Cranberry Management Update
Radisson Hotel Plymouth Harbor
(Formerly the Sheraton Inn)
Tuesday, January 14th, 2003  7:30 AM - 1 PM

This educational program is a streamlined session with “how-to” information for growing cranberries effectively and economically. It is being offered as an alternative to the Cranberry Production Training and the Research & Extension Update Meetings, which will not be offered this year. We plan to offer a pesticide management meeting in early April.

This meeting will offer an opportunity for the Cranberry Station faculty and staff to present areas of research that have reached the grower-implementation stage.

$15.00 charge includes a morning coffee, a mid-morning coffee break and handouts. Pesticide re-certification credits for the cranberry category will be offered - 3 contact hours.

TENTATIVE SCHEDULE

7:30 -  7:45  Registration, (with coffee)
7:45 -  8:00  Station Update - Carolyn DeMoranville
8:00 -  8:15  Best Management Practices - Carolyn DeMoranville
8:15 -  8:45  Perennial Weed Control - Hilary Sandler
8:45 -  9:05  Strawberries Project - Sonia Schloemann
9:05 - 10:05  Diversified Business Strategies - Panel

10:05 - 10:45  Coffee break with poster session
10:45 - 10:55  Flood & Carbohydrate Stress in Cranberries - Justine Vanden Heuvel
10:55 - 11:15  Raptor Retrofit Project - Joanne Mason
11:15 - 12:05  Disease Management - Frank Caruso / Nora Catlin
12:05 - 12:55  Insect Management - Anne Averill / Martha Sylvia

Please register using form on page 5
Pesticide News Update

- **Voluntary agreement to phase out Guthion use.** Bayer CropScience has voluntarily agreed to phase-out the labeled uses of the insecticide, Guthion (azinphos-methyl) on 30 crops.

  The cancellation of the product on the fruits will be effective December 31, 2005 as part of the EPA’s Food Quality Protection Act (FQPA). The move could impact apple, blueberry, cherry, pear, nectarine, peach, caneberry and nursery stock growers.

  The agreement partitions crops into three groups. First group is the Time-limited registration (cancelled December 31, 2005 unless submitted data indicates registration should be continued): almonds, apples, blueberries, brussel sprouts, cherries, nursery stock, parsley, pears, pistachios and walnuts.

  The second group is considered Phased out (cancelled as of August 31, 2005 and cannot be used after December 31, 2005): cotton, cranberries, nectarines, peaches, potatoes, southern pine orchards and canebberries.

  The use of Guthion has been Cancelled on: alfalfa, beans, broccoli, cabbage, cauliflower, citrus, celery, clover, cucumbers, eggplant, filberts, grapes melons, onions, pecans, peppers, plums, quince, spinach, strawberries, and tomatoes. (source: Fruit Growers News).

- **Diazinon Reregistration.** The Cranberry Institute has been working with the registrant and EPA to maintain our Diazinon registration. The proposed changes are: 1) reduce the total number of applications from 4 to 3 per year; 2) phase-out the use of granular formulations in MA, NJ, and WI in 2007. OR and WA will maintain their 24(c) registrations; 3) reduce the number of granular applications from 2 to 1 per season in all states; 4) eliminate aerial applications; and 5) extend the REI from 24 hr to 5 days (early re-entry with appropriate PPE allowed). The interim reregistration decision (IRED) was signed by EPA on August 11, 2002. Upon publication in the Federal Registry, there will be a 60-day comment period. CI promises to monitor the process diligently. (Source: CI News).

- **Parathion Tolerance revoked in US.** EPA revoked 73 tolerances for residues of Parathion on June 5, 2002 and the cranberry tolerance was officially revoked on September 3, 2002. Thus, fruit found with residues of Parathion will no longer be permitted into the US. Even though the use of ethyl parathion had been cancelled in 1991, a residue tolerance for cranberry had still been in place until September 3, 2002. (source: CI News)

- **Tolerance for Stinger (clopyralid) has been published.** The tolerance established for residues of Stinger on cranberry is 4.0 ppm. Based on this news, we are hopeful that a full (Section 3) label should be available for the use of Stinger in the 2003 field season. (source: MA DFA)

