TRIAL # US 284/17/01 002 01 : USNFNTLL 261-68
APPLICATIONS

SOIL INFORMATION

TEXTURE: SIL
PH: 6.2
%OM: 2.8
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET
PLOT AREA: 225 FEET

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	04	05	06	07	UNIT
TIMINGS	05	06	09	11	12	13	14	
TYPE	LIQUID MI	LIQUID MI	LIQUID MI	LIQUID MI	LIQUID MI	LIQUID MI	LIQUID MI	
APPLICATION DATE	05/02/17	05/08/17	05/17/17	06/08/17	06/08/17	06/16/17	06/27/17	AME
TIME - BEGIN	09:30	09:05	05:45	09:25	09:25	07:40	08:30	24H
TIME - END	09:45	09:10	05:55	09:35	09:35	07:45	08:35	24H
AIR TEMPERATURE	55	54	68	78	78	77	63	F
% REL.HUMIDITY	68	48	77	37	37	61	60	
WIND DIRECTION	SOUTHWEST	EAST	SOUTH	WEST	WEST	NORTHWEST	NORTH	
WIND SPEED	9.0	6.0	4.0	3.0	3.0	1.0	2.0	M/H
CLOUD COVER	CLOUDY-~6	PAR.CLOUD	CLOUDY-~6	CLEAR-0%	CLEAR-0%	CLEAR-0%	CLEAR-0%	
DEW	NO	NO	NO	NO	NO	NO	NO	
SOIL MOISTURE	MOIST/MOI	MOIST/MOI	DRY/MOIST	DRY/ DRY	DRY/ DRY	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	TO BE SEL	TO BE SEL	TO BE SEL	TO BE SEL	TO BE SEL	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	52/4.00	50/4.00	68/4.00	70/4.00	70/4.00	74/4.00	68/4.00	F/IN
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRAY/MOT	BACKPACK/	BACKPACK/	BACKPACK/	BACKPACK/	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	COMPRESSE	COMPRESSE	COMPRESSE	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION								
NOZZLE VOLUME	0.00	0.00	0.00	0.00	0.00	0.00	0.00	GPM
NOZZLE NUMBER	5	5	5	5	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	18.000	18.000	18.000	18.000	IN
SCREEN SIZE								
SCREEN SZ DESC	NA	NA	NA	NA	NA	NA	NA	
SWATH WIDTH	7.5	7.5	7.5	7.5	7.5	7.5	7.5	FT
BOOM HEIGHT	20.0	20.0	20.0	20.0	20.0	20.0	20.0	IN
SPEED	3.00	3.00	3.00	3.00	3.00	3.00	3.00	M/H
MIX SIZE	0.330	0.330	0.330	0.330	0.330	0.330	0.330	
MIX SIZE UNIT	GAL	GAL	GAL	GAL	GAL	GAL	GAL	
SPRAY VOLUME	20.00	20.00	20.00	20.00	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	GPA	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	30.00	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	WATER	WATER	WATER	WATER	
INC. DATE								AME
INC. START								24H
INC. END								24H
INC. DEPTH								IN
INC. EQUIPMENT	TO BE SEL	TO BE SEL	TO BE SEL	TO BE SEL	TO BE SEL	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	DEN / STG MIN / MAX	DEN / STG MIN / MAX	DEN / STG MIN / MAX	DEN / STG MIN / MAX	DEN / STG MIN / MAX	
CROP *								
P, SOYBEAN				---/13	---/13	---/16	---/19	
CZ3737LL				3.00/3.00	3.00/3.00	/	14.0/14.0	IN
(PLANTED) 05/16/2017				23 DAP	23 DAP	31 DAP	42 DAP	
PEST *								
P, VELVETLEAF			---/10				---/14	
			0.50/0.50				2.00/2.00	IN
P, SHEPHERDSPURSE			---/19					
			8.00/8.00					IN
P, LAMBSQUARTERS, C				---/14	---/14		---/19	
				0.50/0.50	0.50/0.50		3.00/3.00	IN

