

## VINE DESICCATION IN POTATO WITH VIDA, 2009

Trial ID: P0909 Study Dir.:  
 Conducted: MONTCALM RSCH STA. Investigator: Christy Sprague

Date Planted: 5/11/09 Row Spacing: 34 IN  
 Variety: SNOWDEN No. of Reps: 4  
 Population: 1/FT % OM: 1.1  
 Soil Type: Loamy Sand pH: 6.0  
 Plot Size: 10 X 20 FT Design: RANDOMIZED COMPLETE BLOCK

Tillage: Spring Disc 3X. Spring Chisel. Field Cultivated.  
 Fertilizer: 20 gal/A of 19-17-0, 12 gal/A of 10-34-0 in Row. 23 gal/A of 28% N at Cultivation. 23 gal/A of 28%N at Hilling. 100 lbs/A of 46-0-0 Broadcast.

## Application Description

	A	B
Application Timing:	SEN	YELL
Date Treated:	8/12/09	8/19/09
Time Treated:	11:00 AM	11:15 AM
% Cloud Cover:	0	20
Air Temp., Unit:	78 F	79 F
% Relative Humidity:	71	46
Wind Speed/Unit/Dir:	2 mph SW	2 mph SE
Soil Temp., Unit:	73 F	70 F
Soil/Leaf Surface M:	5	5
Soil Moist (1=w 5=d):	3	5

## Crop Stage at Each Application

	A	B
Crop Name:	SOLTU	SOLTU
Height (In.):	18	18

## Weed Stage at Each Application

	A	B
Weed 1 Name:	ANGR	ANGR
Weed 2 Name:	CHEAL	CHEAL
Weed 3 Name:	POROL	POROL

## Application Equipment

Appl	Sprayer Type	Speed MPH	Nozzle Type	Nozzle Size	Nozzle Height	Nozzle Spacing	Nozzle Width	GPA	Carrier	PSI
A	BKPK	3.5	FF	8003	29"	20"	100"	20	H2O	30
B	BKPK	3.5	FF	8003	33"	20"	120"	20	H2O	30

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Weed Code							ANGR	CHEAL	POROL
Crop Code							SOLTU	SOLTU	
Rating Data Type							injury	injury	control
Rating Unit							percent	percent	percent
Rating Date							8/15/09	8/19/09	8/19/09
Trt-Eval Interval							3 DASEN	7 DASEN	7 DASEN

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	1	2	3	4	5
1	Vida	.208	L	5.5	fl oz/a	SEN	89	95	95	92	96
1	Reglone	2	L	1	pt/a	SEN					
1	Activator 90		L	0.5	% v/v	SEN					
2	Vida	.208	L	5.5	fl oz/a	SEN	91	86	91	98	98
2	Reglone	2	L	2	pt/a	SEN					
2	Activator 90		L	0.5	% v/v	SEN					
3	Vida	.208	L	5.5	fl oz/a	SEN	46	66	98	100	100
3	Herbimax		L	1	% v/v	SEN					
3	Vida	.208	L	5.5	fl oz/a	YELL					
3	Herbimax		L	1	% v/v	YELL					
4	Vida	.208	L	5.5	fl oz/a	SEN	55	71	98	100	100
4	Herbimax		L	1	% v/v	SEN					
4	Reglone	2	L	2	pt/a	YELL					
4	Activator 90		L	0.5	% v/v	YELL					
5	Reglone	2	L	2	pt/a	SEN	86	94	93	90	98
5	Activator 90		L	0.5	% v/v	SEN					
5	Vida	.208	L	5.5	fl oz/a	YELL					
5	Herbimax		L	1	% v/v	YELL					
6	Vida	.208	L	2.75	fl oz/a	SEN	80	92	96	96	100
6	Reglone	2	L	1	pt/a	SEN					
6	Activator 90		L	0.5	% v/v	SEN					
6	Vida	.208	L	2.75	fl oz/a	YELL					
6	Reglone	2	L	1	pt/a	YELL					
6	Activator 90		L	0.5	% v/v	YELL					
7	Vida	.208	L	5.5	fl oz/a	SEN	83	93	94	95	100
7	Reglone	2	L	1	pt/a	SEN					
7	Activator 90		L	0.5	% v/v	SEN					
7	Vida	.208	L	5.5	fl oz/a	YELL					
7	Reglone	2	L	1	pt/a	YELL					
7	Activator 90		L	0.5	% v/v	YELL					
8	Vida	.208	L	5.5	fl oz/a	SEN	96	90	95	99	100
8	Reglone	2	L	2	pt/a	SEN					
8	Activator 90		L	0.5	% v/v	SEN					
8	Vida	.208	L	5.5	fl oz/a	YELL					
8	Reglone	2	L	2	pt/a	YELL					
8	Activator 90		L	0.5	% v/v	YELL					
9	Reglone	2	L	2	pt/a	SEN	86	83	89	88	95
9	Activator 90		L	0.5	% v/v	SEN					
9	Reglone	2	L	2	pt/a	YELL					
9	Activator 90		L	0.5	% v/v	YELL					
10	Non-Treated						21	0	0	0	0
LSD (P=.05)							15.4	10.6	7.1	10.5	5.9
Standard Deviation							10.6	7.3	4.9	7.2	4.0
CV							14.47	9.53	5.74	8.41	4.55