



# Georgia Extension Vegetable News

The University of Georgia

## Cooperative Extension Service

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### New Quadris Labels

David Langston

Extension Vegetable Pathologist - UGA

Attached is a PDF file for the new Quadris labels that I just received within the past month. These new labels will pretty much cover most of the rest of our vegetable crops in Georgia. These include the leafy brassicas (cole) crops such as mustard, collards, kale and cabbage. Also newly labeled are pepper, eggplant and okra. This label is specifically very timely for the new pepper anthracnose outbreaks that were first observed this year. Virginia had been granted a Section 18 for use of Quadris for control of pepper anthracnose and has had good results. Also, these labels now cover what the Section 18 covered for the leafy greens in Georgia.

### Tifton Plant Disease Clinic

Jason Brock

Plant Disease Diagnostician - UGA A low number of samples were received during the last two months of the year. Of those received, many were diagnosed as no disease or as a result of environmental problems. The “no disease”

samples were likely the results of environmental problems as well. During these months, rainfall was limited and we had cooler weather. Both probably factored into the lack of disease problems this year.

When arriving to a field, be aware of certain characteristics of abiotic problems. The entire field being affected at once, many types of plants being affected (including weeds), large spots appearing in a very short time, and a uniform pattern throughout the field are all characteristic of abiotic problems, but not diseases. Consider changes in weather, chemicals that a grower might have applied, sources for chemical drift, strong winds, or any event or practice that might stress plants.

Abiotic problems can easily be confused with diseases, so if there is any question, send the sample to the plant disease clinic to rule out the possibility of disease. Be sure to include as much information as possible on the sample submission form so that all avenues can be explored when making a diagnosis.

The following is a summary of the commercial vegetable samples diagnosed during November and December.

Cabbage:	No Disease
Carrot:	Pythium sp. No Disease
Collard:	Frost Injury (3)

Green Bean:	No Disease
Onion:	Xanthomonas sp.
Pepper:	Cucumber Mosaic Virus
Sweet Potato:	Unknown
Tomato:	Bacterial Leaf Spot
Turnip:	Cercospora Leaf Spot Downy Mildew Frost Injury (2) Nutritional Deficiency No disease

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**County Extension Agent** \_\_\_\_\_