

Mortality of carrot weevil adults from Hartville, Ohio, tested in parsley lab bioassays (5 weevils per replicate), October 2007.

Product and rate	Registered on parsley?	Active ingredient (and mode of action group)	Number of replicates	Mean % mortality <sup>a</sup> after 5 days
Avaunt 30WG, 3.5 oz/A	yes	indoxacarb (22)	3	100 A
Avaunt 30WG, 6 oz/A	yes	indoxacarb (22)	6	97 AB
Lannate LV 2.4SL, 3 pt/A	yes	methomyl (1A)	6	97 AB
Orthene 97S, 1 lb/A	no	acephate (1B)	6	97 AB
Guthion 50WP, 1 lb/A	yes	azinphosmethyl (1B)	6	93 AB
Malathion 57EC, 2 pt/A	yes	malathion (1B)	3	93 AB
Radiant 1SC, 10 fl oz/A	yes	spinetoram (5)	6	90 ABC
Radiant 1SC, 5 fl oz/A	yes	spinetoram (5)	3	73 BCD
Hero 1.24EC, 10.3 fl oz/A	no	bifenthrin (3) + zeta-cypermethrin (3)	6	72 BCD
Engeo 24.7SC, 6 fl oz/A	no	lambda-cyhalothrin (3) + thiamethoxam (4A)	6	67 CD
Actara 25WDG, 5.5 oz/A	yes	thiamethoxam (4A)	6	62 DE
Calypso 4F, 4 fl oz/A	no	thiacloprid (4A)	6	57 DE
MustangMax 0.8EC, 4 fl oz/A	yes	zeta-cypermethrin (3)	6	48 DE
Assail 30SG, 4 oz/A	yes	acetamiprid (4A)	6	37 EF
Larvin 3.2F, 30 fl oz/A	yes	thiodicarb (1A)	3	20 FG
Warrior 1EC, 3.84 fl oz/A	no	lambda-cyhalothrin (3)	3	20 FG
Evergreen EC60-6, 16 fl oz/A	yes	pyrethrins + PBO (3)	3	0 G
Water	-	-	6	0 G

<sup>a</sup> Means followed by the same letter are not significantly different ( $P > 0.05$ ); mean separations by LSD.

-Celeste Welty, 1/24/2008