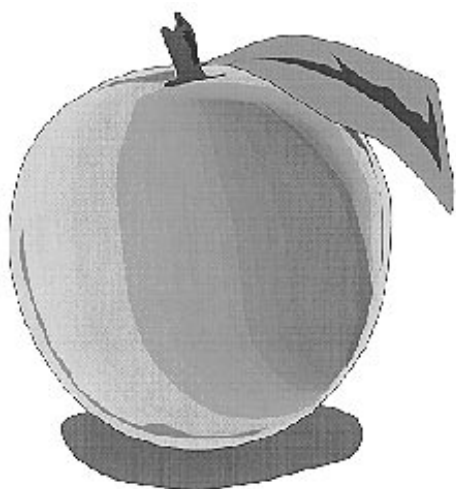


PLANT & PEST ADVISORY

FRUIT EDITION \$1.50

DECEMBER 15, 1998



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Evaluation of Peach Selections from the Fruit Acres Breeding Program

*Jeremy Compton, Plant and Soil Science Technician
Win Cowgill, Hunterdon County Agricultural Agent*

The following is a report on several advanced selections from the Michigan Fruit Acres Breeding Program. All cultivars are being evaluated at the Rutgers Snyder Research and Extension Farm for their adaptability and performance in North Central New Jersey. Since 1990, we have been evaluating peach selections from the New Jersey Tree Fruit Breeding Program as well as those from other nurseries and programs.

Trees were established in 1992, with additional cultivars established in 1993, 1994, and 1998. Two trees of each cultivar were planted at a spacing of 10' x 20', and trained as central leader trees. Trickle irrigation was established to all trees in 1994, and has been used according to local needs annually. The Rutgers IPM spray schedule is utilized based on weekly scouting. No fungicides are used to control Bacterial Spot, so that varietal susceptibility ratings can be observed.

A four-point rating system is used to qualify each selection's performance to date. Four points is outstanding, and one point shows a poor performance. Dates given next to the selection's name or number are traditional harvest dates. The following data and observations are based on a summary of three years of fruit observation.

Selections under test at the Snyder Research and Extension Farm:

Coralstar (FA 59) Harvest Date 8-21

Planted in 1992. This selection has performed consistently well for us. We are observing all the strong points that warranted the release of this peach, including its high quality, full flavor and the outstanding finish it develops. +++-

Blushingstar (FA 18) Harvest Date 8-28

Planted in 1993. This selection is performing well and may be the best white-fleshed selection for us in its season. The large size (2 7/8") and attractive fruit finish are Blushingstar's strong points. A slight suture bulge and variable flavor characteristics are weaknesses that are appearing with this variety. Future evaluations need to be conducted on this selection. ++-

SEE EVALUATIONS OF PEACH SELECTIONS ON PAGE 2

EVALUATIONS OF PEACH SELECTIONS FROM PAGE 1

Glowingstar (FA 17) 8-26

Planted in 1994. The selection has performed well for us in all aspects. Fruit from the immature tree was of desirable taste, and seems to be increasingly more flavorful annually. Large size (2 5/8") and fruit finish have been excellent since the tree began cropping. A slight suture bulge gives the fruit a round-oblong shape. +++-

Redstar (FA 52) 8-13

Planted in 1992, Redstar has performed well for us. Excellent flavor and color have been a trait of this variety every year. Heavy crops have been obtained annually since picking began. Fruit has been medium in size. We are very pleased with Redstar's performance in our area. ++++

Starfire (FA 11) 8-12

Planted in 1993. Evaluations thus far show us obtaining the same quality that warranted its release. Fruit develops a purple-red over color and possesses fantastic eating quality. The best feature of this variety may be its large fruit size. Starfire produces a fruit in the 2 3/4" - 3" range consistently. ++++

(FA 71) 9-01

Planted in 1992. FA 71 produces a peach with excellent flavor and appearance for us. Crop load is heavy and fruit size good. Although we seem to have difficulty obtaining a full red over color, this variety is a quality peach in our region. +++-

(JF 50) 8-8

Planted in 1992. JF 50 was one of our top performers in 1998. Fruit appearance and taste were factors that placed the selection at the top of our list for this past growing season. Though an immature tree produced fruit with reduced quality, we are excited about the potential of this variety for our region. Future harvests are expected to yield comparable quality to that of 1998's harvest. +++-

