

PYRETHROIDS AGAINST ADULT BLACK VINE WEEVIL

C. H. Shanks and J. C. Chamberlain
Southwestern Washington Research Unit
1919 N. E. 78th Street
Vancouver, WA 98665

The pyrethroid insecticides fenvalerate, permethrin, and cypermethrin were tested against the adult black vine weevil, Otiorhynchus sulcatus (F.), in the laboratory. Permethrin was the most active against this insect. Many weevils, including some apparently dead, recovered from the treatments. Exposure to wet freshly treated leaves was more effective than exposure to treated leaves that had dried, especially with fenvalerate. Weevils from Bellingham, Wash. were more susceptible to fenvalerate than weevils from Vancouver, Wash.