Goldencreeper Control: Callisto + Atrazine

Mike Cowbrough\textsuperscript{1}, Annalee Winter\textsuperscript{2}

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APPLICATION TIMING: Callisto (85 ml/ac) + Aatrex Liquid (235 ml/ac) + non-ionic surfactant (0.2\% v/v) was applied to six leaf corn on May 13th, 2008 to control common lamb’s-quarters and pigweed. Two distinct patches of goldencreeper were also present in the field, thereby giving an opportunity to evaluate the effectiveness of Callisto + Aatrex Liquid on this weed species.

STAGING OF GOLDENCREEPER: Goldencreeper was 10-15 cm tall and 20-30 cm wide in a creeping stature at the time of application.

OBSERVATIONS:
- Good initial bleaching and necrosis (browning) of leaf tissue at 21 days after application.
- By 42 days after application, goldencreeper had outgrown any Callisto + Aatrex Liquid injury and appeared unaffected.

SUMMARY:
- The underground tuber reproductive system of goldencreeper makes chemical control difficult to achieve.
- Callisto + Aatrex Liquid was not an effective control option for goldencreeper.
- Removal of small tubers using a potato digger will likely provide the most effective control of this weed species.

Agricultural Information Contact Centre: 1-877-424-1300 E-mail: ag.info.omafra@ontario.ca

\textsuperscript{1}Ontario Ministry of Agriculture, Food and Rural Affairs (Guelph) \textsuperscript{2}Department of Plant Agriculture, University of Guelph (Guelph Campus)