

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.3
 %OM: 4.7
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 36 FEET
 PLOT AREA: 270 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/01/08	06/02/08	AME
AIR TEMPERATURE	68	72	F
% REL.HUMIDITY	32	76	
WIND DIRECTION	SOUTH	SOUTHWEST	
WIND SPEED	15.0	1.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	NO	YES	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
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
SPRAY VOLUME	20.00	20.00	
SCREEN SIZE	GPA	GPA	
PRESSURE	42.00	42.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
CORN, DENT		---/13	
PIONEER 34A20		5.00/5.00	IN
04/30/2008			
*** PEST ***			
VELVETLEAF		---/12	
		1.00/2.00	IN
WATERHEMP, COMMO		---/19	
		1.00/3.00	IN
RAGWEED, COMMON		---/11	
		1.00/2.00	IN
LAMBSQUARTERS, C		---/19	
		1.00/2.00	IN
MORNINGGLORY, TA		---/13	
		1.00/2.00	IN
SMARTWEED, PENNS		---/19	
		1.00/4.00	IN
FOXTAIL, GIANT		---/13	
		1.00/3.00	IN
COCKLEBUR, COMMO		---/13	
		2.00/4.00	IN

* TIMING CODES

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

* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3 LEAVES UNFOLDED
13 = 3 LEAVES UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Isoxadifen Q blends for weed control in glyphosate-resistant corn. C-400
CREATED: 04/13/2008 **REVISED:** 11/11/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG
PLOT AREA: 270.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	CHEAL	AMATA	POLPY	AMBEL
		RATE	UNIT		CON % 06/17/08	CON % 06/17/08	CON % 06/17/08	CON % 06/17/08	CON % 06/17/08	CON % 06/17/08
1A	RESOLVE 25DF	0.012	LAA	11	0	98	99	99	99	99
B	ACCENT 75WG	0.023	LAA	11						
C	ISOXADIFEN-ETH	0.0078	LAA	11						
D	IMPACT 2.8SC	0.011	LAA	11						
E	ATRAZINE DF	0.50	LAA	11						
F	MISO	1.00	PMV	11						
G	LIQUID AMS	2.50	PMV	11						
2A	CINCH ATZ 5.5L	1.38	LAA	9	0	99	99	99	99	99
B	RESOLVE 25DF	0.012	LAA	11						
C	ACCENT 75WG	0.023	LAA	11						
D	ISOXADIFEN-ETH	0.0078	LAA	11						
E	IMPACT 2.8SC	0.011	LAA	11						
F	ATRAZINE DF	0.50	LAA	11						
G	MISO	1.00	PMV	11						
H	LIQUID AMS	2.50	PMV	11						
3A	RESOLVE 25DF	0.014	LAA	11	0	98	99	99	99	98
B	HARMONY 50SG	0.003	LAA	11						
C	ISOXADIFEN-ETH	0.007	LAA	11						
D	ATRAZINE DF	0.50	LAA	11						
E	RNDUP POWERMAX	0.75	PMV	11						
F	LIQUID AMS	2.50	PMV	11						
4A	CINCH ATZ 5.5L	1.38	LAA	9	0	99	99	99	99	99
B	RESOLVE 25DF	0.014	LAA	11						
C	HARMONY 50SG	0.003	LAA	11						
D	ISOXADIFEN-ETH	0.007	LAA	11						
E	ATRAZINE DF	0.50	LAA	11						
F	RNDUP POWERMAX	0.75	PMV	11						
G	LIQUID AMS	2.50	PMV	11						
5A	RESOLVE 25DF	0.016	LAA	11	0	94	99	99	99	98
B	DICAMBA 70WG	0.12	LAA	11						
C	ISOXADIFEN-ETH	0.0078	LAA	11						
D	ATRAZINE DF	0.50	LAA	11						
E	RNDUP POWERMAX	0.75	PMV	11						
F	LIQUID AMS	2.50	PMV	11						
6A	CINCH ATZ 5.5L	1.38	LAA	9	0	98	99	99	99	99
B	RESOLVE 25DF	0.016	LAA	11						
C	DICAMBA 70WG	0.12	LAA	11						
D	ISOXADIFEN-ETH	0.0078	LAA	11						
E	ATRAZINE DF	0.50	LAA	11						
F	RNDUP POWERMAX	0.75	PMV	11						
G	LIQUID AMS	2.50	PMV	11						
7A	RNDUP POWERMAX	0.75	PMV	11	0	89	96	92	94	90
B	LIQUID AMS	2.50	PMV	11						
8A	CINCH ATZ 5.5L	1.38	LAA	9	0	98	99	99	99	99
B	RNDUP POWERMAX	0.75	PMV	11						
C	LIQUID AMS	2.50	PMV	11						
9A	RESOLVE 25DF	0.023	LAA	9	0	83	99	99	99	99
B	ISOXAFLOTOLE 7	0.047	LAA	9						
C	RNDUP POWERMAX	0.75	PMV	11						
D	LIQUID AMS	2.50	PMV	11						
10A	CHECK	0.00	NA	0	0	0	0	0	0	0
11A	RESOLVE 25DF	0.023	LAA	9	0	96	98	99	99	99
B	ISOXAFLOTOLE 7	0.047	LAA	9						
C	RESOLVE 25DF	0.014	LAA	11						
D	HARMONY 50SG	0.003	LAA	11						
E	ISOXADIFEN-ETH	0.007	LAA	11						
F	ATRAZINE DF	0.50	LAA	11						
G	RNDUP POWERMAX	0.75	PMV	11						
H	LIQUID AMS	2.50	PMV	11						

