

Chemical Control/ New Products

TRUE BUG CONTROL WITH NICOTINOIDS IN PEARS

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Abstract: A trial was conducted to evaluate the efficacy of five neonicotinoid insecticides (Actara, Provado, Calypso, Assail and V-10066) for control of *Lygus* in pears. *Lygus* was caged on pear foliage at 0, 7, 14 and 21 days after treatment (DAT) for 1, 4 and 7 days of exposure (DOE). All insecticides provided excellent control at 0 DAT. V-10066 provided excellent control at 14 DAT and 4 DOE and gave consistently greater *Lygus* mortality than the other neonicotinoid insecticides. Based on this and past years' research, V-10066 would be the most effective replacement for Carzol or Dimethoate.