

Ridgetown Resource Centre
P.O. Box 400, 120 Main St. East
Agronomy Building, Ridgetown College
Ridgetown ON, N0P 2C0
Tel: (519) 674-1616
Fax: (519) 674-1564

VEGETABLE CROP UPDATE

VINE CROPS EDITION

July 9th, 2007

Prepared by: Elaine Roddy, Vegetable Crop Specialist

New Fungicide Registration

Friday was a good news/bad news day. The good news is that we received a full minor use registration for Ranman 400 SC fungicide. This product is an excellent addition to our downy mildew control tool box.

For optimum downy mildew control, apply Ranman preventatively in rotation with Tanos 50 DF and Tattoo C. As with all fungicides, Ranman is most effective when applied prior to the onset of disease symptoms. This new registration is particularly timely, as Ranman 400 SC has a 1-day pre-harvest interval, allowing growers to continue a strong preventative program during the harvest season.

Apply Ranman 400 SC at a rate of 62-83 mL per acre (150 to 200 mL per hectare). Use the high rate under moderate-to-heavy disease pressure or if downy mildew has been identified in the area. Ranman 400 SC fungicide should be tank-mixed with Sylgard 309 surfactant at 62 mL per ac (150 mL per ha). Ranman 400 SC Fungicide can be applied up to 6 times per season. Do not apply Ranman more than once before alternating with a fungicide from a different chemical family.

Two New Cases of Downy Mildew in Ontario

The bad news is that we had two new reports of downy mildew in the province, one in the Langton area and one near Walsingham. Both infected fields are pickling cucumbers. The symptoms first appeared after the rains went through the area on Tuesday/Wednesday last week.

These two new cases emphasize the need for all growers to be following a strict 5-7 day fungicide schedule using Tanos 50 DF, Ranman 400 SC and Tattoo C. Use the shorter interval on fields with poor airflow and areas receiving heavy dews or sporadic rainfall. If possible apply a downy mildew fungicide **before** a rainfall or irrigation event.

Apply fungicides in high water volumes (30-60 gal/ac) to ensure good spray coverage.

The Vegetable Crop Update is sponsored by:



*Ontario Processing
Vegetable Growers*

