

1986 RESEARCH PROPOSALS

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1. An expanded program using bait plants is need in 1986 to further confirm the extent of early season leafroll spread.
2. During May a survey of Prunus spp. will be conducted to establish which trees are successfully producing the spring generation of green peach aphids. Informal survey of Rosaceae plants (Rose family) will also be initiated to begin identifying overwintering hosts of the potato aphid.
3. Insecticide trials comparing materials for aphid control will again be conducted. Potato psyllid control will also be evaluated when psyllid populations are present.

Evaluation of soil insecticides for possible interaction effects with Sencor herbicide treatment will also be repeated.

4. The impact of various cultural practices on aphid colonization and virus spread will be continued.
5. The reaction of eight potato varieties to potato psyllid will be evaluated.

FUNDING REQUEST

Labor	\$2620.00
Plot maintenance, supplies	350.00
Travel	1000.00
Greenhouse, office supplies, reporting costs	<u>450.00</u>
Total	\$4420.00