

Chemical Control/New Products

Chemical Control of Thrips

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*Abstract:* In a commercial orchard field trial, Carzol provided excellent control of thrips and pansy spot, although the residues apparently ran out about 2 weeks after application. The next most promising treatment was a split application of a low rate (1.7 oz/acre) of Assail. This treatment provided good thrips control after the second of 2 applications and provided control of fruit damage equivalent to Carzol. The two high rates (100 and 200 gpa) and the low rate (single application at king bloom) provided less control. In potted tree bioassays, ATS and lime-sulfur+oil had no effect on thrips mortality (3 DAT), while Carzol, Success and Entrust significantly reduced populations. In a second bioassay, only Carzol reduced the population significantly in relation to a water check; however, Success and Entrust caused a (nonsignificant) population reduction. Tide laundry detergent did not reduce thrips populations.