

## IPM Course Offered For Teachers

UNIVERSITY PARK (Centre Co.) — The three Rs and the ABCs long have been staples of the public school curriculum. Now, Pennsylvania students are required to learn their IPM. For teachers, this means switching roles and going back to school.

In response to the new academic standards that call for integrated pest management, or IPM, to be taught as part of units on the environment and ecology, the Pennsylvania Integrated Pest Management Program is offering

a course to help teachers incorporate IPM into their curriculum.

IPM aims to control pests — such as insects, diseases, weeds and animals — by combining physical, biological and chemical tactics that are safe and environmentally compatible.

“IPM for Teachers: Meeting New Academic Standards for Environment and Ecology,” will be conducted June 24-27 at Penn State’s University Park Campus. “The course will provide the basis for teaching IPM concepts

in the classroom, as well as in-door and outdoor activities to demonstrate real-world pest management decision-making skills,” says Lyn Garling, education specialist at Penn State.

For more information on the course content, contact Lyn Garling by e-mail at [ljg5@psu.edu](mailto:ljg5@psu.edu) or by phone at (814) 863-8884, or visit the Web at <http://paipm.cas.psu.edu/schools/ipmcourse.html>. To register, contact the office of Conferences and Short Courses at (814) 865-8301.

## Penn State Entomologist Awarded Grants

UNIVERSITY PARK, Pa. — Consuelo De Moraes, assistant professor of entomology in Penn State’s College of Agricultural Sciences, will receive a personal research grant from the Arnold and Mabel Beckman Foundation.

De Moraes’ research on the chemical relationships between plants and insects will be supported by an award of \$240,000 from the foundation’s Young Investigator Program to be allocated over a three-year period. The foundation awards grants to non-profit research institutions to promote research in chemistry and life sciences. Each year, the Beckman Young Investigator Program provides support to the most promising young faculty members in the early stages of their academic careers.

De Moraes also recently received a research grant from the David and Lucile Packard Foundation Fellowship for Science and Engineering. She will receive \$625,000 from the Packard Foundation to be allocated over a five-year period.

De Moraes’ research focuses on the chemical communication of plants and the defensive responses of plants to insect feeding.

De Moraes received her bachelor’s degree in ecology in 1992 from the Universidade Federal de Minas Gerais in Brazil. In 1998, she earned a doctoral degree in entomology from the University of Georgia. She joined Penn State’s department of entomology in 2001.

## N.Y. Fruit Growers Can Apply For IPM Funds

ITHACA, N. Y. — Fruit growers in New York are eligible to apply to the Natural Resources Conservation Service branch of USDA for reimbursement for integrated pest management (IPM) practices that contribute to environmental conservation.

According to Frances Tucker of the NYS Agricultural & Environmental Management Program (AEM), farmers should visit their local NRCS office to apply for the reimbursement.

Depending on whether a farm is a standard, limited resource, or beginning farm, reimbursement opportunities for IPM practice can vary from 50/50 to 90/10 cost sharing. It is a competitive application process.

An IPM Standard (595) has been developed for the US and adapted for New York. NRCS will use the IPM Elements developed cooperatively by growers, processors, Cornell faculty, Cornell Cooperative Extension staff and others as a basis for determining specific IPM practices.

IPM Elements are

available for sweet cherries, strawberries, raspberries, and blueberries at: <http://www.nysipm.cornell.edu/elements/index.html>. IPM Elements for apples are in development and will be posted as soon as possible.

Most funding for IPM practices is through the EQIP or Environmental Quality Improvement Program. However, New York NRCS has indicated that IPM reimbursement could also be available under CRP (Conservation Reserve Program), WRP (Wetlands Reserve Program),

and AMA (Agricultural Management Assistance Program).