- **New PHI for Weedar 64.** On Sept.30, 2002, EPA requested that the MA DFA provide amended supplemental labeling for the use of Weedar 64 on cranberry. The amendment included the use of 30-day preharvest interval (PHI) into the supplemental label. Copies of the new supplemental label are available by request from the Cranberry Station or from your local ag dealers. (source: MA DFA).
**NEWS UPDATE**

**IT’S OFFICIAL!**
As of this month, I have officially become the Station Director. I am excited to take on this challenge and look forward to working with the Station faculty and staff in carrying on our mission to provide excellence in research and outreach in support of the Massachusetts Cranberry Industry. We have developed a excellent research team and will look to build on our strengths, maintaining our close relationship to the Massachusetts growers and strengthening our ties to our home campus (Amherst) and our sister campus in Dartmouth. I am confident that we will continue to provide strong, research-based information and programs in the months and years ahead. I am excited by the opportunity to lead this team to an even more excellent future.

**THE 2002 CROP - WHAT HAPPENED?**
Join me on **December 12 from 1 to 3 p.m.** in the Station Library for a discussion of the 2002 crop. Let’s share our experiences to try to determine what, if anything, we can do to anticipate and prevent the sort of poor crop we had this season. Is it just the drought, residual effects of cranberry weevil, frost, reduced inputs in prior years? Come and share your ideas.

**EDUCATIONAL OPPORTUNITIES**
As the season winds down, it is time to turn our attention to learning opportunities. This fall and winter, there are several excellent offerings to expand our knowledge of cranberry growing, business planning and management, marketing, computers and composting. In this newsletter, look for our Cranberry Production Training Workshop program and registration as well as a listing for agriculture programs through the UMass-Dartmouth Division of Continuing Ed and an announcement for “Tilling the Soil of Opportunity”. Look for more educational programs from Rick Connole of SEMAP as we move into the winter.

**TELL US WHAT YOU THINK - TELL US WHAT YOU GROW**
As you sign up to continue on the newsletter mailing list, take a minute to answer our quick survey regarding research priorities on the back. This will help us to show funding agencies that there is need for research in these areas and will also help us to develop applied research and educational programs.

About 10 years ago, we surveyed MA growers regarding what cranberry varieties you were growing. This year we hope to update that information. Please take a moment to fill out the variety survey. This information helps us to plan research activities on relevant varieties.

**SARE FARMER/GROWER GRANT PROGRAM**
Just a reminder that the deadline for applications for these grants is December 9. Up to $10,000 per farm is available to test innovative practices. See the SARE Web site at [www.uvm.edu/~nesare/FGinfo.html](http://www.uvm.edu/~nesare/FGinfo.html) for details and application form. Remember that to apply, you must have a technical advisor. Station faculty and staff can serve in this capacity. Don’t hesitate to ask one of us to help.

**AGRO-ENVIRONMENTAL TECHNOLOGY GRANT PROGRAM**
The goal of the Agro-Environmental Technology program, run by the Department of Food and Agriculture, is to stimulate the research and application of new and innovative technologies that will improve the agricultural industry in Massachusetts. Examples of past projects can be found on the DFA website at [www.mass.gov/dfa](http://www.mass.gov/dfa). Applications will be available in December. For more information or to request an application contact Susan Phinney at 617-626-1772, susan.phinney@state.ma.us. The application will also be available electronically.

**CAROLYN DEMORANVILLE**
**DIRECTOR**
**2002 AG CENSUS COMING SOON**

USDA will soon be conducting the 2002 Census of Agriculture. Conducted every five years, the census provides a clear picture of agriculture at the county, state, and national levels.

Forms will be mailed to farmers in December to collect data from the 2002 calendar year. Forms will be due by February 3, 2003.

Response to the Census of Agriculture is required by law. Data reported by farmers is held in strictest confidence and summarized to prevent identification of individual farms. Results will be available in printed and electronic form.

