

Reports on Reactions of Sweet Corn Hybrids To Common Sweet Corn Diseases Are Now Available

Report Authors: Jerald Pataky, Lindsey Du Toit and Darin Eastburn, Dept. Of Crop Sciences, University of Illinois

Common rust, Stewart's bacterial wilt, maize dwarf mosaic - MDM, northern leaf blight - NLB, southern leaf blight - SLB, and southern rust can significantly reduce yields of susceptible and moderately susceptible sweet corn hybrids. The level and type of resistance must be known in order to select hybrids for disease management. Since Ohio growers were affected by these diseases last year and in previous years, it is highly advisable to consult these reports when making cultivar selections for the 1998 growing season.

In the 1997 hybrid disease nursery report, the authors evaluated 275 hybrids including 142 sh2 hybrids, 69 se hybrids, 57 su hybrids, 6 sweet-breed hybrids and 1 bt1 hybrid. Maturity of the hybrids ranged from 60 to 90 days. Standard hybrids with consistent reactions to rust, Stewart's wilt and NLB were included to compare the 1997 trial results to those from previous years.

The Reactions report summarizes data from all nurseries since 1984 and lists the reactions of hybrids that are available commercially. Since reactions can vary among years, average reactions based on at least three years of data are more accurate than those based on one or two years. Since 1984, over 1,700 hybrids have been evaluated for disease reactions at the Univ. of Illinois, Urbana- Champaign.

How To Get The Reports:

There are several methods to obtain these reports:

1. 1997 Midwestern Vegetable Variety Trial Report. Each year, these reports are published in this bulletin, from Purdue University. The bulletin is usually available by mid-December and I will announce when it is ready. This bulletin is also sold at our OH Congress in February.

2. Copies.

For those who make early decisions, I can copy the reports and mail them to you. The reports are too large to be faxed. My phone number is 614-292-3857. If I am not in, just leave you name and address.

3. E-Mail.

I have copies of the reports in MS Word 7.0 file format. If you work with this file format, I can e-mail them to you as a file attachment. To request the reports, e-mail me at: precheur.1@osu.edu

4. Univ. of Illinois website.

The reports are to be posted on the Illinois Extension website. We will let you know when they are available along with the site address.

What's New At The VegNet Web Site

In "The Talk Between The Rows" Section, see:

First Look At The Vegetable Program In:

1998 Ohio Fruit and Vegetable and Roadside Marketing Congress

Feb. 4, 5 and 6, 1998,

Seagate Centre, Toledo, OH

Make Plans Now to Attend

Coming Later This Month: Pumpkin Harvest Wrap-Up (Pictures plus yield data).

In Problem Of The Week, see: Insect Damage versus Bacterial Leaf Spotting On Pumpkin Fruit>

My Pumpkins Are Bigger Than Yours - Week 10 The Harvest

A weekly peek at our pumpkin patch. Post Harvest Handling Tips and Controlling Post-Harvest Rots.

Coming Next Month: Harvest Wrap-Up (Pictures plus yield data).

Horticulture Field Night At The Enterprise Center, Hillsboro, OH

Take The Mini Tour.

For tours and info, Call: Brad Bergefurd at: 1-800-628-7722 for details.

Highlights From Muck Crops Day

In Problem Of The Week, see:

The Persistence of Weeds.

Scab on Gourds

Powdery Mildew-Pumpkins and

Septoria Leaf Spot on Tomatoes.

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".

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