



MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE

Recommendation Sheet No. 70

(October 1992)

INSECTICIDAL CONTROL OF THE LEAF MINER *LIRIOMYZA HUIDOBRENSIS* ON POTATOES

Following results obtained on trials carried out by the MSIRI, the following treatments are recommended to control leaf miners - both *Liriomyza huidobrensis* and *L. trifolii* - on potatoes.

- A. At 30 days after planting, if high populations of flies are present and/or there are visible signs of mining (check lower leaves):

Methamidophos at 600 cc a.i/ha

- B. At 40 days after planting, if flies and/or mines persist:

Cyromazine at 106 g a.i/ha

or

Abamectine at 4.5 g a.i/ha

(in case of severe infestation, use preferably abamectine)

- C. Repeat treatment B every 10-15 days, if necessary, alternating the two products, if possible.

Note:

1. At present, cyromazine is available under trade mark Patron or Trigard, while abamectine is available under trade mark Vertimec.
2. All rates given for FULL STAND.
3. Safety intervals for potatoes:
cyromazine: 28 days prior to harvest
abamectine: 14 days prior to harvest
4. Abamectine is highly toxic and its use necessitates extra care