

## Rutabaga 2001 Trial

**Table X. Treatment evaluation for control of cabbage maggot, *Delia radicum* L., on rutabagas. Planted on July 10, 2001. Canby, OR; OSU-NWREC.**

	Treatment	Rate	% Root Damage <sup>a</sup>
			15 WAP <sup>b</sup> (10-24-01)
1	Untreated seed (thiram only)		32.4 ± 9.9abcd
13	Pyrethrins – Aztec 2.1G	6 oz/1000 row ft	36.7 ± 3.3a
8	Pyrethrins – Asana XL (3 late foliars)	9.6 fl oz/acre	38.6 ± 4.2a
10	Pyrethrins – Force 3G	5 oz/1000 row ft	34.8 ± 2.8ab
9	Pyrethrins –Baythroid 2 (3 late foliars)	2.8 fl oz/acre	33.7 ± 2.4abc
11	Zeta-Cypermethrin, – Mustang 1.5EW (3 late foliars)	4.26 fl oz/acre	19.1 ± 4.5cdef
2	Thiamethoxam – Platinum 25C at planting (low rate)	8 fl oz/acre	32.1 ± 5.0abcd
3	Thiamethoxam-treated seed – Adage 5FS (low rate)	50 g ai/100kg	24.7 ± 2.7abcde
4	Thiamethoxam-treated seed – Adage 5FS (high rate)	100 g ai/100kg seed	20.5 ± 4.2bcdef
15	Neem – Neemix 4.5 (5 foliars)	34 oz/acre	27.5 ± 5.3abcde
12	Neem – Neemix 4.5 (5 foliars)	16 oz/acre	34.8 ± 4.2ab
7	Lorsban 4E (3 late foliars)	1 qt/acre	19.8 ± 8.9def
5	Lorsban 4E at planting (in-furrow)	3.3 fl oz/1000 ft	10.1 ± 3.5f
6	Lorsban 4E (over-the-row, 5 foliars)	1 fl oz/1000 ft	14.8 ± 2.7ef
			<i>F</i> = 3.49
			<i>P</i> < 0.0010

<sup>a</sup>Columns are original means ± SEM. Column means with different letters are significantly different with means separated using the Waller-Duncan multiple range K-ratio t test (*P*=0.05). Damage percentages were transformed to arcsine of the square root of the proportion to stabilize variance. Data for each year were subjected to analysis of variance (ANOVA) general linear models (SAS Institute Inc. 9.1, 2002-2003).

<sup>b</sup>WAP refers to weeks after planting.

Crop	Rutabaga, var. Laurentian
Plant Date	7-10-01
Location	Canby, OR; OSU-NWREC
# Treatments	15
Plot Size	5.5' x 25' bed
Experimental Design	Randomized complete block design
Replication	4
Evaluation Type	Damage assessment based on roots collected from two, 20' rows, <150 per plot
Evaluation Date(s)	10-24-01-Harvest assessment only
Brief result summary	<ul style="list-style-type: none"> <li>The untreated rutabagas planted in summer of 2001, resulted in damage ranging from 14.3 to 55.2%. See Results and Discussion for Turnip Trial 2001</li> </ul>