

Section VIII: Mites and Sap-sucking Insects

SPATIAL DISTRIBUTION OF SPIDER MITES
(ACARINA: TETRANYCHIDAE) ON RED RASPBERRY PLANTS.

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Abstract:

Field surveys carried in 1995 and 1996 indicated that phytoseiid mites, mainly *Neoseiulus fallacis* Garman, regulate twospotted spider mites (TSSM), *Tetranychus urticae* Koch and yellow spider mite (YSM), *Eotetranychus carpini borealis* (Ewing) populations (Figure 1).

We also found that within plant distribution of twospotted spider mite is effected by the distribution of yellow spider mite and phytoseiid mites ($p > 0.0001$), indicating that competition and predation are important factors in twospotted spider mite population dynamics in raspberry fields in Northwest Washington.