TITLE: Isoxadifen Q blends for weed control in glyphosate-resistant corn. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	SETFA	CHEAL	AMATA	POLPY	AMBEL
		RATE	UNIT TM	CON % 06/17/08	CON % 06/17/08	CON % 06/17/08	CON % 06/17/08	CON % 06/17/08	CON % 06/17/08
12A»	RESOLVE 25DF	0.023	LAA 9	0	95	99	99	99	99
B»	ISOXAFLOTOLE 7	0.047	LAA 9						
C»	RESOLVE 25DF	0.016	LAA 11						
D»	DICAMBA 70WG	0.12	LAA 11						
E»	ISOXADIFEN-ETH	0.0078	LAA 11						
F	ATRAZINE DF	0.50	LAA 11						
G»	RNDUP POWERMAX	0.75	PMV 11						
H»	LIQUID AMS	2.50	PMV 11						
	LSD (0.05)			0.00	3.73	1.89	2.82	4.00	3.51
	STANDARD DEVIATION			0.00	1.80	0.91	1.36	1.91	1.69

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CREATED: 04/13/2008 **REVISED:** 11/11/2008 **COMPLETED:** N
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LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG
PLOT AREA: 270.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH	PHBPU	XANST	ZEAMD	SETFA	CHEAL
		RATE	UNIT		CON % 06/17/08	CON % 06/17/08	CON % 06/17/08	CON % 07/01/08	CON % 07/01/08	CON % 07/01/08
1A	RESOLVE 25DF	0.012	LAA	11	99	95	93	0	93	99
B	ACCENT 75WG	0.023	LAA	11						
C	ISOXADIFEN-ETH	0.0078	LAA	11						
D	IMPACT 2.8SC	0.011	LAA	11						
E	ATRAZINE DF	0.50	LAA	11						
F	MISO	1.00	PMV	11						
G	LIQUID AMS	2.50	PMV	11						
2A	CINCH ATZ 5.5L	1.38	LAA	9	98	94	93	0	98	99
B	RESOLVE 25DF	0.012	LAA	11						
C	ACCENT 75WG	0.023	LAA	11						
D	ISOXADIFEN-ETH	0.0078	LAA	11						
E	IMPACT 2.8SC	0.011	LAA	11						
F	ATRAZINE DF	0.50	LAA	11						
G	MISO	1.00	PMV	11						
H	LIQUID AMS	2.50	PMV	11						
3A	RESOLVE 25DF	0.014	LAA	11	98	89	88	0	96	99
B	HARMONY 50SG	0.003	LAA	11						
C	ISOXADIFEN-ETH	0.007	LAA	11						
D	ATRAZINE DF	0.50	LAA	11						
E	RNDUP POWERMAX	0.75	PMV	11						
F	LIQUID AMS	2.50	PMV	11						
4A	CINCH ATZ 5.5L	1.38	LAA	9	99	95	92	0	99	99
B	RESOLVE 25DF	0.014	LAA	11						
C	HARMONY 50SG	0.003	LAA	11						