*** CONTINUE

TRIAL # US 284/17/01 002 01 : USNFNTLL 261-68
APPLICATIONS

SPECIE AND STAGE	DEN / STG MIN / MAX	DEN / STG MIN / MAX	DEN / STG MIN / MAX	DEN / STG MIN / MAX	DEN / STG MIN / MAX	DEN / STG MIN / MAX	DEN / STG MIN / MAX	
PEST *								
P, HORSEWEED / MARE			---/18 3.00/3.00					IN
P, HENBIT		---/19 3.00/3.00						IN
P, MORNINGGLORY, TA			---/10 0.50/0.50	---/16 2.00/2.00	---/16 2.00/2.00	---/18 2.00/3.00	---/14 2.00/2.00	IN
P, FOXTAIL, GIANT		---/12 0.50/1.00	---/11 0.50/0.50	---/12 1.00/1.00	---/12 1.00/1.00	---/13 4.00/4.00	---/12 3.00/3.00	IN
P, CHICKWEED, COMMO		---/19 6.00/8.00						IN

*** TIMING CODES**
05 = --- / EPP 15 DBP
06 = --- / EPP 7 DBP
09 = --- / PREEMERGENCE
11 = --- / EPOST
12 = --- / POST
13 = --- / LPOST
14 = --- / VLPOST

*** STAGE CODE**
10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
11 = FIRST LEAF UNFOLDED
12 = 2 LEAVES UNFOLDED
13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
13 = 3 LEAVES UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = 9 OR MORE LEAVES UNFOLDED, 8 OR MORE NODES

TRIAL # US 284/17/01 002 01 : USNFNTLL 261-68
DATA MEAN

TITLE: Panther Pro for Spring Burndown weed control in No-till Liberty-Link Soybean. 261-68
CREATED: 05/02/2017 **REVISED:** 01/04/2018 **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 NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	LAMAM CON % 05/16/17	STEME CON % 05/16/17	ERICA CON % 05/16/17	SETFA CON % 05/16/17	ABUTH CON % 05/16/17	CAPBP CON % 05/16/17
1A	»SPITFIRE 3.57L	0.89	LAA	5	99	99	91	99	99	90
B	»CREDIT XTREME	0.77	LAA	5						
2A	»SPITFIRE 3.57L	0.89	LAA	5	98	99	99	99	99	96
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	6						
D	»MSO	1.00	PMV	6						
E	»CHEETAH 2.34L	0.53	LAA	11						
F	»WARRANT 3L	1.125	LAA	11						
G	»LIQUID AMS	2.50	PMV	11						
3A	»SPITFIRE 3.57L	0.89	LAA	5	93	99	90	99	99	83
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.40	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	12						
F	»WARRANT 3L	1.125	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
4A	»SPITFIRE 3.57L	0.89	LAA	5	90	99	89	99	99	83
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»WARRANT 3L	1.125	LAA	13						
G	»LIQUID AMS	2.50	PMV	13						
5A	»SPITFIRE 3.57L	0.89	LAA	5	96	99	75	99	99	75
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»LIQUID AMS	2.50	PMV	13						
G	»CHEETAH 2.34L	0.53	LAA	14						
H	»LIQUID AMS	2.50	PMV	14						
6A	»SPITFIRE 3.57L	0.89	LAA	5	92	99	78	99	99	76
B	»CREDIT XTREME	0.77	LAA	5						
C	»NUP-17039 4.25	0.40	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	12						
F	»WARRANT 3L	1.125	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
7A	»SPITFIRE 3.57L	0.89	LAA	5	89	99	83	99	99	73
B	»CREDIT XTREME	0.77	LAA	5						
C	»NUP-17039 4.25	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»WARRANT 3L	1.125	LAA	13						
G	»LIQUID AMS	2.50	PMV	13						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				9.9	0.0	14.4	0.0	0.0	27.1
	STANDARD DEVIATION				4.6	0.0	6.7	0.0	0.0	12.6

