



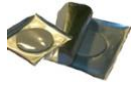

Technical Bulletin for: Western Striped Cucumber Beetle

Diabrotica u. undecimpunctata (Mannerheim) • Coleoptera, Chrysomelidae • DIAUUN



DISTRIBUTION	North and Central America
HOSTS	Various cucurbit (cucumber, squash) species
DESCRIPTION	
Adult	Roughly 6 mm in length, Yellowish-green body with black longitudinal stripes, with black heads and yellow thoraces.
Larvae	Yellow-tinged white, 6-8 mm long with black abdominal spines.
Eggs	Oval, yellowish-white, 0.6 mm long.
LIFE HISTORY	Overwintering is done in the egg stage within the soil. Larvae hatch in late May or early June and begin to feed on corn roots. After 3 instars, larvae pupate in the soil then emerge as adults in July and August.

MONITORING INFORMATION

LURE ACTIVE INGREDIENTS, SUBSTRATE & FIELD LIFE	Indole, trans-Cinnamaldehyde and 1,2,4-trimethoxybenzene in a Coaster Lure Packet. Lure longevity: Thirty (30) days.	
TRAP TO USE	Yellow Card	
MONITORING STRATEGY	Sticky traps should be placed horizontally near plants spaced at least 100 feet apart over a field. The number beetles on traps is recorded each time the traps are changed. The traps are typically changed every seven days but can last 30 or more days without significant reduction in catching ability. Since adult emergence can stretch over a period of 6-9 weeks, the traps should remain in the field for 6-9 weeks. If the economic threshold for yellow sticky traps of 6 beetles per day is reached there is a high potential for problems the following spring.	
CULTURAL & PHYSICAL CONTROL	Planting with variety, crop rotation, and early planting are all preventative measures.	

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