

A newsletter for the cranberry growers of Clement Pappas & Co.

EPA approves new pesticides for cranberries

by Jere D. Downing

The EPA has approved several new pesticide registrations for cranberries that are available for this crop year.

Insecticides

Intrepid (methoxyfenozide) is a new growth regulator type product from Dow Agrisciences. Intrepid is closely related to *Confirm*, another fairly new growth regulator product already available for cranberries. Intrepid is expected to be very effective against a wide range of worms, as is *Confirm*, but with additional effectiveness against cranberry fruitworm and Sparganothis fruitworm, two pests that *Confirm* was not effective against.

Special Intrepid Note for Wisconsin Users:

Label restrictions limit Intrepid use because of the Endangered Species concerns around Karner Blue Butterfly habitat. The label does not allow use within one mile of sandy habitats that support wild lupine plants in a number of counties in central and northern Wisconsin, including many of the major cranberry growing regions.

Obtain a copy of the label from your dealer and look to the Wisconsin State Cranberry Growers Association for updates.

Admire (imidacloprid) is a product of Bayer and is expected to be effective against soil insects including grubs and, hopefully, cranberry girdler. With the cancellation of Diazinon granular formulations in the east and mid-west cranberry areas in a couple of years, Provado may be an effective alternative for girdler control.

Fungicides

Abound (azoxystrobin) is from a new class of fungicides from Syngenta and now registered for use on cranberries to control fruit rot diseases. Some cranberry plant pathologists are recommending that *Abound* be used in rotation with *Bravo* for good rot control.

All of these new registrations are a result of projects that the cranberry industry initiated with the IR-4 Project based at Rutgers University, NJ, several years ago. As we saw the impact of the FQPA pesticide revision law on old cranberry registrations, our university researchers tested new candidate products, identified successful products for registration submission, and joint funding was provided by the Cranberry Institute, grower associations, and the IR-4 Project. These will be the new products that carry the industry forward for years to come.

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New insecticide spray effectively controls Cranberry and Sparganothis fruitworm

by Jayne Sojka/Lady Bug IMP, Pittsville, WI

Anne Averill and Martha Sylvia have written an excellent book entitled "Cranberry Insects of the Northeast" and within its pages are Cranberry Fruitworm and Sparganothis Fruitworm life cycles. After years of research we feel that we can now time fruitworm sprays to get

control of these two pests.

Once your IPM consultant shares that timing with you there are some other items to consider when putting your insecticide out there.

1) If you wet your vines down first you will have less of a chance for



The Cranberry Fruitworm

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Musings ... by Dean Pappas, CEO



Dean Pappas

We see promising events and positive signs for our cranberry industry.

Sales of certain cranberry product lines are growing. Both lite and white cranberry juice and blends are gaining share in the marketplace. Sweet dried cranberries continue to be introduced into many new products. Overseas sales, particularly in the English speaking countries, continue to increase. The health and nutritional benefits of cranberries are effectively being touted by the Cranberry Institute, Cranberry Marketing Committee, the Cooperative, and by independent companies. Those who have contributed to this success are to be congratulated. As a result of increased usage, cranberry inventories are coming into balance. It is difficult to maintain balance on a perennial such as cranberries, particularly when there is at least a three-year lag from conception to harvesting a crop.

We at Clement Pappas continue to push sales of cranberry products. We must accept the fact that existing prod-

ucts are mature and in order to generate additional sales we must be innovative. We are excited about some of our recent initiatives. Our business is growing and we continue to seek out good growers to add to our excellent group of cranberry producers.

On June 20, we completed the purchase of our Ontario, Calif., facility. Once this processing facility is operating, which we anticipate to be by January 1, 2004, we will be a national supplier to the customers we service. In addition to the 197,000 square feet single story modern plant, we acquired 7 1/2 acres of contiguous land for future expansion. The location is in the shadow of the Ontario Airport and is within a mile of three major interstate highways.

Clement Pappas, third generation member of the Pappas family, has been named plant manager and has begun assembling an organization to staff this facility. The first line will be a very flexible, high speed, state-of-the-art production line capable of producing a wide variety of products. We see great opportunities for expanding in this market with existing and new products as well as existing and new customers.

Clement Pappas employee retires after 47 years

Clement Pappas employees recently helped Alice Murphy celebrate her retirement after 47 years with the company. Special plant scheduling on May 31 permitted employees from all three shifts of the Seabrook Plant to join Alice and her family at a retirement luncheon to celebrate her accomplishment.

Alice was hired by the founder of the company, Clement Pappas, and worked for him and his wife, Helen, during her first several years of employment. She expressed great appreciation for the mentoring they provided her in both the workplace and in her personal life. Her career at Clement Pappas continued under Dean and Peter and they provided her with opportunities for professional growth as the Company grew and became a year around operation.

When Clement Pappas, Peter's son



Alice Murphy, second from right, shares a light moment at retirement luncheon with, from left, her daughter; Peter Pappas, C.O.O.; and Dean Pappas, C.E.O.

and the first of the third generation of Pappases joined the company in the late 1990's at the Seabrook plant, he and Alice also formed a close relationship...one in which Alice was able to provide him with the wisdom of her years of experience.

