

VegNet Vol. 4, No. 18. July 2, 1997
Ohio State University Extension Vegetable Crops

QUADRIS REGISTERED on Tomatoes R. M. Riedel

We have received an Ohio label for Quadris. Product will be arriving to Ohio soon! For growers who intend to use Quadris, DSV spray intervals should remain the same as a Chlorothalonil program. Quadris is a new class of chemical. It has broad spectrum activity on tomato. It has given very good control of Early Blight, Septoria Leaf Blight, and Pythium ground rot in our tests. Quadris gives good control of Anthracnose and Late Blight on tomato, and gives control of Powdery Mildew on other crops, the latter has not been tested in Ohio. Quadris also has low toxicity to mammals. On a calendar schedule Quadris will likely be applied on a 10-14 day schedule. At no time apply more than four consecutive Quadris treatments. Since Quadris is a new material growers, should familiarize themselves with the fungicide by applying it to a small portion of their acreage to compare its efficacy and effects on quality with their traditional disease control program. Supplies of Quadris in Ohio will be limited this year. See VegNet #5, March 26, for some suggested spray programs.

OHIO PESTICIDE CONTAINER RECYCLING UNDERWAY

From PEP-TALK by Camille Roush-Kopczewski & Joanne Kick- Raack, Pesticide Applicator Training

Dealers and elevators in more than 30 counties have agreed to serve as collection sites for used pesticide containers this summer. Recycling uses these containers in an environmentally friendly way, keeping the containers off the farm and out of landfills.

County agents should have a listing from the Department of Agriculture of all the collection sites and times in Ohio. If you would like to set up a site in your county contact Larry Berger at the Ohio Department of Agriculture (ODA). Ohio's recycling program started in 1992 with 3 pilot locations and has expanded to 60-70 sites. ODA received a \$79,000 federal grant to purchase a granulator for the state's use which has just arrived. ODA hopes to recycle 80,000 to 90,000 lbs of plastic with the new machine. The plastic will be made into pallets used to haul and store pesticides. The collection process should be a little faster and easier with the new contractor, "Tri-Rinse" who will be making gray pallets from the plastic. Different colored containers do not need to be sorted to make gray plastic and small amounts of foil around the opening can remain on the container. As always, the key to successfully recycle pesticide containers is to make sure the containers are clean and empty. The Ohio Department of Agriculture asks that these guidelines be followed:

- Triple rinse or pressure rinse containers before bringing them to the collection site.
- Add the rinse water to the spray tank. Containers must be empty, clean and dry.
- Make sure there is no pesticide residue on the inside or outside that could come off. Check the pour spout and threads.
- Do not include caps, as they are usually made of a different plastic than the container.
- Some pesticides are known to stain. Stained containers are accepted as long as there is no residue.
- Labels do not have to be removed.

TOMCAST and BLITECAST Update
 DSV Hotline 800-228-2905
 Jim Jasinski

TOMCAST DSV, BLITECAST SV, Report.

As of July 1, information concerning TOMCAST DSV, BLITECAST SV, and rainfall for the previous 7 days will be given in that order for each station below:

Ohio Freshmarket:

Claridon-30, 39, .18"

Hillsboro-46, 54*, 2.01"

Racine-59, 44*, .47"

Ohio Processing:

Fremont-50, 29, 1.27"

Tipp City- 49, 33**, 2.1"

Napoleon- 64 DSV as of June 29

Pandora- 53 DSV as of June 29

Indiana Processing:

Hobbs- 43, 35**, .73"

Kokomo- 40, 22, 1.37"

LaCrosse- 39, 29, .24"

Union City- 46, 22, .83"

Michigan Processing:

Constantine- 29, 9, .08"

Petersburg- 44, 40*, 3.55"

* Stations currently under a Late Blight warning. If fields have not been treated in previous 7-10 days, scout for the presence of the fungus and treat if necessary.