TRIAL # US 284/17/01 002 01 : USNFNTLL 261-68
DATA MEAN

TITLE: Panther Pro for Spring Burndown weed control in No-till Liberty-Link Soybean. 261-68
CREATED: 05/02/2017 **REVISED:** 01/04/2018 **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 NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	PHBPU CON % 05/16/17	LAMAM CON % 05/22/17	STEME CON % 05/22/17	ERICA CON % 05/22/17	SETFA CON % 05/22/17	ABUTH CON % 05/22/17
1A	»SPITFIRE 3.57L	0.89	LAA	5	99	99	99	99	85	86
B	»CREDIT XTREME	0.77	LAA	5						
2A	»SPITFIRE 3.57L	0.89	LAA	5	99	99	99	99	96	98
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	6						
D	»MSO	1.00	PMV	6						
E	»CHEETAH 2.34L	0.53	LAA	11						
F	»WARRANT 3L	1.125	LAA	11						
G	»LIQUID AMS	2.50	PMV	11						
3A	»SPITFIRE 3.57L	0.89	LAA	5	99	99	99	99	99	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.40	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	12						
F	»WARRANT 3L	1.125	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
4A	»SPITFIRE 3.57L	0.89	LAA	5	99	98	99	99	99	98
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»WARRANT 3L	1.125	LAA	13						
G	»LIQUID AMS	2.50	PMV	13						
5A	»SPITFIRE 3.57L	0.89	LAA	5	99	99	99	99	99	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»LIQUID AMS	2.50	PMV	13						
G	»CHEETAH 2.34L	0.53	LAA	14						
H	»LIQUID AMS	2.50	PMV	14						
6A	»SPITFIRE 3.57L	0.89	LAA	5	99	97	99	99	99	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»NUP-17039 4.25	0.40	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	12						
F	»WARRANT 3L	1.125	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
7A	»SPITFIRE 3.57L	0.89	LAA	5	99	99	99	99	99	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»NUP-17039 4.25	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»WARRANT 3L	1.125	LAA	13						
G	»LIQUID AMS	2.50	PMV	13						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				0.0	2.4	0.0	0.0	5.9	3.4
	STANDARD DEVIATION				0.0	1.1	0.0	0.0	2.8	1.6

TRIAL # US 284/17/01 002 01 : USNFNTLL 261-68
DATA MEAN

TITLE: Panther Pro for Spring Burndown weed control in No-till Liberty-Link Soybean. 261-68
CREATED: 05/02/2017 **REVISED:** 01/04/2018 **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 NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	CAPBP CON % 05/22/17	PHBPU CON % 05/22/17	GLXMA CON % 06/01/17	LAMAM CON % 06/01/17	STEME CON % 06/01/17	ERICA CON % 06/01/17
1A	»SPITFIRE 3.57L	0.89	LAA	5	95	77	0	99	99	99
B	»CREDIT XTREME	0.77	LAA	5						
2A	»SPITFIRE 3.57L	0.89	LAA	5	99	89	0	99	99	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	6						
D	»MSO	1.00	PMV	6						
E	»CHEETAH 2.34L	0.53	LAA	11						
F	»WARRANT 3L	1.125	LAA	11						
G	»LIQUID AMS	2.50	PMV	11						
3A	»SPITFIRE 3.57L	0.89	LAA	5	99	98	0	99	99	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.40	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	12						
F	»WARRANT 3L	1.125	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
4A	»SPITFIRE 3.57L	0.89	LAA	5	98	96	0	99	99	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»WARRANT 3L	1.125	LAA	13						
G	»LIQUID AMS	2.50	PMV	13						
5A	»SPITFIRE 3.57L	0.89	LAA	5	99	98	0	99	99	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»LIQUID AMS	2.50	PMV	13						
G	»CHEETAH 2.34L	0.53	LAA	14						
H	»LIQUID AMS	2.50	PMV	14						
6A	»SPITFIRE 3.57L	0.89	LAA	5	98	97	0	99	99	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»NUP-17039 4.25	0.40	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	12						
F	»WARRANT 3L	1.125	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
7A	»SPITFIRE 3.57L	0.89	LAA	5	99	99	0	99	99	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»NUP-17039 4.25	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»WARRANT 3L	1.125	LAA	13						
G	»LIQUID AMS	2.50	PMV	13						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				4.2	5.7	0.0	0.0	0.0	0.0
	STANDARD DEVIATION				1.9	2.6	0.0	0.0	0.0	0.0

