

Section IV

Root-feeding Maggots, Soil Arthropods and other problems

RESPONSE OF CURRANT BORER TO THE SYNTHETIC PHEROMONE OF THE STRAWBERRY CROWN MOTH

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A synthetic sex-attractant of the Strawberry Crown Moth, Synanthedon bibionipennis, was tested for its attractiveness to the Currant Borer, S. tipuliformis. The attractant, which is produced by Trece, Inc., was placed in Pherocon 1C traps in two plantings of cherry currants and unbaited 1C traps were used as controls. The trapping data tabulated below indicates that Currant Borer are attracted to a mixture of 3,13-octadecadien-1-ol and 3,13-octadecadien-1-ol acetate—the pheromone components identified for the Strawberry Crown Moth.

Synanthedon tipuliformis Trap Catches (No. moths/trap)

A. Griesenhauer Farm			B. Weeks Berry Nursery		
<u>Date</u>	<u>Baited</u>	<u>Unbaited</u>	<u>Date</u>	<u>Baited</u>	<u>Unbaited</u>
6/30	Start	Start	7/2	Start	Start
7/2	2	1	7/3	0	0
7/7	3	0	7/6	2.0	0
7/16	7	0	7/10	1.7	0
7/23	22	0	7/17	8.3	0
			7/24	1.3	0
			8/14	0.1	0