

Research Proposal for 1987

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- 1) To continue the leafroll evaluation program on the new numbered lines. In-field inoculations with viruliferous aphids and subsequent grow-out of the daughter tubers in Oceanside, Ca. and in the San Luis Valley will be utilized. The plots examining natural in-field spread of leafroll to these clones and comparison cultivars will be continued also. Results from these plots should indicate the intensity and timing of leafroll symptom development with each of the numbered lines and the potential for in-field leafroll spread as compared to cultivars already being grown.
- 2) To continue studies with bacterial ring rot symptom expression in potatoes as related to early season stress conditions. These studies should help in understanding some of the factors which lead to the timing of ring rot symptom expression in the field.

	<u>Budget request</u>
Labor	\$1200.00
Supplies	300.00
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Total request	\$1500.00