





Technical Bulletin for: Dried Fruit Beetle

Carpophilus spp. (Linnaeus) • Coleoptera, Curculionidae • CARPOP



DISTRIBUTION	Worldwide, especially where fruit is grown.
HOSTS	Stone fruit, plum, apricot, stored fruit, maize and fig.
DESCRIPTION	
ADULT	Can be yellow, brown or black and are approximately 3 mm in length.
LARVAE	White to yellowish with a brown head about 5 mm in length when fully mature.
EGGS	Eggs are laid only in damaged or rotted fruit.
LIFE HISTORY	There may be a new generation every three weeks. Adults live for an average of three months. A female lays an average 1000 eggs, which hatch in 2-3 days. The larval stage lasts 6-8 days and pupation 5-7 days.

MONITORING INFORMATION

LURE ACTIVE INGREDIENTS, SUBSTRATES & FIELD LIFE	Ethanol; ethyl acetate; 3-methyl-1-butanol; acetaldehyde; 2-methyl-1-propanol and 2-methyl-1-butanol in a black LDPE pouch. Lure Longevity: 60-90 days.	
TRAP TO USE	Green or Multi-color Uni-Trap	
MONITORING STRATEGY	Place traps prior to fruit ripening and check traps at least twice per week. Check with Cooperative Extension or Master Gardener for local information and recommendations.	
CULTURAL & PHYSICAL CONTROLS	Sanitation is critical to keeping populations in check. Remove fallen fruit regularly during summer to break the life cycle. Mulching can help. Control other pest so as to minimize the amount of damaged fruit.	

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