(JF 64) 8-28

Planted in 1992. This selection has done consistently well for us. Excellent fruit color and flavor is obtained annually with JF 64. Small fruit size this year (2 3/8") was probably due to late thinning and a heavy crop. +++

(JF 100) 8-26

Planted in 1993. Another attractive selection, but lacking the deep red color that we are used to with some of the other Fruit Acres selections. Although the peach possesses good flavor, it is not as outstanding as some of the other selections in it's season. The strong point of this peach may be it's ability to produce fruit with good size. ++-

(JF 42) 8-28

Planted in 1992. This selection has not done very well in our trial. The biggest drawback observed is the misshapen fruit that the tree produces. A defined suture

bulge is a main qualifier that attributes to the poor appearance. No outstanding features observed with regards to flavor or size, either. A positive feature that this variety possesses is it's above average firmness at harvest. +

(JF 79) 8-26

Planted in 1993. This is another variety that does not have any outstanding characteristics with respect to other selections in the same season. Fruit appearance and taste is good, but not outstanding. It does appear to posses weaknesses with sizing as well as uniformity of fruit shape. Further evaluations need to be conducted. ++

(JF 60) 9-01

Planted in 1992. Although this selection is one of the largest of all the Fruit Acres, it's quality is one of the poorest. Badly misshapen fruit with a tremendous incidence of pronounced suture bulges is an annual occurrence for this selection. Fruit finish and taste are also inferior when observed. The observance of Bacterial Spot is another drawback of this selection. +

(JF 45) 9-03

Planted in 1992. The climate of our region does not appear to be favorable for this selection. Tree produces misshapen fruit of below average quality on an annual basis. The only positive factor this selection is appearing to posses is it's large fruit size. Though this variety is proving unmarketable for our region, further data should be collected to solidify this observation. +-

(JF 32) 8-28

Planted in 1993. This selection possesses excellent flavor and eating quality. It develops an attractive appearance, similar to that of Glowingstar, but without the suture bulge. JF 32's fruit size (2 1/4") is its only obstacle. Future work on this selection will also be concentrated on getting the fruit size necessary. +++

(JF 66) 8-21

Planted in 1992. This selection possesses all the characteristics of a good peach with the exception of producing misshapen fruit due mainly to an excessive suture bulge. The size is acceptable and fruit flavor is consistently exceptional, but the annual production of such a massive amount of misshapen fruit will prove JF 66 unmarketable. +-

Conclusions:

An early bloom in the Spring of 1998 proved problems for sizing. Thinning was not advanced because of the early bloom (for fear of frost), and fruit size across the board suffered.

Trees were planted in the Spring of 1998 of the three released varieties (Risingstar (FA 47), Blazingstar (FA 12), and Allstar (FA 80)) not previously under evaluation at the Snyder Farm. All released varieties look good in this trial to date, with Starfire and Redstar topping the list.

The most promising un-named selections in the trial include JF 50 and FA 71. Both selections are excellent and perform consistently on an annual basis.

Un-named varieties that need further observation include: JF 64, JF 81, JF 42, JF 45, JF 66, JF 32, JF 100 and JF 79. They require evaluation for several more years to determine their market potential.

Selections evaluated and rejected by the Fruit Acres Breeding program include: JF 14, JF 27, JF 65, JF 30, JF 60, JF 68, JF 81, and JF 41. They were dropped from the program and will not be named.

Coming Events

January 19 & 20, 1999

Strawberry, Blueberry & Small Fruit Sessions

NJ Annual Vegetable Meeting

Trump Taj Mahal, Atlantic City, NJ

Contact: any vegetable or fruit agent with Rutgers Cooperative Extension

January 26-28, 1999

National/Southeastern Peach Convention

Wyndam Hotel & Resort

Myrtle Beach, SC

Contact: Bill MCunay 803-734-2215

January 26-28, 1999

Mid-Atlantic Fruit & Vegetable Trade Show & Convention

Tri-State Horticultural Sessions

Hershey Lodge & Convention Center, Hershey, PA.

Contact: Bill Tietjen 908-475-6505 or Jerry Frecon 609-863-0110

Feb. 1-4, 1999

North American Blueberry Council Annual Meeting

Luxor Hotel, Las Vegas, Nevada

Contact: Diane Douglas 916-933-9399.

