





# Technical Bulletin for: Spotted Cucumber Beetle

*Diabrotica u. howardii* (L) Coleoptera: Chrysomelidae • DIAUHO



<b>DISTRIBUTION</b>	Native to Central and South America and southern United States. Introduced into Africa, including Kenya, Rwanda, Uganda, South Africa and Malawi among others.
<b>HOSTS</b>	Cucumber, cantaloupes, corn, winter squash, pumpkin and watermelon.
<b>DESCRIPTION</b>	
<b>ADULT MOTH</b>	Bright yellowish-green about 6mm long.
<b>LARVAE</b>	White, with some yellow about 13-19mm long
<b>EGGS</b>	Oval orange-yellow eggs about .6mm long are found in clusters of 25 to 50 on undersides of host leaves.
<b>LIFE HISTORY</b>	As soon as cucumber, squash, or melon vines appear, beetles devour cotyledons and stems. Females of the overwintering generation lay eggs from late April through early June, each female depositing as many as 500 eggs. Depending on temperature, eggs incubate for 7 to 10 days before hatching. Larvae feed in the soil on stems and roots for 2 to 4 weeks before pupating. First generation adults emerge from late June to early July. Two generations per year.

## MONITORING INFORMATION

<b>LURE, FIELD LIFE</b>	Coaster lure packet, field life: thirty (30) days. 
<b>TRAP TO USE</b>	Yellow Sticky Card 
<b>MONITORING STRATEGY</b>	Attach lure to the top of the sticky card and hang two feet above the top of the host plant. For monitoring purposes, use one trap per 2000 square feet of garden. For trapping, use one trap per 400 square feet. Check with Cooperative Extension or Master Gardener for local information and recommendations.
<b>CULTURAL &amp; PHYSICAL CONTROL</b>	Clean the store between harvests, removing and burning infested residues, immersing grain sacks in boiling water and removing wood from stores or fumigating the store to eliminate residual infestations and the selection of only not infested material for storage

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insect monitoring systems

Alpha Scents, Inc., 1089 Willamette Falls Drive, West Linn, OR 97068  
TEL: 503-342-8611 • FAX: 314-271-7297 • sales@alphascents.com • www.alphascents.com