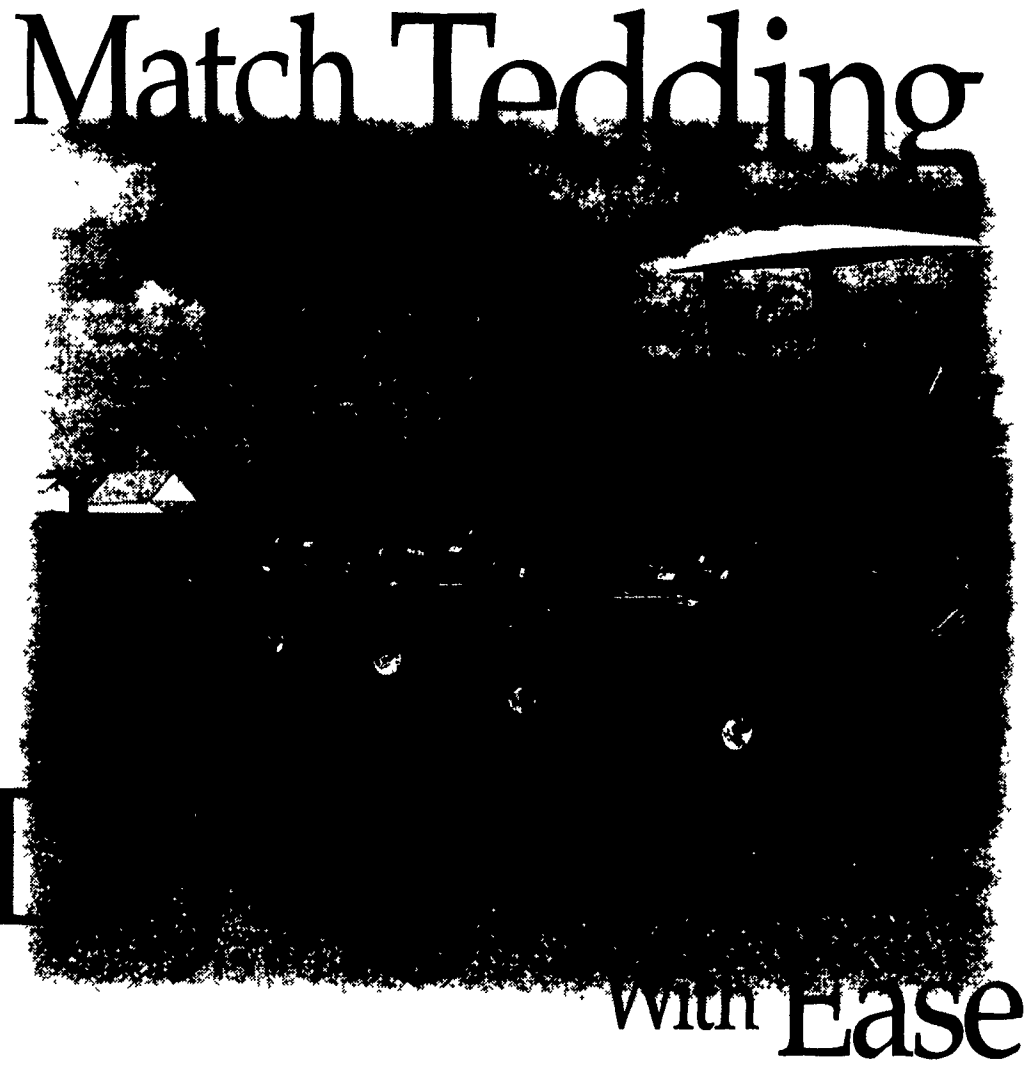
In addition, there is funding under these programs for reimbursement of Technical Service Providers (private consultants and extension personnel) who provide IPM services for farmers. To learn more about the technical service categories and Technical Service Providers see <http://techreg.usda.gov/>.

For information on a variety of small farm topics, visit Cornell’s Small Farms Web Site at [www.smallfarms.cornell.edu](http://www.smallfarms.cornell.edu).

## \$110 Million Allotted For Ag Trade

WASHINGTON, D.C. — USDA Secretary Ann Veneman has announced fiscal year 2003 allocations of \$110 million to 65 U.S. trade organizations to promote agricultural products overseas under the Market Access Program (MAP).

Veneman said that exports are expected to reach \$56 billion this year, which support 840,000 jobs and that for every \$1 billion more, 15,000 new jobs are created.



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