

## Flood spraying with Lebaycid<sup>®</sup>

### An update to the sampling requirements with flood spraying for fruit fly

To gain interstate market access all fruit classified as; tropical and sub-tropical fruits with inedible peel and fruiting vegetables (including cucurbits) must be treated with Lebaycid<sup>®</sup> (fenthion) or dimethoate under the Interstate Certification Assurance (ICA) operation procedures. A complete copy of the operational procedure for Flood spraying with fenthion or dimethoate can be obtained from the Queensland Department of Primary Industries and Fisheries website:

[www.dpi.qld.gov.au/extra/ica/procedures/ica/ica-02/ICA-02.pdf](http://www.dpi.qld.gov.au/extra/ica/procedures/ica/ica-02/ICA-02.pdf)

The ICA-2 states that the concentration of fenthion must be maintained within  $\pm 15\%$  of the required concentration at all times. The business must verify the ability to achieve and maintain spray concentrations by providing the results of analyses of samples of a spray mixture from an approved laboratory.

Samples shall be gathered and tested; once prior to initial approval of the facility, and at least annually during each season thereafter. Further samples are required during the season where there is a difference in the method of processing fruit, or in chemical or other treatments applied to fruit prior to flood spraying.

This product bulletin provides an update on;

- The sample submission form,
- The day of analysis,
- Types of containers, and
- The labeling required when sending fruit fly treatment samples for analysis.

(This information is based on that supplied by Queensland Health Scientific Services (QHSS))

When submitting samples, it is necessary to complete a 'Fruit Fly Chemical Treatment Samples for Analysis' form for each sample. The form has recently been updated by QHSS. Please use the June 2004 version.

It is strongly recommended that glass bottles be used for sample collection. Suitable containers have been prepared by Scientific Services and are available from local DPI&F plant health officers, at no cost. **Plastic bottles are unsuitable and may return a low result as fenthion may 'stick' to the plastic.**

Prior to taking the sample, ensure the mixture has been adequately agitated. Samples should be refrigerated for a minimum of 4 hours, or preferably overnight, and kept cool during transport (e.g. cooler bricks in an esky) to prevent deterioration of the sample. Samples should be dispatched early in the week, in order to reach the laboratory before Thursday for analysis. **Please note the analysis day is now Thursday.**

When labeling bottles please provide the following information on laboratory and non-laboratory supplied bottles.

QUEENSLAND HEALTH  
SCIENTIFIC SERVICES  
39 Kessels Road  
Coopers Plains Q 4108

**SOLVENT - WASHED** MY FRUIT FARM  
Unique Sample Identification Number MFF 1/2004  
Preservatives Added  
Preservative Batch Numbers  
Analysis Required Dimethoate  
Date 5/5/04 By A. Farmer  
O.H.S.S. Identification Number 0264

This number relates to the batch of bottles, and does not relate to your sample. Please do not use it as your sample number.

Firstly, write your farm or company name plus your IP number (e.g. Q1234) on the label.

Secondly, add your sample number.

Thirdly, write in what you want the sample tested for.

Fourthly, write in the date that you took the sample, and the name of the person who took it.

Lastly, complete a sample submission form for each sample.

Sample bottles should be placed into separate plastic bags, wrapped in cushioning material and placed into robust packaging. For delivery, address your samples to:

Queensland Health Scientific Services  
Pesticide Laboratory  
PO Box 594  
Archerfield Qld. 4108

Queensland Health Scientific Services  
Pesticide Laboratory  
39 Kessels Road  
Coopers Plains Qld. 4108

Results of the sample will be entered on the sample analysis form and returned to the business. For further information please contact Nigel Dennison, Team Leader Environmental Contaminants, on 07 3274 9088, or Bayer CropScience Technical Hotline on 1800 804 479

® Registered trademark of Bayer.