D	ISOXADIFEN-ETH	0.007	LAA	11						
E	ATRAZINE DF	0.50	LAA	11						
F	RNDUP POWERMAX	0.75	PMV	11						
G	LIQUID AMS	2.50	PMV	11						
5A	RESOLVE 25DF	0.016	LAA	11	98	92	92	0	91	99
B	DICAMBA 70WG	0.12	LAA	11						
C	ISOXADIFEN-ETH	0.0078	LAA	11						
D	ATRAZINE DF	0.50	LAA	11						
E	RNDUP POWERMAX	0.75	PMV	11						
F	LIQUID AMS	2.50	PMV	11						
6A	CINCH ATZ 5.5L	1.38	LAA	9	98	97	96	0	98	99
B	RESOLVE 25DF	0.016	LAA	11						
C	DICAMBA 70WG	0.12	LAA	11						
D	ISOXADIFEN-ETH	0.0078	LAA	11						
E	ATRAZINE DF	0.50	LAA	11						
F	RNDUP POWERMAX	0.75	PMV	11						
G	LIQUID AMS	2.50	PMV	11						
7A	RNDUP POWERMAX	0.75	PMV	11	89	67	68	0	75	99
B	LIQUID AMS	2.50	PMV	11						
8A	CINCH ATZ 5.5L	1.38	LAA	9	91	86	77	0	94	99
B	RNDUP POWERMAX	0.75	PMV	11						
C	LIQUID AMS	2.50	PMV	11						
9A	RESOLVE 25DF	0.023	LAA	9	96	72	70	0	78	99
B	ISOXAFLOTOLE 7	0.047	LAA	9						
C	RNDUP POWERMAX	0.75	PMV	11						
D	LIQUID AMS	2.50	PMV	11						
10A	CHECK	0.00	NA	0	0	0	0	0	0	0
11A	RESOLVE 25DF	0.023	LAA	9	98	90	91	0	94	99
B	ISOXAFLOTOLE 7	0.047	LAA	9						
C	RESOLVE 25DF	0.014	LAA	11						
D	HARMONY 50SG	0.003	LAA	11						
E	ISOXADIFEN-ETH	0.007	LAA	11						
F	ATRAZINE DF	0.50	LAA	11						
G	RNDUP POWERMAX	0.75	PMV	11						
H	LIQUID AMS	2.50	PMV	11						

TITLE: Isoxadifen Q blends for weed control in glyphosate-resistant corn. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		ABUTH	PHBPU	XANST	ZEAMD	SETFA	CHEAL
		RATE	UNIT TM	CON % 06/17/08	CON % 06/17/08	CON % 06/17/08	CON % 07/01/08	CON % 07/01/08	CON % 07/01/08
12A»	RESOLVE 25DF	0.023	LAA 9	99	93	93	0	95	99
B»	ISOXAFLOTOLE 7	0.047	LAA 9						
C»	RESOLVE 25DF	0.016	LAA 11						
D»	DICAMBA 70WG	0.12	LAA 11						
E»	ISOXADIFEN-ETH	0.0078	LAA 11						
F	ATRAZINE DF	0.50	LAA 11						
G»	RNDUP POWERMAX	0.75	PMV 11						
H»	LIQUID AMS	2.50	PMV 11						
			LSD (0.05)	4.24	4.51	5.38	0.00	4.62	0.00
			STANDARD DEVIATION	2.00	2.17	2.59	0.00	2.23	0.00

