Vegetable Calendar - January
Jan 9 Greenhouse Meeting, Toledo Area Flower and Vegetable Growers Association, Monclova Community Center, Toledo, Ohio.
Contact: Norm Moll 419-213-4253 or.
Jan 9 (begins at 9 a.m.) - 10 (begins at 8 a.m.) - Muck Crop School, Moose Lodge, Willard,
Contact: Gary Bauer, 419-627-7631, bauer.3@osu.edu
Jan. 15-17 Ohio Fruit & Vegetable Growers Congress, Ohio Roadside Marketing Conference and Ohio Christmas Tree Association Winter Meeting, SeaGate Convention Center, Toledo. For complete convention details on the program, directions and pre-registration
Contact: Jennifer Hungerford, 614-249-2424,
http://www.ohiovegetables.org
Come visit the OSU Vegetable Team in the Trade Show at Booth 713. Pick up research reports, purchase new publications or just to chat about new production ideas.

Jan.16-17 Greenhouse Food Production Short Course in conjunction with the Ohio Fruit & Vegetable Growers Congress, SeaGate Convention Center, Toledo.
Contact: Jennifer Hungerford, 614-249-2424,
http://www.ohiovegetables.org

2002 Research Reports Now Available
R. Precheur

The first of the 2002 research results are now available at the VegNet website. As we are made aware of other research reports, we will let you know of their availability. The following reports are currently available at the VegNet website:
http://vegnet.osu.edu
Green Pepper Cultivar Evaluation, 2002
by Dr.Robert J. Precheur, Plus Pictures
Pumpkin Reserch Results, 2002
Pictures and Powdery Mildew Ratings
by Bob Precheur
BiColor Sweet Corn 2002
by Bob Precheur, Tables plus some pictures.
2002 Sweet Corn Disease Resistance Ratings
The following are latest reports from Dr. Jerald Patakys work at the Univ. of IL on reactions of sweet corn to common diseases. They include the disease nursery report (text file in MS Word) and the disease nursery table (MS Excel).
2002 Disease Nursery Table
2002 Disease Nursery Report

New Book on Pepper Diseases
N. J. Taylor

There is a new disease compendium on pepper diseases out from the American
Phytopathological Society (APS). It will cost $49.00, plus shipping. For details and
ordering information, visit their website:
http://www.shopapspress.org/comofpepdis.html

Glyphosate-resistant Crops and Weeds
From: P A N U P S Pesticide Action Network Updates Service and Joe Kovach, OSU
IPM Program

Global plantings of genetically engineered crops have increased this year by 10.5%
to 136.2 million acres (55.1 million hectares). In the U.S., Roundup Ready soybeans
(soybeans engineered to be resistant to glyphosate), are the most widely planted
genetically engineered crop; plantings increased 9.9% to 60.2 million acres in 2002.
Plantings of Bt cotton (cotton engineered to produce an insecticide), however,
declined in the U.S. (from 0.5 million acres to 0.4 million) and China (from 2.2
million acres to 1.9 million).

One problem is the growing number of cases of glyphosate-resistant weeds. In the
past few years, cases of resistance have been documented around the world. In
1996, resistant Rigid Ryegrass was found in one part of Australia; then in 1997, it
was discovered in New South Wales. Cases of resistant Rigid Ryegrass have also
been documented in California (2-5 sites) in 1998, and in South Africa (11-50 sites)

In 1997, Goosegrass resistant to glyphosate was found in multiple orchards in
Malaysia. Glyphosate-resistant Italian Ryegrass was discovered in orchards in Chile
in 2001. Weed scientists there estimate that up to 500 acres may be infested.
In 2000, cases of resistant Horseweed (also known as Marestail) began appearing in
soybean fields in the United States. Resistance has been documented in Delaware,
Indiana, Maryland, New Jersey, Ohio and Tennessee. In Tennessee, resistant
Horseweed was also found in cotton. Scientists estimate that from 100,000 to one
million acres are infested with resistant Horseweed, primarily in Tennessee and
Delaware.

A white paper was recently released by one corporation examining the impact of
glyphosate-resistant weeds on land value. The paper concludes that specific weed
resistance can reduce a farm’s rentable value by 17%, and that the greatest weed-
resistance concern is glyphosate tolerance in Roundup Ready crops.

Sources:
"Glyphosate-Resistant Weeds: Will They Decrease Land Value?, Syngenta,

What’s New At The VegNet Web Site

Problem Of The Week
A pictorial comparison of Squash Vine borer damage and Bacterial Wilt in pumpkins. While the symptoms are similar, there are some key differences. Check it out. Click on the 'Problem of the Week' button of the left side.

Highlights From the Pumpkin and Muck Crops Field Days
Couldn’t make it to Celeryville on July 25th or forgot about The Pumpkin Field Day on August 7th, then take a look at just a few of the highlights from these two field days.
Click on the 'Talk Between The Rows' button on the VegNet homepage.

2001 Slide Presentations
Pepper Variety Slides 2001 | HTML Slide Show
Pumpkin Variety Slides 2001 | HTML Slide Show
Go to the Library Section under Research Reports.

VegNet Vegetable Schools
A series of slide presentations are now available in order to update you on the latest pumpkin and sweet corn research. We begin with 6 pumpkin topics in Pumpkins 101 and have 10 slide presentations available in Sweet Corn 101. In sweet corn, Powerpoint presentations and html online slide shows are available now. Go to the VegNet homepage.

Pumpkins 101
The use of trap crops and Admire for cucumber beetle control and New varieties for 2001. We have presentations on cover crops for disease control and pumpkin fungicide use.
Perimeter Trap Cropping. Online html slide show | Perimeter Trap Cropping, PPT, 7 Mbytes
See also the Research Results section on the home page for text version of the report.

Pumpkin Variety Slides 2001 | HTML Slide Show
Sweet Corn 101
Presently only Powerpoint presentations available. Coming Soon: Online HTML slide shows. Check back often Nine topics including:
Aspects of Variety Selection based on Disease Control [ ppt 40 KB]
Internet Link To "Reactions of Sweet Corn Hybrids to Prevalent Diseases" Dr. Jerald Pataky www.sweetcorn.uiuc.edu
Producing Early Sweet Corn [ppt 3.5 Mbytes]
Managing Weeds in Sweet Corn [ppt, 9 Mbytes]
Sweet Corn Herbicides & Variety Sensitivity. [ppt 2 Mbytes]
Sweet Corn Development and Critical Periods for Irrigation Management [ppt 1.6 Mbytes]
Flea Beetle Management in Sweet Corn [ppt 510 KB]
How To Keep Worms Out of Sweet Corn Ears [ppt 8.3 Mbytes]
Role of Bt Transgenic Hybrids in Sweet Corn Pest Management. [ppt 21.2 Mbytes]
Bt Sweet Corn Efficacy in OH, 1999-2000 [ppt, 208 KB]

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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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