

Award Category: Regional IPM Program
Nominee Name: Integrated Plant Protection Center
Nominee Title: Paul Jepson, Director
Nominee Affiliation: Oregon State University
Nominee E-mail: jepsonp@science.oregonstate.edu
Nominee Phone: 541-737-9082
Nominator Name: Coakley, Stella
Nominator Company: Oregon State University
Nominator Title: Associate Dean
Nominator Phone: 541-737-5264
Nominator E-mail: stella.coakley@oregonstate.edu
Supporting Document: SUBMITTED
Vita:
Improving economic benefits related to IPM adoption: Checked
Reducing potential human health risks: Checked
Minimizing adverse environmental effects: Checked

Brief Summary of Nominee's or Program's Accomplishments (500 words or less):

The Integrated Plant Protection Center (IPPC) at Oregon State University provides national and international leadership for research and extension in integrated pest and production management (IPPM) systems.

The goals of the IPPC are to improve agricultural sustainability and food security in Oregon, the Pacific Northwest and beyond by developing and delivering state-of-the-science IPPM systems in collaboration with our stakeholders.

Nationally, IPPC has contributed towards meeting the goals of the US National Roadmap for IPM; internationally, IPPC is assisting in meeting three of the eight UN Millennium Development Goals: the eradication of extreme poverty and hunger, the establishment of environmental sustainability and the creation of a global partnership for development.

The IPPC has established a core facility that continues to deliver certification programs for pesticide applicators and which develops and delivers tools, services, research and education programs that enable IPM adoption.

The IPPC programs enhance national and international biosecurity through the deployment of pest risk assessment tools, and through the development of environmental and human health risk assessment procedures and analyses. They also enhance national and international biosafety through the development of advanced GM crop risk assessment tools for potential environmental impacts.

Under Dr. Jepson's leadership, the IPPC has established and maintained communication networks within and among IPM stakeholders in Oregon and the Pacific Northwest, channeled significant resources beyond IPPC that enable targeted research and outreach priorities to be addressed at Oregon State University, and has created participatory research programs with producers in Oregon, to enable more sustainable production practices.

Describe the goals of the program being nominated; why was the program conducted? What condition does this activity address? (250 words or less):

The Integrated Plant Protection Center (IPPC) was formed in the College of Agricultural Sciences at Oregon State University (OSU) in 1967, and has been conducting research and outreach in a state, national and international setting ever since. Approximately seventeen faculty and staff are part of the Center in December 2011. Numerous others interface with and benefit from the grants funded through the IPPC.

The IPPC provides a home for the State IPM Coordinator, who works with the USDA CSREES, the federal partner of the Land Grant Universities in the USA, to implement integrated pest management (IPM) practices wherever these are needed. This program of implementation is guided by the National Roadmap for IPM, which has established goals for delivering economically sustainable pest management with lower costs to human health and to the environment in the USA. To help in this process, the USDA has established four regional IPM Centers, and the IPPC works closely with the Western IPM Center based at University of California, Davis.

Describe the level of integration across pests, systems and/or disciplines that was involved. (250 words or less):

The thrust of the programs within IPPC can best be viewed on their website at: http://www.ipmnet.org/IPPC_Programs.htm ; this provides the documentation for the integration across multiple pest systems and disciplines.

Describe the team building process; how did the program being nominated get partners involved? Education and awareness are essential in an IPM program. (250 words or less):

Education and evaluation of program has been an important aspect of all of IPPC's programs. Details are present in the one attachment: IPPC Summary.

What outcome describes the greatest success of the program?:

Broad support from stakeholders and the academic community for the work of the IPPC is the most important outcome. The leveraging of resources from multiple agencies and stakeholder groups is testimony to the success of the IPPC.

Provide evidence of change in knowledge, behavior or condition as a result of the program/individual. (250 words or less):

All of the IPPC programs are regularly evaluated for effectiveness. Details of program outcomes are published and can be accessed via the attached document.

Who or what should receive the most credit for the success of this program? (250 words or less):

Dr. Paul Jepson, as Center Director, has provided the overall leadership for the Integrated Plant Protection Center. He also serves as the state's IPM coordinator. He has empowered numerous other faculty to develop component programs within the IPPC. Those are detailed in the attachment.

If selected, suggested Citation for Award Certificate (40 words or less):

The Integrated Plant Protection Center at Oregon State University is recognized for its sustained contributions to improving agricultural sustainability and food security on a state, regional, and global basis.