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LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG
PLOT AREA: 270.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMATA	POLPY	AMBEL	ABUTH	PHBPU	XANST
		RATE	UNIT	TM	CON % 07/01/08	CON % 07/01/08	CON % 07/01/08	CON % 07/01/08	CON % 07/01/08	CON % 07/01/08
1A	RESOLVE 25DF	0.012	LAA	11	99	99	98	99	90	88
B	ACCENT 75WG	0.023	LAA	11						
C	ISOXADIFEN-ETH	0.0078	LAA	11						
D	IMPACT 2.8SC	0.011	LAA	11						
E	ATRAZINE DF	0.50	LAA	11						
F	MISO	1.00	PMV	11						
G	LIQUID AMS	2.50	PMV	11						
2A	CINCH ATZ 5.5L	1.38	LAA	9	99	99	99	99	93	93
B	RESOLVE 25DF	0.012	LAA	11						
C	ACCENT 75WG	0.023	LAA	11						
D	ISOXADIFEN-ETH	0.0078	LAA	11						
E	IMPACT 2.8SC	0.011	LAA	11						
F	ATRAZINE DF	0.50	LAA	11						
G	MISO	1.00	PMV	11						
H	LIQUID AMS	2.50	PMV	11						
3A	RESOLVE 25DF	0.014	LAA	11	99	99	98	95	87	84
B	HARMONY 50SG	0.003	LAA	11						
C	ISOXADIFEN-ETH	0.007	LAA	11						
D	ATRAZINE DF	0.50	LAA	11						
E	RNDUP POWERMAX	0.75	PMV	11						
F	LIQUID AMS	2.50	PMV	11						
4A	CINCH ATZ 5.5L	1.38	LAA	9	99	99	99	99	94	91
B	RESOLVE 25DF	0.014	LAA	11						
C	HARMONY 50SG	0.003	LAA	11						
D	ISOXADIFEN-ETH	0.007	LAA	11						
E	ATRAZINE DF	0.50	LAA	11						
F	RNDUP POWERMAX	0.75	PMV	11						
G	LIQUID AMS	2.50	PMV	11						
5A	RESOLVE 25DF	0.016	LAA	11	98	98	96	98	90	88
B	DICAMBA 70WG	0.12	LAA	11						
C	ISOXADIFEN-ETH	0.0078	LAA	11						
D	ATRAZINE DF	0.50	LAA	11						
E	RNDUP POWERMAX	0.75	PMV	11						
F	LIQUID AMS	2.50	PMV	11						
6A	CINCH ATZ 5.5L	1.38	LAA	9	99	99	98	99	95	92
B	RESOLVE 25DF	0.016	LAA	11						
C	DICAMBA 70WG	0.12	LAA	11						
D	ISOXADIFEN-ETH	0.0078	LAA	11						
E	ATRAZINE DF	0.50	LAA	11						
F	RNDUP POWERMAX	0.75	PMV	11						
G	LIQUID AMS	2.50	PMV	11						
7A	RNDUP POWERMAX	0.75	PMV	11	97	97	90	87	70	63
B	LIQUID AMS	2.50	PMV	11						
8A	CINCH ATZ 5.5L	1.38	LAA	9	98	99	98	98	80	72
B	RNDUP POWERMAX	0.75	PMV	11						
C	LIQUID AMS	2.50	PMV	11						
9A	RESOLVE 25DF	0.023	LAA	9	99	99	99	99	70	62
B	ISOXAFLOTOLE 7	0.047	LAA	9						
C	RNDUP POWERMAX	0.75	PMV	11						
D	LIQUID AMS	2.50	PMV	11						
10A	CHECK	0.00	NA	0	0	0	0	0	0	0
11A	RESOLVE 25DF	0.023	LAA	9	99	99	98	98	93	91
B	ISOXAFLOTOLE 7	0.047	LAA	9						
C	RESOLVE 25DF	0.014	LAA	11						
D	HARMONY 50SG	0.003	LAA	11						
E	ISOXADIFEN-ETH	0.007	LAA	11						
F	ATRAZINE DF	0.50	LAA	11						
G	RNDUP POWERMAX	0.75	PMV	11						
H	LIQUID AMS	2.50	PMV	11						