TRIAL # US 284/17/01 002 01 : USNFNTLL 261-68
DATA MEAN

TITLE: Panther Pro for Spring Burndown weed control in No-till Liberty-Link Soybean. 261-68
CREATED: 05/02/2017 **REVISED:** 01/04/2018 **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 NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	SETFA CON % 06/01/17	ABUTH CON % 06/01/17	CAPBP CON % 06/01/17	PHBPU CON % 06/01/17	GLXMA CON % 06/08/17	LAMAM CON % 06/08/17
1A	»SPITFIRE 3.57L	0.89	LAA	5	60	65	99	50	0	99
B	»CREDIT XTREME	0.77	LAA	5						
2A	»SPITFIRE 3.57L	0.89	LAA	5	96	98	99	87	0	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	6						
D	»MSO	1.00	PMV	6						
E	»CHEETAH 2.34L	0.53	LAA	11						
F	»WARRANT 3L	1.125	LAA	11						
G	»LIQUID AMS	2.50	PMV	11						
3A	»SPITFIRE 3.57L	0.89	LAA	5	99	99	99	90	0	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.40	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	12						
F	»WARRANT 3L	1.125	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
4A	»SPITFIRE 3.57L	0.89	LAA	5	96	98	99	92	C	C
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»WARRANT 3L	1.125	LAA	13						
G	»LIQUID AMS	2.50	PMV	13						
5A	»SPITFIRE 3.57L	0.89	LAA	5	98	99	99	80	C	C
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»LIQUID AMS	2.50	PMV	13						
G	»CHEETAH 2.34L	0.53	LAA	14						
H	»LIQUID AMS	2.50	PMV	14						
6A	»SPITFIRE 3.57L	0.89	LAA	5	99	98	99	80	0	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»NUP-17039 4.25	0.40	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	12						
F	»WARRANT 3L	1.125	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
7A	»SPITFIRE 3.57L	0.89	LAA	5	98	98	99	97	C	C
B	»CREDIT XTREME	0.77	LAA	5						
C	»NUP-17039 4.25	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»WARRANT 3L	1.125	LAA	13						
G	»LIQUID AMS	2.50	PMV	13						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				16.4	14.1	0.0	19.6	0.0	0.0
	STANDARD DEVIATION				7.7	6.6	0.0	9.2	0.0	0.0

TRIAL # US 284/17/01 002 01 : USNFNTLL 261-68
DATA MEAN

TITLE: Panther Pro for Spring Burndown weed control in No-till Liberty-Link Soybean. 261-68
CREATED: 05/02/2017 **REVISED:** 01/04/2018 **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 NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	SETFA CON % 06/08/17	ERICA CON % 06/08/17	ABUTH CON % 06/08/17	CAPBP CON % 06/08/17	CHEAL CON % 06/08/17	PHBPU CON % 06/08/17
1A	»SPITFIRE 3.57L	0.89	LAA	5	99	99	40	47	47	10
B	»CREDIT XTREME	0.77	LAA	5						
2A	»SPITFIRE 3.57L	0.89	LAA	5	99	99	89	97	99	83
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	6						
D	»MSO	1.00	PMV	6						
E	»CHEETAH 2.34L	0.53	LAA	11						
F	»WARRANT 3L	1.125	LAA	11						
G	»LIQUID AMS	2.50	PMV	11						
3A	»SPITFIRE 3.57L	0.89	LAA	5	99	99	95	96	99	82
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.40	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	12						
F	»WARRANT 3L	1.125	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
4A	»SPITFIRE 3.57L	0.89	LAA	5	C	C	C	C	C	C
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»WARRANT 3L	1.125	LAA	13						
G	»LIQUID AMS	2.50	PMV	13						
5A	»SPITFIRE 3.57L	0.89	LAA	5	C	C	C	C	C	C
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»LIQUID AMS	2.50	PMV	13						
G	»CHEETAH 2.34L	0.53	LAA	14						
H	»LIQUID AMS	2.50	PMV	14						
6A	»SPITFIRE 3.57L	0.89	LAA	5	99	99	97	96	99	80
B	»CREDIT XTREME	0.77	LAA	5						
C	»NUP-17039 4.25	0.40	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	12						
F	»WARRANT 3L	1.125	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
7A	»SPITFIRE 3.57L	0.89	LAA	5	C	C	C	C	C	C
B	»CREDIT XTREME	0.77	LAA	5						
C	»NUP-17039 4.25	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»WARRANT 3L	1.125	LAA	13						
G	»LIQUID AMS	2.50	PMV	13						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				0.0	0.0	11.4	9.4	9.5	17.7
	STANDARD DEVIATION				0.0	0.0	5.3	4.4	4.4	8.3