Followed company statement

During her retirement luncheon, Murphy's co-workers recognized her as a person who supported all aspects

of the Clement Pappas company statement. Her favorite saying is "Whatever you do, just do the right thing."

Murphy was lauded as a person who has strong beliefs and lives by them. She was also recognized as a special person with extraordinary caring and helpfulness. Peter Pappas commented, "Alice is just somebody who commands respect because of how she conducts

herself."

At the luncheon, Alice was presented with several gifts from her co-workers and Dean and Peter Pappas. One of her gifts from Dean and Peter Pappas was a trip for two to England. She also received a gift certificate to Shop Rite, where she will purchase food for her volunteer work cooking soup for needy people.

Receiving Station improvements on schedule

Several key improvements in the Massachusetts Receiving Station are on schedule for completion before harvest. These changes should be pleasingly noticeable by growers. The biggest improvements include some new software and computer hardware that will:

1. Simplify the reports you receive from Clement Pappas regarding the quantity and quality of fruit delivered to the station.
2. Insure the accuracy of information transfer from the Receiving Station into the Clement Pappas computer system.
3. Push back the fruit delivery cutoff date used in calculating the first crop payment (for those that deliver fruit late in the season). The new direct computer connection means that crop information will be "in the system" the same day that you deliver your fruit.

A grower committee from



Darren Morris, left, and Allen King inspect new pool coating at the Massachusetts Receiving Station.

Massachusetts helped Clement Pappas personnel develop the new software and grower reports. Thanks are due to Wayne Hannula, Linda Rinta, Carol Pierce, and Sue Gunberg for their help in this effort.

Other improvements

Other improvements include pool coatings, improved flooring and some re-arrangement of certain parts of the plant's interior for better physical separation of the processed and fresh fruit operations.

Cranberry Growers in regions other than Massachusetts shouldn't feel neglected. Our fruit-receiving partners, in virtually every region where we obtain cranberries, are making improvements before harvest.

Most notably, Gardner's Cold Storage in Pittsville, WI, is building a Grower-Direct Receiving Line, which will make all cranberry deliveries for all their customers more efficient. Gardner Cold Storage is recognized as an industry leader, committed to the future of the cranberry industry in Wisconsin.

Company Statement

Clement Pappas Company is dedicated to QUALITY, INTEGRITY, and ACCOMPLISHMENT. Our commitment to these values in planning, directing, and performing our work will assure the continued growth and success of our People, our Products, and our Customers.

ASSURE FOR OUR PEOPLE:

A Quality workplace where there is respect for every person and their job: clear definition and communication of responsibilities; encouragement for the free expression of ideas; a safe, clean environment. A workplace where the Integrity of every individual promotes mutual trust and teamwork among all.

A workplace where Accomplishment is respected,

rewarded, and each individual has the opportunity for growth and fulfillment.

ASSURE FOR OUR PRODUCTS:

A standard of Quality that every package consistently meets. Integrity through wholesome foods priced fairly. Accomplishment through efficient production, managerial leadership, and technical capability to achieve the lowest cost.

ASSURE FOR OUR CUSTOMERS:

Quality by consistently meeting their expectations. Our Integrity: that they can always rely on us. Accomplishment by understanding and fulfilling their needs promptly and efficiently while striving to be the best at what we do.

Cranberry Fruitworm can be controlled with spray

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toxicity. We don't want the water running off the vines; they should be just damp so that the insecticide does not sit on the tender tissue and burn.

2) When mixing your chemical in the tank, it is wise to put just what the label suggests for water in first and then the chemical, agitate and then add the balance of water.

3) In Wisconsin the buzz word is coverage, coverage, and then coverage! Does 15 gallons of water per acre give you the same coverage as 25 gallons of water? For some people it is enough but for most of us we find that the combination of wetting vines

down and using a little more water per acre works better.

If you do not get the chemical where the insects are feeding you will NOT get control! We find that in a boom application it is best to see the moisture all the way across and down the vines.

With Fruitworm you know that they are slipping into our precious berries and you must get the insecticide where the pest is feeding or you're applying in vain. Read your label; if it says 20 gallons of water, please use that amount — do not skimp.

4) Watch your pH. If a product

that you are using tells you that 4.5 to 5.0 is best, then make sure that you buffer your water down to the pH before you put chemical in your mix tank.

5) Use the correct product for the pest that you are addressing. Some products work better than others and your consultant will know which ones are best for your individual situation.

Good luck with your fruitworm spray. The book can be purchased from UMass Cranberry Experiment Station, P.O. Box 569, East Wareham, MA 02538. Call 508-295-2212, ext. 20, or fax 508-295-6387.

Industry Calendar

Event	Date	Location
Quebec Cranberry Field Day	7/31/03	St-Louis de Blandford, Quebec
WSCGA Cranberry Field Day	8/6/03	Wisconsin Rapids, WI
CMC Summer Meeting	8/25/03	Plymouth, MA