TITLE: Isoxadifen Q blends for weed control in glyphosate-resistant corn. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		AMATA	POLPY	AMBEL	ABUTH	PHBPU	XANST
		RATE	UNIT TM	CON % 07/01/08	CON % 07/01/08	CON % 07/01/08	CON % 07/01/08	CON % 07/01/08	CON % 07/01/08
12A»	RESOLVE 25DF	0.023	LAA 9	99	99	99	99	93	92
B»	ISOXAFLOTOLE 7	0.047	LAA 9						
C»	RESOLVE 25DF	0.016	LAA 11						
D»	DICAMBA 70WG	0.12	LAA 11						
E»	ISOXADIFEN-ETH	0.0078	LAA 11						
F	ATRAZINE DF	0.50	LAA 11						
G»	RNDUP POWERMAX	0.75	PMV 11						
H»	LIQUID AMS	2.50	PMV 11						
	LSD (0.05)			0.855	0.642	2.72	3.80	4.37	5.05
	STANDARD DEVIATION			0.412	0.31	1.31	1.83	2.11	2.44

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PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG
PLOT AREA: 270.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	CHEAL	AMATA	POLPY	AMBEL
		RATE	UNIT		CON % 07/28/08	CON % 07/28/08	CON % 07/28/08	CON % 07/28/08	CON % 07/28/08	CON % 07/28/08
1A	RESOLVE 25DF	0.012	LAA	11	0	99	99	99	99	98
B	ACCENT 75WG	0.023	LAA	11						
C	ISOXADIFEN-ETH	0.0078	LAA	11						
D	IMPACT 2.8SC	0.011	LAA	11						
E	ATRAZINE DF	0.50	LAA	11						
F	MISO	1.00	PMV	11						
G	LIQUID AMS	2.50	PMV	11						
2A	CINCH ATZ 5.5L	1.38	LAA	9	0	99	99	99	99	99
B	RESOLVE 25DF	0.012	LAA	11						
C	ACCENT 75WG	0.023	LAA	11						
D	ISOXADIFEN-ETH	0.0078	LAA	11						
E	IMPACT 2.8SC	0.011	LAA	11						
F	ATRAZINE DF	0.50	LAA	11						
G	MISO	1.00	PMV	11						
H	LIQUID AMS	2.50	PMV	11						
3A	RESOLVE 25DF	0.014	LAA	11	0	99	99	97	99	94
B	HARMONY 50SG	0.003	LAA	11						
C	ISOXADIFEN-ETH	0.007	LAA	11						
D	ATRAZINE DF	0.50	LAA	11						
E	RNDUP POWERMAX	0.75	PMV	11						
F	LIQUID AMS	2.50	PMV	11						
4A	CINCH ATZ 5.5L	1.38	LAA	9	0	99	99	99	99	99
B	RESOLVE 25DF	0.014	LAA	11						
C	HARMONY 50SG	0.003	LAA	11						
D	ISOXADIFEN-ETH	0.007	LAA	11						
E	ATRAZINE DF	0.50	LAA	11						
F	RNDUP POWERMAX	0.75	PMV	11						
G	LIQUID AMS	2.50	PMV	11						
5A	RESOLVE 25DF	0.016	LAA	11	0	99	99	98	98	94
B	DICAMBA 70WG	0.12	LAA	11						
C	ISOXADIFEN-ETH	0.0078	LAA	11						
D	ATRAZINE DF	0.50	LAA	11						
E	RNDUP POWERMAX	0.75	PMV	11						
F	LIQUID AMS	2.50	PMV	11						
6A	CINCH ATZ 5.5L	1.38	LAA	9	0	98	99	99	99	98
B	RESOLVE 25DF	0.016	LAA	11						
C	DICAMBA 70WG	0.12	LAA	11						
D	ISOXADIFEN-ETH	0.0078	LAA	11						
E	ATRAZINE DF	0.50	LAA	11						
F	RNDUP POWERMAX	0.75	PMV	11						
G	LIQUID AMS	2.50	PMV	11						
7A	RNDUP POWERMAX	0.75	PMV	11	0	93	96	77	95	76
B	LIQUID AMS	2.50	PMV	11						
8A	CINCH ATZ 5.5L	1.38	LAA	9	0	98	98	94	98	93
B	RNDUP POWERMAX	0.75	PMV	11						
C	LIQUID AMS	2.50	PMV	11						
9A	RESOLVE 25DF	0.023	LAA	9	0	96	99	98	99	96
B	ISOXAFLOTOLE 7	0.047	LAA	9						
C	RNDUP POWERMAX	0.75	PMV	11						
D	LIQUID AMS	2.50	PMV	11						
10A	CHECK	0.00	NA	0	0	0	0	0	0	0
11A	RESOLVE 25DF	0.023	LAA	9	0	91	99	99	99	98
B	ISOXAFLOTOLE 7	0.047	LAA	9						
C	RESOLVE 25DF	0.014	LAA	11						
D	HARMONY 50SG	0.003	LAA	11						
E	ISOXADIFEN-ETH	0.007	LAA	11						
F	ATRAZINE DF	0.50	LAA	11						
G	RNDUP POWERMAX	0.75	PMV	11						
H	LIQUID AMS	2.50	PMV	11						