** Stations under 3 Severity Values away from Late Blight warning.

To this date, Late Blight has not been detected in OH, IN, or MI. It has been found in Wisconsin recently. The field in Adams county emerged on May 27. Eighteen SV's were surpassed on June 6. Late Blight appeared 14 days later on June 19.

Insect Trap Reports

Tipp City, OH - 10 Variegated Cutworm Moths captured in pheromone traps as of July 1.

Information concerning TOMCAST DSV and BLITECAST SV can be found on DTN & FarmDayta networks under both the Ag and Produce sections

Crop Reports

B. bergefurd, R Overmyer and H. Kneen

NorthCentral

Heavy localized rains have flooded some fields in Northcentral Ohio. These fields will be under some water stress. Fortunately the temperature has not turned hot to cook the fields.

Cucumber for pickling harvest is expected to start around July 15th to 20th. Harvest will be about two weeks later than normal.

The early processing tomatoes have fruit about the size of one's thumb. Tomato harvest is expected to start about August 23rd to 31st. Tomato harvest will be about three weeks late.

There are no reports of any major insect or disease problems in any vegetable crops at this time.

Southeast

Insect trapping- Flight of European Corn Borer has tapered off in the past week. Collected only 10 moths for the seven days ending July 1st versus 49 during the week ending June 24.

> Seeing whitefly, aphids, Colorado potato beetle larvae and thrips on tomato plants. Insecticides appear to be controlling them

> Early blight lesions have been sighted in most tomato fields, weekly applications of a fungicide have been deemed necessary as we are racking up DSV values of 12-15 per week. This past week's scattered rainfall have made spraying difficult. Some growers are spraying a day early rather than chance being too late.

>Some Sweet corn will be ready for the 4th of July weekend from the Reedsville area. Insecticide sprays had to be applied more frequently due to higher ECB pressure at silking than is normal. Plastic mulch grown sweet corn from the Great Bend region will reach the market just before the 4th of July.

> Cabbage crop is just about completed. Very successful year for those growers who had cabbage.

> Half runner beans are ready for the market @\$23.00 per bushel

> Tomato plants are loving this weather of high 80's and moisture. they are rapidly growing and fruit size is approaching the 3 1/2 inch size, still need another week or so before breaker stage appears.

Southwest.

Harvest of summer yellow squash and Zucchini began early this week with excellent yield and quality. Little virus symptoms are showing up in yellow squash varieties. Harvest of collards and kale will continue and talking to a grower on Tuesday will continue throughout the summer months on the mineral soils. Market prices for the

summer squash and cabbage continue to run above normal however it has been a problem for buyers to realize that Ohio growers are now in the market.

Harvest of fresh market cabbage also began on Monday with quality and yields also excellent. Green beans and half runners are in bloom and peppers have fruit set on them on plastic with trickle planted crops. Bare ground pepper plantings continue to run behind with plantings just beginning to come into blossom. Early Sweet Corn and plastic plantings are in tassel.

Potato Beetles are making their presence on tomato and eggplant plantings with growers making insecticide applications.

The last of the areas pumpkin and melon plantings went in last weekend. Planting of summer squash, Kale and Collards, green and half runner beans and sweet corn continues. Heavy rains (3 to 4 inches in some areas) have slowed harvest and field work.

What's New At The VegNet Web Site

Tour of Vegetable Production in the OHIO River Valley

The Washington/Meigs County Vegetable Tour

Piketon Horticultural Field Day

Cuke beetle damage in: "Problem Of The Week"

Visit: "The Talk Between The Rows"

More On TOMCAST and Early Blight Visit TOMCAST

Return to Vegetable Crops Homepage Ohio State University Extension

We appreciate very much the financial support for this series of vegetable reports which we have received from the board of growers responsible for the Ohio Vegetable and Small Fruit research and Development Program. This is an example of use of Funds from the "Assessment Program".

Where trade names are used, no discrimination is intended and no endorsement by Ohio State University Extension is implied. Although every attempt is made to produce information that is complete, timely and accurate, the pesticide user bears the responsibility of consulting the pesticide label and adhering to those directions.

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