

Cucumber Beetle Lure

Description:

Cucumber Beetles are a major problem wherever squash, cucumbers, watermelon, pumpkin and other cucurbits are grown. Beetles can kill or severely stunt seedlings and on older plants damage stems and fruits. The beetle is well known for transmitting bacterial wilt, and some viruses. Gummy stem blight is also associated with beetle damage. Larvae feed on roots reducing yield.



A new lure has been developed that can be used to trap multiple species of cucumber beetles. The attractant is effective for:

[Striped cucumber](#) (*Acalymma vittatum*),

[Western striped](#) (*A. trivittatum*),

[Spotted cucumber](#) (*Diabrotica undecimpunctata howardi*),

[Western spotted cucumber beetle](#) (*D. undecimpunctata undecimpunctata*).

Place lure on or very near to yellow sticky trap. Use one trap with lure per 2,000 sq.ft. for monitoring or one trap/lure per 400 sq.ft. for trapping. Replace when filled with beetles or dirty.

Recent tests:

Treatment was lure placed with yellow sticky card. Untreated control was no lure on yellow sticky card.

Trial 1. Untreated and treated spaced 8' apart. Approx 3.5 times as many beetles were caught with lure treatment. Probably the 8 ft spacing was too close and beetles caught on untreated were brought in because of lure on the treated trap.

Trial 2. Traps were spaced further apart. The treated trap caught 100 beetles and the untreated 1.

Trial 3. VPI University. Low population in squash field. 45 day trial. Five treated cards:49 beetles; 5 untreated cards: 3 beetles.

The cucumber beetle lure attracts for 3-4 weeks depending on temperature.