TITLE: Isoxadifen Q blends for weed control in glyphosate-resistant corn. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	SETFA	CHEAL	AMATA	POLPY	AMBEL
		RATE	UNIT TM	CON % 07/28/08	CON % 07/28/08	CON % 07/28/08	CON % 07/28/08	CON % 07/28/08	CON % 07/28/08
12A»	RESOLVE 25DF	0.023	LAA 9	0	93	99	99	99	99
B»	ISOXAFLOTOLE 7	0.047	LAA 9						
C»	RESOLVE 25DF	0.016	LAA 11						
D»	DICAMBA 70WG	0.12	LAA 11						
E»	ISOXADIFEN-ETH	0.0078	LAA 11						
F	ATRAZINE DF	0.50	LAA 11						
G»	RNDUP POWERMAX	0.75	PMV 11						
H»	LIQUID AMS	2.50	PMV 11						
	LSL (0.05)			0.00	2.29	1.23	4.05	1.24	5.05
	STANDARD DEVIATION			0.00	1.10	0.593	2.00	0.597	2.44

TITLE: Isoxadifen Q blends for weed control in glyphosate-resistant corn. C-400
CREATED: 04/13/2008 **REVISED:** 11/11/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG
PLOT AREA: 270.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH	PHBPU	XANST	YIELD
		RATE	UNIT		CON % 07/28/08	CON % 07/28/08	CON % 07/28/08	BU/A 10/30/08
1A	RESOLVE 25DF	0.012	LAA	11	99	84	82	194.1
B	ACCENT 75WG	0.023	LAA	11				
C	ISOXADIFEN-ETH	0.0078	LAA	11				
D	IMPACT 2.8SC	0.011	LAA	11				
E	ATRAZINE DF	0.50	LAA	11				
F	MMSO	1.00	PMV	11				
G	LIQUID AMS	2.50	PMV	11				
2A	CINCH ATZ 5.5L	1.38	LAA	9	99	92	91	192.9
B	RESOLVE 25DF	0.012	LAA	11				
C	ACCENT 75WG	0.023	LAA	11				
D	ISOXADIFEN-ETH	0.0078	LAA	11				
E	IMPACT 2.8SC	0.011	LAA	11				
F	ATRAZINE DF	0.50	LAA	11				
G	MMSO	1.00	PMV	11				
H	LIQUID AMS	2.50	PMV	11				
3A	RESOLVE 25DF	0.014	LAA	11	96	81	82	192.9
B	HARMONY 50SG	0.003	LAA	11				
C	ISOXADIFEN-ETH	0.007	LAA	11				
D	ATRAZINE DF	0.50	LAA	11				
E	RNDUP POWERMAX	0.75	PMV	11				
F	LIQUID AMS	2.50	PMV	11				
4A	CINCH ATZ 5.5L	1.38	LAA	9	99	88	88	198.5
B	RESOLVE 25DF	0.014	LAA	11				
C	HARMONY 50SG	0.003	LAA	11				
D	ISOXADIFEN-ETH	0.007	LAA	11				
E	ATRAZINE DF	0.50	LAA	11				
F	RNDUP POWERMAX	0.75	PMV	11				
G	LIQUID AMS	2.50	PMV	11				
5A	RESOLVE 25DF	0.016	LAA	11	97	80	77	190.8
B	DICAMBA 70WG	0.12	LAA	11				
C	ISOXADIFEN-ETH	0.0078	LAA	11				
D	ATRAZINE DF	0.50	LAA	11				
E	RNDUP POWERMAX	0.75	PMV	11				
F	LIQUID AMS	2.50	PMV	11				
6A	CINCH ATZ 5.5L	1.38	LAA	9	98	86	82	186.1
B	RESOLVE 25DF	0.016	LAA	11				
C	DICAMBA 70WG	0.12	LAA	11				
D	ISOXADIFEN-ETH	0.0078	LAA	11				
E	ATRAZINE DF	0.50	LAA	11				
F	RNDUP POWERMAX	0.75	PMV	11				
G	LIQUID AMS	2.50	PMV	11				
7A	RNDUP POWERMAX	0.75	PMV	11	70	53	57	182.1
B	LIQUID AMS	2.50	PMV	11				
8A	CINCH ATZ 5.5L	1.38	LAA	9	90	68	70	182.3
B	RNDUP POWERMAX	0.75	PMV	11				
C	LIQUID AMS	2.50	PMV	11				
9A	RESOLVE 25DF	0.023	LAA	9	98	67	62	187.0
B	ISOXAFLOTOLE 7	0.047	LAA	9				
C	RNDUP POWERMAX	0.75	PMV	11				
D	LIQUID AMS	2.50	PMV	11				
10A	CHECK	0.00	NA	0	0	0	0	95.0
11A	RESOLVE 25DF	0.023	LAA	9	98	88	88	197.1
B	ISOXAFLOTOLE 7	0.047	LAA	9				
C	RESOLVE 25DF	0.014	LAA	11				
D	HARMONY 50SG	0.003	LAA	11				
E	ISOXADIFEN-ETH	0.007	LAA	11				
F	ATRAZINE DF	0.50	LAA	11				
G	RNDUP POWERMAX	0.75	PMV	11				
H	LIQUID AMS	2.50	PMV	11				

