

Optimization of a Chemical Attractant for *Epicometis (Tropinota) hirta* Poda

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In field trapping tests in Hungary cinnamyl alcohol (3-phenyl-2-propen-1-ol) and *trans*-anethole [(1-methoxy-4-(1-propenyl)benzene)] attracted significantly more adult *Epicometis (Tropinota) hirta* (Coleoptera, Scarabaeidae, Cetoniinae) when presented together in the same bait compared to the single compounds. Best attraction was recorded by a 1:1 mixture. Addition of other common floral scent compounds, *i.e.* 3-methyl eugenol, 4-methoxy-cinnamaldehyde, anisylacetone, β -ionone, cinnamyl acetate, cinnamic aldehyde, eugenol, indole, 2-phenylethanol or phenylacetaldehyde did not influence catches. The binary cinnamyl alcohol/*trans*-anethole bait described in this study is recommended for use in traps of *E. hirta* for agricultural purposes.

Key words: *Epicometis (Tropinota) hirta*, Cinnamyl Alcohol (3-Phenyl-2-propen-1-ol), *trans*-Anethole [(1-Methoxy-4-(1-propenyl)benzene)]