Feb. 5-6, 1999

The International Ribes Assoc. Annual Meeting

Buffalo, NY

Contact: Ed Mashburn at 717-473-9910

Feb. 6-10, 1999

North American Strawberry Growers' Assoc. Tour and Annual Meeting

Adams Mark Hotel

Orlando, Florida

Contact: Bob and Donna Cobbledick 905-945-9057

Feb. 11-12, 1999

North American Bramble Growers Assoc. Annual Meeting

Holiday Inn, Orlando, Fla.

Contact: Richard Fagan 301-724-4085

Feb. 17, 1999

SJ Fruit Meeting & Trade Show

Masso's Crystal Manor, S. Delsea Drive, Glassboro, NJ

Contact: Jerry Frecon 609-863-0110

February 17-20, 1999

17th Annual Mid-Atlantic Direct Marketing Conference and Trade Show

Princes Royale, Ocean City, Maryland

Contact Rick VanVranken 609-625-0056 or Ramu Govindasamy 732-932-9171, Ext. 25

Feb. 20-24, 1999

International Dwarf Fruit Tree Assoc.

Hammilton, Ontario Canada

Contact: Bruce H. Barritt 509-663-8181

March 13, 1999

Grape Expectations — A Viticultural and Enological Symposium

Forsgate Country Club, Jamesburg, NJ

Contact: Joseph Fiola 609-758-7311

Seeking Nominations for the Farmers Marketing Award

The **Farmers Marketing Award** in memory of Tony Russo is presented every year by the New Jersey Agricultural Society. This annual award is given to a farmer who does an exceptional job of marketing agricultural products. The only rule for nomination is that the individual must be someone who, over the past year, has demonstrated leadership that benefits the general marketing interests of New Jersey's agriculture industry. Nominations for the award can only be made by members of the NJ Ag Society. If you have someone you would like to nominate, please let us know and we will send you a copy of the form to be completed. Either call or e-mail Jean Mecka (732 932-9306, x581, mecka@aesop.rutgers.edu)

Please be aware that the deadline for nominations is January 8, 1999. So please contact us as soon as possible. ☐

Apple Rootstocks: Is CG 30 Your Semi-Dwarf Alternative?

*Win Cowgill, Hunterdon County Ag Agent
Jeremy Compton, Plant & Soil Science Technician*

With the release of the Cornell-Geneva 30 (CG 30) rootstock for commercial production this year, there has been a lot of grower interest in this rootstock. The Cornell program has looked to CG 30 as a replacement for M 26 and M 7. Although this rootstock has looked promising in national tests, such as the NC-140 Rootstock Evaluations, the performance data is preliminary. This apple stock should only be planted on a trial basis.

Cornell-Geneva in cooperation with the USDA-ARS, focuses their apple rootstock breeding program on the selection of rootstocks for the resistance they demonstrate toward fireblight, collar rot, woolly apple aphid and their precocity and lack of suckering.

CG 30 is being promoted as a rootstock that produces a tree similar to that of M 7, but with less suckering and burr knots. It is also resistant to fireblight. Early performance data has sparked grower interest and the Cornell program has made it available to commercial nurseries.

There are two trials with CG 30 established at the Rutgers Snyder Farm. CG-30 is in the 1994 NC-140 trial with Gala as the cultivar. A second experiment comparing CG 30 with M 26 was established in 1997 at the Snyder Farm. This trial contains five cultivars; Myra Red Fuji, Jonagold, Gala, Breaburn, and Gingergold. Since this rootstocks performance may be dependent on the scion cultivar being used, a better understanding on CG 30s performance with the above cultivars should generate good information in future years.

Our observations to date indicate CG 30 is highly precocious and it is highly productive compared to other stocks. This is confirmed in other national tests.

On the down side, CG 30 will need to be supported to train the central leader. It will not be a free standing tree. CG 30 also appears to have some graft incompatibility with certain apple varieties but specifically with Gala. Tests at Cornell this past summer indicate that CG 30 and Gala is a poor combination. In our 1994 NC-140 trial, five of ten CG 30/Gala trees have snapped at the graft union. Similar results were reported at various locations across the country.

