

Thresholds and Monitoring

SEASONAL OVIPOSITION PREFERENCE OF CODLING MOTH BETWEEN CUT AND INTACT FRUIT OF BARTLETT AND BOSCH PEAR CULTIVARS

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Keywords: codling moth, *Cydia pomonella*, pears, oviposition preference

Abstract: Oviposition was monitored weekly comparing intact and cutfruit cluster samples in an orchard with adjacent Bartlett and Bosc cultivars in the Sacramento Valley. In six weekly samples prior to May 23 (965 degree days, 53 days before first Bartlett harvest), oviposition was slightly more frequent in the intact fruit clusters compared with the cutfruit clusters. Beginning May 23 through July 18 (2461 degree days, 3 days after first Bartlett harvest), cutfruit clusters became much preferred oviposition sites over intact fruit clusters. Intact Bosc were preferred over Bartlett in the late season, also.

Ratio, % Oviposition		Early Season		Late Season		P
		Mean	SE	Mean	SE	t-test
Cut: Intact	Bosc: Bosc	-2.67	1.23	9.48	4.39	0.05
	Bart: Bart	-3.67	1.31	71.44	33.69	0.10
	Bosc: Bart	-1.67	0.96	75.44	22.52	0.02
Intact: Intact	Bosc: Bart	1.00	1.98	19.00	6.79	0.06