



MUCK CROPS RESEARCH STATION IPM 2011

This is the Muck Crops Research Station Report and IPM Information for Wednesday October 12, 2011

Almost all of the onions in the Holland/Bradford Marsh have been harvested. It is important that onions are dried, and then cooled properly for storage to reduce the risk of bacterial rot and botrytis neck rot and to maintain the quality.

Day and night temperatures will start to cool down this week with highs of teens. There is a possibility of rain showers for the coming three days and no risk of frost until early next week. The soil temperature at the Muck Crops Research Station at 5 and 10 cm depth is currently 16.4°C. No rain fell between October 4 and 11.

Carrots rust fly numbers are very low and are not a concern especially if carrots are 3 weeks or less from harvest.

Growers should monitor your fields for leaf blight, sclerotinia rot and other diseases. Leaf blight progress will slow down with cold night temperatures. If carrots are currently being harvested or to be harvested in the coming few days, growers should put into consideration the maximum application per season and the pre-harvest interval when applying fungicides.

Growers should monitor your fields regularly for symptoms of Sclerotinia in between the rows underneath the lodged leaves. Development of the disease in the field occurs under cool, wet conditions. Spores and white mycelium that cause the disease have been seen on the marsh. Risk of Sclerotinia on carrot fields at this moment is moderate to high.

The Pest Management Regulatory Agency (PMRA) announced the approval of User Requested Minor Use Label Expansion (URMULE) registration for ALLEGRO 500F (fluazinam) fungicide for control of leaf blight and Sclerotinia rot (white mould) on carrots. Consult the label for specific disease timings and do not apply within 7 days of harvest for carrots.

For post harvest control of Sclerotinia, an emergency use registration for SCHOLAR fungicide has been announced by PMRA. Scholar is only effective when applied to washed carrots. Scholar can be applied as a post-harvest dip or drench immediately before storage. Follow the labels carefully.

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