This weak graft union has led to Cornell requesting to their licensed nurseries that they not propagate any additional CG 30 rootstocks with the cultivar Gala. At our recent NC-140 technical committee meeting in Oregon, we recommended that any existing plantings of

Gala on CG 30 be supported with a French Ax type system, with a minimum of two wires, one at 36-40 inches high and one at 8-9 feet high, depending on your system. Single wood posts have **not** provided adequate support for two reasons. First, due to imperfections in most wood stakes (knots) and incomplete CCA treatment, the stakes often snap after several years in the orchard, at the soil line under high wind conditions. Secondly, the tree can still twist in high winds on a single stake, causing it to snap at the graft union. Support with a wire at the first set of scaffold limbs is essential to avoid this twisting and breakage.

Two high wind events destroyed thousands of trees on single stakes in both Michigan and New York this past summer. For more info on Michigan, see <http://virtualorchard.net/glfgn/june1998/storm.html> and for New York, see <http://virtualorchard.net/glfgn/sept98/newyork.html>.

Although CG 30 possesses some weaknesses, it is a rootstock that many growers are becoming excited about because it is so productive. It is worthy of trial for this reason.

It should be noted that CG-30 is not an easy rootstock for the nurseries to propagate due to its tendency to produce large numbers of spines, and a low number of shoots per linear foot in the stoolbed. However, demand from the apple industry continues to drive the propagation of this rootstock by the nurseries. A premium is being considered by some nurseries to offset the higher cost of propagation.

There are other rootstocks in the pipeline of the Cornell Geneva breeding program that may fix some of the problems with CG 30, but their release is in the future. Growers should proceed with caution when planting CG 30, and the use of a proper support system is essential.

For additional information read the story on CG 30 by Dr. Ron Perry from 1997 at the online edition of the Great Lakes Fruit Grower News at: <http://www.virtualorchard.net/glfgn/december1997/g30.html>

You Are Invited!

**Grape Expectations —
A Viticultural and Enological Symposium
Saturday,
March 13, 1999
Forsgate Country Club
Jamesburg, NJ**

Contact Dr. Joseph Fiola at (609) 758-7311 for more information.

IDFTA in Virtual Perspective

Win Cowgill, Hunterdon County Ag Agent
Jon Clements, Michigan State University Ag Agent

Reprinted from Compact Fruit Tree Journal Vol 32 NO 1

The International Dwarf Fruit Tree Association (IDFTA) has joined the information age with an enhanced IDFTA World Wide Web site, including our own World Wide Web domain name, <http://www.IDFTA.org>. No doubt most commercial fruit growers are now aware of the Internet and its role in shaping the information age. Increasingly, the Internet — and particularly the World Wide Web — is being used by business, education, extension, government and individuals to communicate and rapidly deliver information to anyone, anywhere around the world.

For the unfamiliar, the World Wide Web (WWW) is simply a network of computers, big ones, little ones, personal, and business ones, all transferring information that is available from any kind of computer. Simply put, it is a tool that lets you share information with millions of people all over the world, both in written text, and perhaps more importantly, with pictures and graphics. The old adage, “a picture is worth a thousand words” is one of the reasons the web is growing so fast. Visualize the World Wide Web as textual and graphical learning links to information resources on all aspects of tree fruit production from around the world. Think of it as a research paper that lets each footnote take you right to the original source of information!

We think the World Wide Web is the ideal media to further IDFTA's mission first outlined in 1958, “to promote an understanding of the nature and use of dwarf fruit trees through research, education and dissemination of information, and share information with its' membership on a 'world-wide' scale.” Our web presence is a perfect compliment to our traditional (and recently updated) publications, ‘Compact Fruit Tree’ and ‘Compact News.’ The IDFTA WWW site will enhance the dissemination of knowledge and likely expand our membership worldwide. As you can see, we view the IDFTA WWW presence as a way to increase our exposure to others, thereby strengthening and enhancing our membership and professionalism as an organization.

