**Potato Leafhopper Control, 1989:** Treatments were evaluated on a 4-yr-old alfalfa stand at the Delaware State College farm in Dover. Plots were 10 by 25 ft, arranged in a randomized complete block design, and replicated 4 times. Treatments were applied 26 Jul with a CO2-pressurized ATV 4-wheeled sprayer delivering 27 gal water/acre at 40 psi to 6-inch-tall alfalfa. PLH density was evaluated prior to treatment and at 2, 7 and 14 DAT by taking 5 sweeps/plot with a 15-inch-diam sweep net.

Populations were moderate in the experimental plots. All treatments significantly reduced PLH populations until 12 DAT. No phytotoxicity was observed.

**Alfalfa: Medicago sativa L. 'Saranac AR'**

Potato leafhopper (PLH); *Empoasca fabae* (Harris)

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means followed by the same letter are not significantly different (P = 0.05; DMRT).

**Alfalfa Weevil Control, 1989:** Treatments were evaluated on a 4-yr-old alfalfa stand at the Delaware State College farm in Dover. Plots were 10 by 25 ft, arranged in a randomized complete block design, and replicated 4 times. Treatments were applied on 20 Apr with a CO2-pressurized ATV 4-wheeled sprayer delivering 17 gal/acre at 40 psi on 12-inch-tall alfalfa. AW density was evaluated prior to treatment and at 4, 7 and 14 DAT by collecting 10 stems from each plot and counting the larvae per stem.

Larval populations were moderate in the experimental plots. All treatments provided significantly better control than found in the untreated control plots. No phytotoxicity was observed.

**Alfalfa: Medicago sativa L. 'Saranac AR'**

Alfalfa weevil (AW); *Hypera postica* (Gyllenhal)

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