TITLE: Isoxadifen Q blends for weed control in glyphosate-resistant corn. C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH	PHBPU	XANST	YIELD
		RATE	UNIT		CON % 07/28/08	CON % 07/28/08	CON % 07/28/08	BU/A 10/30/08
12A	RESOLVE 25DF	0.023	LAA	9	99	90	88	187.2
B	ISOX AFLUTOLE 7	0.047	LAA	9				
C	RESOLVE 25DF	0.016	LAA	11				
D	DICAMBA 70WG	0.12	LAA	11				
E	ISOXADIFEN-ETH	0.0078	LAA	11				
F	ATRAZINE DF	0.50	LAA	11				
G	RNDUP POWERMAX	0.75	PMV	11				
H	LIQUID AMS	2.50	PMV	11				
LSD (0.05)					3.44	9.20	9.45	27.51
STANDARD DEVIATION					1.66	4.43	4.55	13.26

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PREEMERGENCE 05/01/2008(1)
11 = ----- / EPOST 06/02/2008(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD	CON %	06/17/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/17/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/17/2008	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/17/2008	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	POLPY	CON %	06/17/2008	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMBEL	CON %	06/17/2008	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ABUTH	CON %	06/17/2008	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	PHBPU	CON %	06/17/2008	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	XANST	CON %	06/17/2008	09	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ZEAMD	CON %	07/01/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SETFA	CON %	07/01/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	CHEAL	CON %	07/01/2008	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMATA	CON %	07/01/2008	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	POLPY	CON %	07/01/2008	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	AMBEL	CON %	07/01/2008	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ABUTH	CON %	07/01/2008	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	PHBPU	CON %	07/01/2008	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	XANST	CON %	07/01/2008	09	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ZEAMD	CON %	07/28/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	SETFA	CON %	07/28/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	CHEAL	CON %	07/28/2008	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	AMATA	CON %	07/28/2008	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	POLPY	CON %	07/28/2008	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	AMBEL	CON %	07/28/2008	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	ABUTH	CON %	07/28/2008	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	PHBPU	CON %	07/28/2008	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	XANST	CON %	07/28/2008	09	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	YIELD	BU/A	10/30/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = PIONEER 34A20