

Chemical Control/New Products

Efficacy of Insecticides for Tetranychid Mites

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*Keywords:* twospotted spider mite, *Tetranychus urticae*, western predatory mite, *Galandromus occidentalis*, *Zetzellia mali*, apple rust mite, *Aculus schlechtendali*, Envidor, spiroadiclofen, Acramite, bifenazate, FujiMite, fenpyroximate, Zeal, etoxazole, Pyramite, pyridaben, Agri-Mek, abamectin

*Abstract:* These tests (same treatments) were conducted in two different apple orchards, a commercial orchard in Mattawa and an experimental orchard in Wenatchee. Both tests had high populations of twospotted spider mites. Acramite provided fast knockdown and excellent residual control of the mite populations. Agri-Mek and Zeal also provided good control but not as good as Acramite. Pyramite and FujiMite were slower still; however, it should be noted that the rate of Pyramite was below that suggested on the label for this mite species. Envidor was applied 5 days after the other materials in one test, at the peak population of ca. 170 mites/leaf; however, by 6 DAT the 18 fl oz rate (with or without oil) had reduced the mites to <1/leaf. In the second test, Envidor was applied on the same date as the other material and provided good control by 6 DAT. There was marginal evidence that Agri-Mek, Pyramite and FujiMite were toxic to predatory mites.