

## **PAN Alert #2, April 22, 2004 Grasshopper Forecasting**

Dan Johnson, University of Lethbridge is conducting a basic hopper survey (mainly hatching and identification). Dan will make several collecting trips across the Prairies in April, May and June to collect information on egg location and approximate densities, state of embryonic development, vegetation damage, early hopper mortality, and evidence of natural enemies and controls. Dan hopes to use this data to refine grasshopper predictions in the future.

If you spot any significant hopper activity, or situations, which seem to be affecting the hopper population, please advise the PAN coordinator.

An excellent site to review updated forecasts and information on species identification is: [www.uleth.ca/~dan.johnson](http://www.uleth.ca/~dan.johnson)