TRIAL # US 284/17/01 002 01 : USNFNTLL 261-68
DATA MEAN

TITLE: Panther Pro for Spring Burndown weed control in No-till Liberty-Link Soybean. 261-68
CREATED: 05/02/2017 **REVISED:** 01/04/2018 **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 NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 06/15/17	LAMAM CON % 06/15/17	STEME CON % 06/15/17	ERICA CON % 06/15/17	SETFA CON % 06/15/17	ABUTH CON % 06/15/17
1A	»SPITFIRE 3.57L	0.89	LAA	5	0	99	99	99	17	20
B	»CREDIT XTREME	0.77	LAA	5						
2A	»SPITFIRE 3.57L	0.89	LAA	5	0	99	99	99	99	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	6						
D	»MSO	1.00	PMV	6						
E	»CHEETAH 2.34L	0.53	LAA	11						
F	»WARRANT 3L	1.125	LAA	11						
G	»LIQUID AMS	2.50	PMV	11						
3A	»SPITFIRE 3.57L	0.89	LAA	5	0	99	99	99	99	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.40	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	12						
F	»WARRANT 3L	1.125	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
4A	»SPITFIRE 3.57L	0.89	LAA	5	0	99	99	99	90	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»WARRANT 3L	1.125	LAA	13						
G	»LIQUID AMS	2.50	PMV	13						
5A	»SPITFIRE 3.57L	0.89	LAA	5	0	99	99	99	89	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»LIQUID AMS	2.50	PMV	13						
G	»CHEETAH 2.34L	0.53	LAA	14						
H	»LIQUID AMS	2.50	PMV	14						
6A	»SPITFIRE 3.57L	0.89	LAA	5	0	99	99	99	99	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»NUP-17039 4.25	0.40	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	12						
F	»WARRANT 3L	1.125	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
7A	»SPITFIRE 3.57L	0.89	LAA	5	0	99	99	99	89	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»NUP-17039 4.25	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»WARRANT 3L	1.125	LAA	13						
G	»LIQUID AMS	2.50	PMV	13						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				0.0	0.0	0.0	0.0	10.5	10.7
	STANDARD DEVIATION				0.0	0.0	0.0	0.0	4.9	5.0

TRIAL # US 284/17/01 002 01 : USNFNTLL 261-68
DATA MEAN

TITLE: Panther Pro for Spring Burndown weed control in No-till Liberty-Link Soybean. 261-68
CREATED: 05/02/2017 **REVISED:** 01/04/2018 **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 NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	CAPBP CON % 06/15/17	PHBPU CON % 06/15/17	GLXMA CON % 06/21/17	ERICA CON % 06/21/17	SETFA CON % 06/21/17	ABUTH CON % 06/21/17
1A	»SPITFIRE 3.57L	0.89	LAA	5	20	0	0	80	0	3
B	»CREDIT XTREME	0.77	LAA	5						
2A	»SPITFIRE 3.57L	0.89	LAA	5	99	99	0	99	99	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	6						
D	»MSO	1.00	PMV	6						
E	»CHEETAH 2.34L	0.53	LAA	11						
F	»WARRANT 3L	1.125	LAA	11						
G	»LIQUID AMS	2.50	PMV	11						
3A	»SPITFIRE 3.57L	0.89	LAA	5	99	99	0	99	99	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.40	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	12						
F	»WARRANT 3L	1.125	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
4A	»SPITFIRE 3.57L	0.89	LAA	5	99	78	0	99	99	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»WARRANT 3L	1.125	LAA	13						
G	»LIQUID AMS	2.50	PMV	13						
5A	»SPITFIRE 3.57L	0.89	LAA	5	99	94	0	99	98	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»LIQUID AMS	2.50	PMV	13						
G	»CHEETAH 2.34L	0.53	LAA	14						
H	»LIQUID AMS	2.50	PMV	14						
6A	»SPITFIRE 3.57L	0.89	LAA	5	99	97	0	99	99	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»NUP-17039 4.25	0.40	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	12						
F	»WARRANT 3L	1.125	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
7A	»SPITFIRE 3.57L	0.89	LAA	5	99	96	0	99	99	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»NUP-17039 4.25	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»WARRANT 3L	1.125	LAA	13						
G	»LIQUID AMS	2.50	PMV	13						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				10.7	7.8	0.0	3.1	0.9	3.6
	STANDARD DEVIATION				5.0	3.6	0.0	1.4	0.4	1.7