For more information, call the New England Agricultural Statistics Service at 800-642-9571 or visit www.usda.gov/nass

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**WORKER PROTECTION TRAININGS**

**CRANBERRY STATION LIBRARY**

**2 - 4 PM**

Worker Protection Trainings for cranberry workers in the Handler category will be offered in the spring of 2003: April 30, May 28, and June 25. Anyone working on the bog must be trained every five years unless they are a family member or already have a pesticide license. There will be a $5.00 charge that includes training book and EPA verification card.

Contact Martha Sylvia:
508-295-2212, ext. 20
for additional information.
Advanced sign up is a MUST!!!!

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**UMASS DARTMOUTH OFFERS AGRICULTURAL COURSES AND SEMINARS**

Computer Training for Agricultural Business, $50
Composting Workshop Series, $75
Introduction to the Internet for Ag Business, $30
Quickbooks Pro for Ag Business, $179
Quickbooks Pro for Ag Business, $179
Success at a Farmer’s Market, $50
Developing your Business Vision:
Equestrian Business Law, $30
Financial Investment Management: Ag Business, $30
Agricultural Marketing, $30
Financial Management: Selling Development Rights, $30

Courses are offered at the UMass Dartmouth Professional and Continuing Education Center, 139 South Main Street, Fall River. For more information or to register, call 508-678-3636 or 508-999-9129.
### Cranberry Station Newsletter Renewal

**YOU MUST RETURN THIS FORM TO STAY ON OUR MAILING LIST!!**

The Cranberry Station Newsletter is provided **free to all MA growers, cranberry researchers and IPM consultants nationwide.** 

**Subscription fee of $15** (for a single one-year subscription) is required for **out-of-state growers and industry personnel.** All persons wishing to receive this newsletter (whether paying or not) must complete and return this renewal form to maintain a subscription. Include a check (made out to UMass) with the renewal form if you are out-of-state or are industry personnel. **All out-of-state and or industry personnel subscriptions sent by email are FREE.**

Everyone must respond to this notice by Dec. 31, 2002 or your name will be taken off of our mailing list for 2003!

| NAME ____________________________ | Change of address? (Y or N) __________ |
| COMPANY __________________________ | Please check one: |
| ADDRESS __________________________ | Owner __________ |
| TOWN ____________________________ | Employee __________ |
| ZIP ____________________________ | Researcher __________ |
| PHONE __________________________ | Consultant __________ |
| EMAIL:_________________________ | Industry __________ |
| _Private sector__ __________ | Return to: Cranberry Experiment Station |

P.O. Box 569  
East Wareham, MA 02538

**Please Choose One!!!:** Postal delivery ______ or Email ______

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### Registration Form for Cranberry Management Update

**Tuesday, January 14, 2003  7:30 AM - 1 PM**  
**Radisson Hotel Plymouth Harbor**  
(formerly the Sheraton Inn of Plymouth)

Please register for the meeting using this form.

| COMPANY________________________________________________________________________ |
| CONTACT________________________________________________________________________ |
| PHONE____________________________________ | Return complete form with payment by: |
| NAMES OF ATTENDEES______________________ | **January 6th, 2003** |
|                                           | Include check made out to: |
|                                           | **UMASS** |
|                                           | In the amount of: |
|                                           | **$15 per person.** |
|                                           | Return to: |
|                                           | Cranberry Experiment Station |
|                                           | P.O. Box 569 |
|                                           | East Wareham, MA 02538 |

Attach additional sheets as necessary.
VARIETY SURVEY

It has been 10 years since we surveyed the following information on varieties. At this time we would greatly appreciate it if you would provide us with the information below to update our files. Please check off the varieties you have and the # of acres for each.

