

**Toxicity of Pesticides to *Iphiseius degenerans*
(Acarina: Phytoseiidae)**

Bounfour M.(1), L.K. Tanigoshi(2), J.D. Stark(3) and A.L. Antonelli (3)

Abstract:

Iphiseius degenerans is a promising predator for Western Flower Thrips and TwoSpotted Spider Mite. It has been introduced to Washington from California for thrips and spider mites control on ornamentals under greenhouses.

Its susceptibility to some commonly used pesticides on ornamentals under greenhouses was investigated. *I. degenerans* has been found to be more susceptible to neurotoxic chemicals than to metabolic poisons. However, Thrips and Two Spotted Spider Mite were more tolerant to those chemicals than the predator.

- 1: Washington State University, Department of Entomology,
Pullman, WA 99163-6382
- 2: Washington State University Research & Extension Unit,
Vancouver, WA 98665-9752
- 3: Washington State University Research & Extension Center,
Puyallup, WA 98371-4998