TRIAL # US 284/17/01 002 01 : USNFNTLL 261-68
DATA MEAN

TITLE: Panther Pro for Spring Burndown weed control in No-till Liberty-Link Soybean. 261-68
CREATED: 05/02/2017 **REVISED:** 01/04/2018 **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 NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	CAPBP CON % 06/21/17	PHBPU CON % 06/21/17	GLXMA CON % 06/30/17	ERICA CON % 06/30/17	SETFA CON % 06/30/17	ABUTH CON % 06/30/17
1A	»SPITFIRE 3.57L	0.89	LAA	5	0	0	0	76	0	0
B	»CREDIT XTREME	0.77	LAA	5						
2A	»SPITFIRE 3.57L	0.89	LAA	5	99	92	0	99	97	98
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	6						
D	»MSO	1.00	PMV	6						
E	»CHEETAH 2.34L	0.53	LAA	11						
F	»WARRANT 3L	1.125	LAA	11						
G	»LIQUID AMS	2.50	PMV	11						
3A	»SPITFIRE 3.57L	0.89	LAA	5	99	93	0	99	96	98
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.40	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	12						
F	»WARRANT 3L	1.125	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
4A	»SPITFIRE 3.57L	0.89	LAA	5	99	95	0	99	96	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»WARRANT 3L	1.125	LAA	13						
G	»LIQUID AMS	2.50	PMV	13						
5A	»SPITFIRE 3.57L	0.89	LAA	5	99	96	0	99	98	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»LIQUID AMS	2.50	PMV	13						
G	»CHEETAH 2.34L	0.53	LAA	14						
H	»LIQUID AMS	2.50	PMV	14						
6A	»SPITFIRE 3.57L	0.89	LAA	5	99	92	0	99	96	97
B	»CREDIT XTREME	0.77	LAA	5						
C	»NUP-17039 4.25	0.40	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	12						
F	»WARRANT 3L	1.125	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
7A	»SPITFIRE 3.57L	0.89	LAA	5	99	96	0	99	97	98
B	»CREDIT XTREME	0.77	LAA	5						
C	»NUP-17039 4.25	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»WARRANT 3L	1.125	LAA	13						
G	»LIQUID AMS	2.50	PMV	13						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				0.0	5.2	0.0	4.1	2.7	1.5
	STANDARD DEVIATION				0.0	2.4	0.0	1.9	1.3	0.7

