

The Effect of Azadirachtin Compound on Different Developmental Stages of *Frankliniella occidentalis*, *Myzus persicae*, and *Tetranychus urticae*

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The effects of azadirachtin compound on egg hatching, mortality of larva and adults of the western flower thrips, *Frankliniella occidentalis* (Pergande) (Thysanoptera: Thripidae), the green peach aphid, *Myzus persicae* (Sulzer) (Homoptera: Aphididae), and the two-spotted spider mite, *Tetranychus urticae* (Koch) (Acarina: Tetranychidae), were tested in a laboratory condition. Treatments of azadirachtin on eggs of the three insect pests affected larval emergence and the time to larval emergence. When 500× azadirachtin was treated, larval and adult mortalities were 90.0% and 90.0% in *F. occidentalis*, 90.0% and 86.7% in *M. persicae*, and 93.3% and 90.0% in *T. urticae* at 3 days after treatment. The insecticidal effect of the azadirachtin compound was highest at 2~3 days after treatment.