Currently, the IDFTA WWW site is home to the following Organization and information resources:

- IDFTA news
- a calendar of upcoming annual conferences and summer tours
- an index of ‘Compact Fruit Tree’ articles dating back to 1995 (Vol. 28)
- selected full-text articles from recent ‘Compact Fruit

Tree’ Journals

- summer tour highlights, including photos
- a prominently displayed Mission statement
- membership contact information, including Business Director, Education Director, Annual Conference Coordinator, and IDFTA Board of Directors

So, the next time you are wondering, ‘just where is that exotic location for the 43rd Annual IDFTA Conference in the year 2,000,’ or you were not able to attend the 1998 IDFTA Summer Tour in Virginia, point your computers web browser to <http://www.IDFTA.org>. We think you will find what you are looking for, and perhaps even more!

Comments can be sent via e-mail to either Win Cowgill at <cowgill@aesop.rutgers.edu> or Jon Clements at <clementj@msue.msu.edu>, or by fax (908-806-4735) or by regular mail (4 Gauntt Place, Flemington, NJ 08822 USA).

Remember to visit the Virtual Orchard <http://www.VIRTUALORCHARD.net> web site, your gateway to apple information. □

Direct Marketing Conference and Trade Show

We take pleasure in inviting you to the Princess Royale in Ocean City, Maryland. Please mark your calendars for February 17-20, 1999 for the **17th Annual Mid-Atlantic Direct Marketing Conference and Trade Show** to be held on the Maryland shore.

The theme of this year's conference is Direct Marketers View the Next Century. It reflects the need for marketers to look ahead in planning for future success. The blue-ribbon planning committee has designed this annual conference and trade show to provide the participants an edge in the future.

The activities will start on Wednesday afternoon, February 17th, with two “hands on” workshops. Two full days of programming will include: (1) a look ahead, (2) “plain talk” about food safety, (3) eight breakout sessions plus “brags and blunders,” and (4) our trade show which is second-to-none on the east coast. The trade show can give you access to more new ideas and supplies to improve your markets and your bottom line. The social highlight of the conference will be our “Mardi Gras” dinner and entertainment. Saturday night finishes with tours of some of the best markets in the country, which provides an opportunity to learn by seeing and participating.

The conference pre-registration deadline is February 1, 1999. Any requests after that date will be confirmed based upon availability. For more information, please contact Rick VanVranken (609) 625-0056 or Dr. Ramu Govindasamy: (732) 932-9171, Ext. 25. □

Small Fruit Publications

Jerome L. Frecon, Gloucester County Ag Agent

The following list of small fruit publications is adapted from Massachusetts Berry Notes, Volume 11, No. 9, by Extension Small Fruit Specialist, Sonia Schloemann, University of Massachusetts, Cooperative Extension, plus additions from New Jersey.

PART I

General Small Fruit Publications

Uncommon Fruits Worthy of Attention. 1991. Lee Reich. Addison-Wesley Publishing Co., Inc.

Fruits and Berries for the Home Garden. 1977. Lewis Hill. Garden Way Publishing, Charlotte, VT 05445.

Small Fruit and Crop Management. 1990. Gene Galleta and David G. Himelrick, Editors. Prentice-Hall, Englewood Cliffs, NY 07632.

Videos

Vegetable Farmers and Their Weed-Control Machines. The Center for Sustainable Agriculture at the Univ. of VT, 590 Main Street, Burlington, VT 05405. \$10.

Guides

New England Small Fruit Pest Management guide; Univ. Mass. Extension Bulletin Distribution Center, Draper Hall/Univ. Mass, Amherst, MA 01003, 413-545-2717. \$6.50

Penn State Small Fruit Production Guide; Publications Distribution Center, The PennState University, 112 Ag. Admin. Bldg., University Park, PA 16802, \$10.

Small-Scale Fruit Production; Publications Distribution Center, The PennState University, 112 Ag. Admin. Bldg., University Park, PA 16802. 814-865-6713. \$9.

Cornell Pest Management Recommendations for Small Fruit; Cornell Cooperative Extension Resource Center GP, 7 Business Technology Park, Cornell Univ., Ithaca, NY 14850. 607-255-2080. \$6.50

Small Fruit Fact Sheet Set; Cornell Cooperative Extension Resource Center GP, 7 Business Technology Park, Cornell Univ., Ithaca, NY 14850. \$4. 8 sheets.

Midwest Small Fruit Pest Management Handbook; the Ohio State Univ. Cooperative Extension Publications 385, Kottman Hall, 2021 Coffey Rd., Columbus, Ohio 43210-1044. 614-292-1607. \$10.

