAA	11		
F»	FEXAPAN 2.9AE	0.50	LAA	11		
G»	INTACT	0.50	PMV	11		
2A»	ENLITE 47.86WG	3.50	OMA	0	99	99
B	VALOR 51WG	0.079	LAA	9		
C	CLASSIC 25WG	0.0063	LAA	9		
D»	HARMONY 50SG	0.019	LAA	9		
E»	ABUNDIT EDGE 4	1.125	LAA	11		
F»	FEXAPAN 2.9AE	0.50	LAA	11		
G	CINCH	0.96	LAA	11		
H»	INTACT	0.50	PMV	11		
3A»	ENVIVE 41.3SG	2.50	OMA	0	99	99
B	VALOR 51WG	0.046	LAA	9		
C	CLASSIC 25WG	0.014	LAA	9		
D»	HARMONY 50SG	0.0044	LAA	9		
E»	ABUNDIT EDGE 4	1.125	LAA	11		
F»	FEXAPAN 2.9AE	0.50	LAA	11		
G»	INTACT	0.50	PMV	11		
4A»	ENVIVE 41.3SG	2.50	OMA	0	99	99
B	VALOR 51WG	0.046	LAA	9		
C	CLASSIC 25WG	0.014	LAA	9		
D»	HARMONY 50SG	0.0044	LAA	9		
E»	ABUNDIT EDGE 4	1.125	LAA	11		
F»	FEXAPAN 2.9AE	0.50	LAA	11		
G	CINCH	0.96	LAA	11		
H»	INTACT	0.50	PMV	11		
5A	CHECK	0.00	NA	0	0	0
6A»	ZIDUA PRO 4.09	0.192	LAA	9	99	99
B»	RNDUP POWERMAX	1.125	LAA	11		
C»	XTENDIMAX 2.9	0.50	LAA	11		
D»	INTACT	0.50	PMV	11		
		LSD (0.05)			1.7	3.9
		STANDARD DEVIATION			0.8	1.7

» = SUPPLEMENTAL CHEMICAL

**\* TIMING CODES**

00 = --- / UNTREATED TIMING  
 09 = --- / PREEMERGENCE 06/02/2017(1)  
 11 = --- / EPOST 07/06/2017(2)

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 %	06/16/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/16/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBEL	CON %	06/16/2017	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	PHBPU	CON %	06/16/2017	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	06/30/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	06/30/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMBEL	CON %	06/30/2017	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	PHBPU	CON %	06/30/2017	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	GLXMA	CON %	07/13/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	GLXMA	CON %	07/20/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SETFA	CON %	07/20/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TRIAL # US 207/17/01 003 01 : USDUPTILL\* C-500  
DATA MEAN

TITLE: FeXapan in Conventional-Till 2-Pass Programs for RR2Xtend Soybean. C-500

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
012	AMBEL	CON %	07/20/2017	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	07/20/2017	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	XANST	CON %	07/20/2017	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)  
01 = P36T36X RR2XTEND