TRIAL # US 284/17/01 002 01 : USNFNTLL 261-68
DATA MEAN

TITLE: Panther Pro for Spring Burndown weed control in No-till Liberty-Link Soybean. 261-68
CREATED: 05/02/2017 **REVISED:** 01/04/2018 **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 NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	CHEAL CON % 06/30/17	PHBPU CON % 06/30/17	GLXMA CON % 07/12/17	ERICA CON % 07/12/17	SETFA CON % 07/12/17	ABUTH CON % 07/12/17
1A	»SPITFIRE 3.57L	0.89	LAA	5	0	0	0	73	0	0
B	»CREDIT XTREME	0.77	LAA	5						
2A	»SPITFIRE 3.57L	0.89	LAA	5	99	89	0	99	93	97
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	6						
D	»MSO	1.00	PMV	6						
E	»CHEETAH 2.34L	0.53	LAA	11						
F	»WARRANT 3L	1.125	LAA	11						
G	»LIQUID AMS	2.50	PMV	11						
3A	»SPITFIRE 3.57L	0.89	LAA	5	99	91	0	99	92	98
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.40	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	12						
F	»WARRANT 3L	1.125	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
4A	»SPITFIRE 3.57L	0.89	LAA	5	99	93	2	99	92	98
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»WARRANT 3L	1.125	LAA	13						
G	»LIQUID AMS	2.50	PMV	13						
5A	»SPITFIRE 3.57L	0.89	LAA	5	99	97	0	99	99	99
B	»CREDIT XTREME	0.77	LAA	5						
C	»PANTHER PRO 4.	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»LIQUID AMS	2.50	PMV	13						
G	»CHEETAH 2.34L	0.53	LAA	14						
H	»LIQUID AMS	2.50	PMV	14						
6A	»SPITFIRE 3.57L	0.89	LAA	5	99	88	0	99	94	93
B	»CREDIT XTREME	0.77	LAA	5						
C	»NUP-17039 4.25	0.40	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	12						
F	»WARRANT 3L	1.125	LAA	12						
G	»LIQUID AMS	2.50	PMV	12						
7A	»SPITFIRE 3.57L	0.89	LAA	5	99	92	0	99	95	95
B	»CREDIT XTREME	0.77	LAA	5						
C	»NUP-17039 4.25	0.50	LAA	9						
D	»MSO	1.00	PMV	9						
E	»CHEETAH 2.34L	0.53	LAA	13						
F	»WARRANT 3L	1.125	LAA	13						
G	»LIQUID AMS	2.50	PMV	13						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				0.4	6.9	1.8	3.6	4.6	3.2
	STANDARD DEVIATION				0.2	3.2	0.8	1.7	2.1	1.5

TRIAL # US 284/17/01 002 01 : USNFNTLL 261-68
DATA MEAN

TITLE: Panther Pro for Spring Burndown weed control in No-till Liberty-Link Soybean. 261-68
CREATED: 05/02/2017 **REVISED:** 01/04/2018 **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 NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	CHEAL CON % 07/12/17	PHBPU CON % 07/12/17
1A	»SPITFIRE 3.57L	0.89	LAA	5	0	0
B	»CREDIT XTREME	0.77	LAA	5		
2A	»SPITFIRE 3.57L	0.89	LAA	5	98	87
B	»CREDIT XTREME	0.77	LAA	5		
C	»PANTHER PRO 4.	0.50	LAA	6		
D	»MSO	1.00	PMV	6		
E	»CHEETAH 2.34L	0.53	LAA	11		
F	»WARRANT 3L	1.125	LAA	11		
G	»LIQUID AMS	2.50	PMV	11		
3A	»SPITFIRE 3.57L	0.89	LAA	5	99	87
B	»CREDIT XTREME	0.77	LAA	5		
C	»PANTHER PRO 4.	0.40	LAA	9		
D	»MSO	1.00	PMV	9		
E	»CHEETAH 2.34L	0.53	LAA	12		
F	»WARRANT 3L	1.125	LAA	12		
G	»LIQUID AMS	2.50	PMV	12		
4A	»SPITFIRE 3.57L	0.89	LAA	5	99	89
B	»CREDIT XTREME	0.77	LAA	5		
C	»PANTHER PRO 4.	0.50	LAA	9		
D	»MSO	1.00	PMV	9		
E	»CHEETAH 2.34L	0.53	LAA	13		
F	»WARRANT 3L	1.125	LAA	13		
G	»LIQUID AMS	2.50	PMV	13		
5A	»SPITFIRE 3.57L	0.89	LAA	5	99	99
B	»CREDIT XTREME	0.77	LAA	5		
C	»PANTHER PRO 4.	0.50	LAA	9		
D	»MSO	1.00	PMV	9		
E	»CHEETAH 2.34L	0.53	LAA	13		
F	»LIQUID AMS	2.50	PMV	13		
G	»CHEETAH 2.34L	0.53	LAA	14		
H	»LIQUID AMS	2.50	PMV	14		
6A	»SPITFIRE 3.57L	0.89	LAA	5	99	76
B	»CREDIT XTREME	0.77	LAA	5		
C	»NUP-17039 4.25	0.40	LAA	9		
D	»MSO	1.00	PMV	9		
E	»CHEETAH 2.34L	0.53	LAA	12		
F	»WARRANT 3L	1.125	LAA	12		
G	»LIQUID AMS	2.50	PMV	12		
7A	»SPITFIRE 3.57L	0.89	LAA	5	99	87
B	»CREDIT XTREME	0.77	LAA	5		
C	»NUP-17039 4.25	0.50	LAA	9		
D	»MSO	1.00	PMV	9		
E	»CHEETAH 2.34L	0.53	LAA	13		
F	»WARRANT 3L	1.125	LAA	13		
G	»LIQUID AMS	2.50	PMV	13		
8A	CHECK	0.00	NA	0	0	0
	LSD (0.05)				0.8	11.4
	STANDARD DEVIATION				0.4	5.3