Newsletters/Magazines

Massachusetts Berry Notes; Univ. Mass Extension Bulletin Distribution Center, Draper Hall/Univ. Mass, Amherst, MA 01003, 413-545-2717. \$30.

The Grower; Univ. Mass Extension Bulletin Distribution Center, Draper Hall/Univ. Mass, Amherst, MA

01003, 413-545-2717. \$10.

Long Island Fruit and Vegetable Update; Cornell Cooperative Extension – Suffolk County, 246 Griffing Ave., Riverhead, NY 11901-3086. 516-727-7850.

NEVBGA Newsletter, NEVBGA, 233 Union St., East Bridgewater, MA 02333-1555. Dominic Marini 508-378-2546. Benefit of membership.

Small Fruit News of Central New York; Cornell Cooperative Extension – Oswego County, 3288 Main St., Mexico, NY 13114. Caleb Torrice 315-963-7286.

Northland Berry News, 595 Grand Ave., St. Paul, MN 55102-2611. Paul Otten \$20.

Internet Web sites

CT

Connecticut Dept. of Agriculture – <http://www.lib.uconn.edu/CDOA/>

UConn Extension – <http://www.connix.com/NOFACT/ME>

Maine Dept. of Agriculture, Food, and Rural Resources – <http://www.state.me.us/agriculture>

Univ. of Maine Extension – <http://www.uext.maine.edu>

Univ. of Maine Extension Pest Management Office – <http://pmo.umext.maine.edu>

MA

Massachusetts Dept. of Food and Agriculture – <http://www.massgrown.org/>

Univ. Mass Extension Agroecology Small Fruit Program – <http://www.umass.edu/umext/programs/agro/vegsmfr/>

NOFA/MA – <http://ma.nofa.org>

NH

New Hampshire Dept. of Agriculture, Markets & Food – <http://www.state.nh.us/agric/aghhome.html>

UNH Cooperative Extension – <http://ceinfo.unh.edu>

NY

New York Dept. of Agriculture and Markets – <http://www.nysl.nysed.gov/ils/executive/agric.html>

Cornell Cooperative Extension – <http://empire.cce.cornell.edu/>

PA

Pennsylvania Dept. of Agriculture – http://www.state.pa.us/PA_Exec/Agriculture/overview.html

PennState College of Agriculture – <http://www.penpages.psu.edu>

RI

Rhode Island Division of Agriculture – <http://www.state.ri.us/dem/org/agric.htm>

URI Extension – <http://www.edc.uri.edu/>

NOFA/RI – <http://users.ids.net/~nofari/>

NJ

New Jersey Dept. of Agriculture and Markets – <http://www.njda.state.nj.us>

Rutgers Cooperative Extension – <http://www.rce.rutgers.edu>

VT

Vermont Dept. of Agriculture, Food & Markets – <http://www.cit.state.vt.us/agric/>

UVM Extension – <http://ctr.uvm.edu/ext/>

NOFAVT – <http://www.nofavt.org>

Miscellaneous:

Virginia Small Fruit Teaching and Extension Small Fruit IPM – <http://www.ento.vt.edu/Fruitfiles/small-fruit-ipm.html>

Ohio Commercial Small Fruit and Grape Spray Guide – <http://www.hort.purdue.edu/hort/ext/sfg/01-Ohio.html>

Northwest Berry and Grape Information Net – <http://www.orst.edu/dept/infonet/>

The Small Fruits of New York; Historic Fruit Images – <http://www.ars.grin.gov/ars/PacWest/Corvallis/ncgr/sfny.html>

The Midwest Small Fruit and Grape Net – <http://www.ag.ohio.state.edu/~sfgnet/>

Ohio Ministry of Ag., Food & Rural Affairs – <http://www.gov.on.ca/OMAFRA/english/crops/hort/fruit.html>

Strawberries

Associations

North America Strawberry Growers Assoc. (NASGA), Robert and Donna Cobbleddick, 324 Lake St., Grimsby, Ontario Canada L3M1Z4. 905-945-9057

Publications

The Strawberry into the 21st Century, 1991. Adam Dale and James Luby, eds, Timber Press, Inc., 999 S.W. Wilshire, Portland, OR 97225.

Videos

Growing Together: IPM & Commercial Strawberry Growers; Iowa State University Extension, Mark Gleason. 515-294-0579.

Integrated Pest Management in Strawberries: A Training Video for Growers. Minnesota Fruit & Vegetable Growers Association, Kevin Edberg. 612-297-2301. \$19.50

Guides and Bulletins:

Strawberry Production Guide for the Northeast, Midwest, and Eastern Canada, NRAES-88. 1998. Marvin Pritts and David Handly, eds, UMass Extension Bulletin Distribution Center, Draper Hall/UMass, Amherst, MA 01003, 413-545-2717. \$50.

Compendium of Strawberry Diseases, 2nd edition. 1998. John Maas ed. American Phytopathological Society, St. Paul, MN 551211-2097. \$30.

Integrated Pest Management for Strawberries in the Northeastern United States. 1993. Daniel Cooley and Sonia Schloemann, eds. UMass Extension Bulletin Distribution Center, Draper Hall/UMass, Amherst, MA 01003. 413-545-2717. \$7.50

Dayneutral Strawberry Production Center, 7 Research &

- Technology Park, Ithaca, NY 114850. \$2.50
- Strawberry IPM Scouting Procedures; A Guide to Sampling for Common Pests in New York State. 1991. Joseph Kovach, Wayne Wilcox, Arthur Agnello, and Marvin Pritts. Cornell Cooperative Ext. Bulletin 203a. Distribution Center, 7 Research & Technology Park, Ithaca, NY 14850. \$10.
- Ohio Strawberry Production, Management and Marketing Manual. Bull. No. 1726-436, Ohio Cooperative Extension Service Publications Office, 258 Kottman Hall, 2021 Cottey Rd., Columbus, OH 43210. \$10.
- Strawberry Varieties for Maine. David Handley. Cooperative Extension, Univ. of Maine, 5741 Libbey Hall, Orono, ME 04469
- A High-Productivity Annual Strawberry Production System, No. FS784. Dr. Joseph A. Fiola, Specialist in Small Fruit and Viticulture, Rutgers Cooperative Extension, NJAES, New Brunswick, NJ
- New Jersey Commercial Strawberry Pest Control Recommendations I. 1998. No.FS193. Dr. Joseph A. Fiola, Specialist in Small Fruit and Viticulture, Dr. Peter Shearer, Specialist in Tree Fruit Entomology, & Dr. Norman Lalancette, Specialist in Tree Fruit Pathology, Rutgers Cooperative Extension, NJAES, New Brunswick, NJ
- New Jersey Commercial Strawberry Pest Control Recommendations II. 1996. No. FS194. Dr. Joseph A. Fiola, Specialist in Small Fruit and Viticulture and Dr. George C. Hamilton, Specialist in Pesticides, Rutgers Cooperative Extension, NJAES, New Brunswick, NJ
- New Jersey Commercial Strawberry Pest Control Recommendations III Weed Control and Renovation. 1996. No. E-171. Bradley A. Majek, Specialist in Weed Science, Dr. Joseph A. Fiola, Specialist in Small Fruit and Viticulture, and Windfred P. Cowgill, Professor, Rutgers Cooperative Extension, NJAES, New Brunswick, NJ
- Strawberries in the Home Garden. No. FS098. Dr. Joseph A. Fiola, Specialist – Small Fruit, John K. Springer, Specialist – Plant Pathology, Stuart R. Race, Specialist – Entomology, and John A. Meade, Specialist – Weed Science, Rutgers Cooperative Extension, NJAES, New Brunswick, NJ
- ### **Newsletters**
- Strawberry IPM Update; Mark Gleason, ed., Dept of Plant Pathology, 351 Bessey Hall, Iowa State Univ., Ames, IA 50011 515-294-0579. Free
- NASGA Newsletter; 324 Lake St., Grimsby Ontario Canada L3M1Z4 905-945-9057. Benefit of membership.
- ### **Internet Web sites**
- North American Strawberry Growers Assoc. – <http://www.fvs.cornell.edu/GrowerOrganizations/NASGA/WELCOME.HTM>
- Oregon Strawberry Commission – <http://www.peak.org/~berrywrk/osc/osc.html> □

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PLANT & PEST ADVISORY

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