



MUCK CROPS RESEARCH STATION IPM 2011

This is the Muck Crops Research Station Report and IPM Information for Friday May 6, 2011

The last two days were relatively warm with no rain around the Holland Marsh, which gave most growers a chance to seed their onions. Barley can be used to reduce wind erosion in onions by broadcasting barley at a rate of 50 to 55 lbs/acre. A total of 8.3 mm rain was accumulated between May 1 and 3 at our weather station. For May 5 at the Research Station the soil temperature at 5 and 10 cm depth was 8.2, 7.1 and 6.2°C.

Onion Herbicides recommendations can be found in Publication 75 the “Ontario Guide to Weed Control” on pages 225-227. Prowl can be applied to onion transplants once they are established, usually a good 10 days after transplant once the roots have begun to spread and establish. Goal can also be applied once the transplants are established. The onions should be exposed to one or better yet two sunny days before application.

Herbicide Resistant Pigweed Project

This project is being conducted to determine the extent of pigweed resistance to Group 7 (Lorox - linuron) and Group 5 (Gesagard/Sencor -prometryn/metribuzin) herbicides in Ontario. We will be contacting growers over the next several weeks. Participating growers will have pigweed plants collected from their carrot fields and tested for resistance development. They will also be required to fill in a questionnaire regarding their herbicide usage over the past two or more years. Farmers will be provided with recommendations. If there are any questions, contact Bridget Visser by calling the MCRS or email: bvisser@uoguelph.ca.

ANY QUESTIONS OR COMMENTS? Call Michael or Mary Ruth McDonald at 905-775-3783