<table>
<thead>
<tr>
<th># of acres</th>
<th>Ben Lear</th>
<th>Early Red</th>
<th>Pilgrim</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bergman</td>
<td>Foxboro Howes</td>
<td>Searles</td>
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<tr>
<td></td>
<td>Bugle</td>
<td>Franklin</td>
<td>Shaw’s Success</td>
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<tr>
<td></td>
<td>Black Veil</td>
<td>Grygleski</td>
<td>Stevens</td>
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<tr>
<td></td>
<td>Centennial</td>
<td>Howe</td>
<td>Wilcox</td>
</tr>
<tr>
<td></td>
<td>Crowley</td>
<td>Matthews</td>
<td>Others</td>
</tr>
<tr>
<td></td>
<td>CN</td>
<td>McFarlin</td>
<td>Others</td>
</tr>
<tr>
<td></td>
<td>Early Black</td>
<td>Paradise Meadow</td>
<td>Others</td>
</tr>
</tbody>
</table>

Thank you for you time and consideration

Research Priorities Survey

To respond - mark nine items as follows (please read carefully):

Mark a “1” next to each of your top three research priorities.
Mark a “2” next to each of the three priorities that you think are next in importance.
Mark an “x” next to each of the three items you think are least important.

___ Alternate crops or land use
___ Variety evaluation/improvement
___ Cold hardiness/frost tolerance
___ Water use/irrigation
___ Application technology
___ Environmental/water engineering
___ Pesticide use/registration
___ Pruning
___ Health benefits research
___ Organic production
___ Weed management
___ Plant Physiol. - improved production
___ Plant Physiol. - color/health
___ Sanding
___ Pest control, non-chemical
___ IPM
___ Insect management
___ Plant Nutrition
___ Disease Management
___ Water quality
TILLING THE SOIL OF OPPORTUNITY

nX Level Business Planning Course for Massachusetts Agricultural Enterprises
Sponsored by MDFA at the USDA Service Center in West Wareham
Starts January 9, 2003 - $250

The Massachusetts Department of Food and Agriculture sponsors regional delivery of this innovative self-directed course written for existing agricultural businesses that want to examine their operations and/or make sustainable changes. Enrollment is limited to 15 students. Over a twelve week period of weekly sessions, the course uses 35 hours of classroom time, individualized technical assistance and confidential financial planning to walk you through the creation of a business plan that can help guide decision making on your farm. Over 150 Massachusetts farmers have taken this course. Rick Connole of SEMAP has taught this course in previous years. Contact Rick at Extension 50 if you would like to learn more about the course or see the DFA contact information below.

For further information and an application form, contact:
Rick Chandler, ABTP Director
Massachusetts DFA
25 West Experiment Station
University of Massachusetts
Amherst, MA 01003
413-545-0459 or rchandler@umext.umass.edu

ROT VERSUS SCALD

The fruit quality in this season’s crop was certainly less than any of us desired. It met our predictions (1 of 16 points in the keeping quality forecast), but nonetheless, there were a few surprises. For the second straight year Stevens fared very poorly, with some beds not even worth harvesting. Other cranberry beds that received seemingly adequate fungicide applications also went south. The weather during the major portion of the growing season (extreme temperatures and no precipitation) put a tremendous stress on the vines. I personally think that much of what appeared to be fruit rot was actually scald. The problem in distinguishing the two is noting the condition of the berries immediately after the “event”. More often than not, we don’t note the poor condition of the berries until afterward when scalded berries look exactly like rotted berries.

I would appreciate getting your feedback on what you think happened where the fruit quality was poor. I would also like to know whether you feel it would be worthwhile to have another informal “meeting of the minds” as we did in the Station library last January to bat our ideas and theories around. Let me know what you think.

FRANK L. CARUSO
PLANT PATHOLOGY
DeMoranville Appointed Director of UMass Cranberry Experiment Station

NEWS RELEASE — AMHERST, Mass. - Carolyn J. DeMoranville has been appointed director of the University of Massachusetts Amherst Cranberry Experiment Station in East Wareham. The appointment, which is effective Nov. 3, was announced by Cleve Willis, dean of the College of Natural Resources and the Environment. DeMoranville is the fifth director in the station’s 90-year history, and the first woman to serve in that position. A member of the third generation of a Massachusetts cranberry growing family, she follows in the footsteps of her late father, Irving DeMoranville, who served as director of the cranberry station from 1981 until his retirement in 1996.

Willis says a national search was conducted for the position and in DeMoranville, “The search committee found the most distinguished candidate right in our midst.” He said, “Dr. DeMoranville is truly outstanding in every important dimension. The importance of her research is recognized externally as well as valued within the industry, and the exceptional quality of her administrative skills is apparent.”