» **= SUPPLEMENTAL CHEMICAL** **---,M,C,D = MISSING DATA**

*** TIMING CODES**
00 = --- / UNTREATED TIMING
05 = --- / EPP 15 DBP 05/02/2017(1)
06 = --- / EPP 7 DBP 05/08/2017(2)
09 = --- / PREEMERGENCE 05/17/2017(3)
11 = --- / EPOST 06/08/2017(4)
12 = --- / POST 06/08/2017(5)

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*** TIMING CODES**
13 = --- / LPOST 06/16/2017(6)
14 = --- / VLPOST 06/27/2017(7)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	LAMAM	CON %	05/16/2017	02	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	STEME	CON %	05/16/2017	03	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ERICA	CON %	05/16/2017	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	SETFA	CON %	05/16/2017	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	05/16/2017	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	CAPBP	CON %	05/16/2017	05	P	CAPBP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	05/16/2017	09	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	LAMAM	CON %	05/22/2017	02	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	STEME	CON %	05/22/2017	03	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ERICA	CON %	05/22/2017	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SETFA	CON %	05/22/2017	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	05/22/2017	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	CAPBP	CON %	05/22/2017	05	P	CAPBP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PHBPU	CON %	05/22/2017	09	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	GLXMA	CON %	06/01/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	LAMAM	CON %	06/01/2017	02	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	STEME	CON %	06/01/2017	03	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	ERICA	CON %	06/01/2017	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	SETFA	CON %	06/01/2017	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	ABUTH	CON %	06/01/2017	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	CAPBP	CON %	06/01/2017	05	P	CAPBP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	PHBPU	CON %	06/01/2017	09	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	GLXMA	CON %	06/08/2017	01	P	GLXMA	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	LAMAM	CON %	06/08/2017	02	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	SETFA	CON %	06/08/2017	03	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	ERICA	CON %	06/08/2017	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	ABUTH	CON %	06/08/2017	06	P	SETFA	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	CAPBP	CON %	06/08/2017	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
029	CHEAL	CON %	06/08/2017	08	P	CHEAL	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
030	PHBPU	CON %	06/08/2017	09	P	PHBPU	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
031	GLXMA	CON %	06/15/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
032	LAMAM	CON %	06/15/2017	02	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
033	STEME	CON %	06/15/2017	03	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
034	ERICA	CON %	06/15/2017	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
035	SETFA	CON %	06/15/2017	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
036	ABUTH	CON %	06/15/2017	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
037	CAPBP	CON %	06/15/2017	08	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
038	PHBPU	CON %	06/15/2017	09	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
039	GLXMA	CON %	06/21/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
040	ERICA	CON %	06/21/2017	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
041	SETFA	CON %	06/21/2017	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
042	ABUTH	CON %	06/21/2017	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
043	CAPBP	CON %	06/21/2017	08	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
044	PHBPU	CON %	06/21/2017	09	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
045	GLXMA	CON %	06/30/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
046	ERICA	CON %	06/30/2017	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
047	SETFA	CON %	06/30/2017	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
048	ABUTH	CON %	06/30/2017	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
049	CHEAL	CON %	06/30/2017	08	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
050	PHBPU	CON %	06/30/2017	09	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
051	GLXMA	CON %	07/12/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
052	ERICA	CON %	07/12/2017	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
053	SETFA	CON %	07/12/2017	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
054	ABUTH	CON %	07/12/2017	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
055	CHEAL	CON %	07/12/2017	08	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
056	PHBPU	CON %	07/12/2017	09	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

*** SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)**
01 = CZ3737LL

*** STAGE CODE**
12 = 2 LEAVES UNFOLDED
13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED