

Award Category: Regional IPM Program
Nominee Name: Dr. Thomas A. Green
Nominee Title: President, IPM Institute of North America

Nominee Affiliation:

Nominee E-mail: ipmworks@ipminstitute.org

Nominee Phone: 608-232-1410

Nominator Name: Glick, Sherry

Nominator Company: US Environmental Protection Agency

Nominator Title: National School IPM Expert

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Nominator E-mail: envirolady@aol.com

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):

No matter where you go, or who you speak to, if your meeting focus is integrated pest management (IPM), then Dr. Tom Green's name always comes up! He is the person behind the constructive and innovative programs that are integral for implementing IPM in all environments. From Sysco Foods, to the halls of the US Environmental Protection Agency, from the apple orchards of the Northeast, from the labs of entomologist in academia settings and from many school districts in the Nation -- Tom Green is the go-to-person for IPM implementation. Some say, "He is the Man."

Dr. Green has been a national leader in market-based IPM initiatives for more than twenty years. IPM relies on long-term, preventative strategies to manage pests effectively, while protecting human and environmental health.

Dr. Thomas Green is the President of the IPM Institute of North America. The IPM Institute of North America is an independent non-profit organization formed in 1998 to foster recognition and rewards in the marketplace for goods and service providers who practice IPM. IPM is an approach to managing pests that protects health and the environment, and improves economic returns. IPM practitioners in agriculture and communities learn pest biology and use that knowledge to reduce pest control costs and hazards. IPM relies on inspection and monitoring - to detect and correct conditions that can lead to pest problems. They act against pests only when necessary, and use the least-hazardous methods when action is needed. The Institute's mission is to accelerate adoption of IPM in agriculture and communities by using the power of the marketplace: Consumers want to support suppliers of goods and services who work to preserve the environment and reduce health hazards. Consumer support for IPM can be a powerful incentive for increasing IPM adoption in agriculture, grounds maintenance and public and private facilities. The number and size of eco-label and certification programs which use IPM as a requirement for participation continue to grow in response to participant and consumer demand. The Institute is funded by grants from government, private foundations and industry, memberships and fees for services and programs. The IPM Institute provides services to ecolabel programs and others including IPM research, standards development, program management and inspector training and certification. The Institute operates certification programs for IPM professionals, schools and other organizations and IPM products and services.

Dr. Tom Green is a true leader. His integrity, commitment, dedication and perseverance go beyond the expected 40 hours a week! Tom lives and breathes IPM and is always working at improving the already excellent innovative work ongoing from him and the IPM Institute. Personally, he works around the

clock on implementing IPM programs that harness the marketplace to improve health, environment and economics.

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

IPM STAR: This program is a third-party certification program that recognizes and rewards IPM practitioners who meet a high standard for IPM in schools, childcare centers and school-age programs. The program provides incentives for everyone to reduce pest/pesticide risks for enhancing health and environment. Green has personally worked collaboratively with the US Department of Defense/Army and the EPA to certify the US Army's child development centers.

Green Shield Certified: Is a third-party, independent, non-profit certification program that promotes practitioners of effective, prevention-based pest control while minimizing the need to use pesticides. This certification program is for facilities and pest management service providers and has proved to be very successful with school districts who have the need to contract out pest management. Schools want IPM but struggle with finding services that can ensure their children remain safe with the least pesticide exposure possible in the learning environment.

PRiME stands for the Pesticide Risk Mitigation Engine and is an on-line tool developed and operated by the IPM Institute of NA to provide risk assessments. It assists the users to evaluate pesticide risks using the best available science in an easy-to-use format.

IPM Voice: Is an advocacy organization that Tom Green helped initiate and it was formally unveiled last year. This new venue expands options for all IPM professionals to come together to network and share information and resources, to continue the tremendous progress we have made in reducing pest and pesticide risks since 1972 when IPM first entered the public lexicon.

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

As EPA's National School IPM Expert and the nominating official for this nomination, I can personally attest to a number of activities that have taken place over the years to impact IPM on an international scale.

US EPA's Office of Pesticide Programs invited Dr. Green to speak at the OECD (International Organization for Economic Cooperation and Development). Specifically, EPA is working to harmonize procedures for submitting and documenting technical reviews that support pesticide regulatory decisions; update and standardize testing guidelines; and carry out risk reduction programs such as improved pesticide labeling requirements. EPA has also included Dr. Green in the Pesticide Program Dialogue Committee and the School IPM Subgroup. Dr. Green continues to be a very valuable member of those committees.

Dr. Tom Green and the IPM Institute have positively impacted the EPA's voluntary flagship program, Pesticide Environmental Stewardship Program. The Institute is recognized as a gold member of the highest standing and has recruited a number of our present members including SYSCO Food Products and Wal-Mart among others. During the last several years, Dr. Green and the Institute have received several awards including: 2009 US EPA Pesticide Environmental Stewardship Program National Champion, 2004, 2005, 2008 and 2009 US EPA Office of Children's Health Protection, Recognition Award, 2005 US EPA Region V Award of Recognition for School IPM, 2003.

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):

Dr. Green led the effort for collaboration with the US EPA and the USDA and its IPM Centers to develop a pest management strategic plan for Schools. The final product, School IPM 2015 is an outstanding document and strategy that assesses the current status, compiles best management practices and sets

out a plan of action to achieve full implementation of IPM in all of our public schools by 2015. The plan was co-edited by Dr. Thomas Green and Dr. Dawn Gouge, University of AZ. The plan is at: http://www.ipminstitute.org/school_ipm_2015/SCHOOL_IPM_2015_v2%200_DRAFT_FOR_COMMENT_071111.pdf

From this plan, a number of specific activities have developed including the formation of the National School IPM Working Groups and its steering committee, all of which are led by the IPM Institute under the direction of Dr. Tom Green. Organized from the larger working group is also the smaller workgroups, the North Central School IPM Working Group is co-led by Dr. Green. This same workgroup developed the School's Report Card to gauge where our Nation's schools are with school IPM implementation. This report was so extensive that the US EPA used it as a baseline for where EPA is at with SIPM implementation.

Dr. Green also serves on the Board as Vice President to the Entomological Society of America Foundation. Their mission is to build a future for entomology by educating young people about science through insects. Dr. Green practices what he preaches and monetarily supports the Foundation on a personal level.

What outcome describes the greatest success of the program?:

All of these activities listed here have generated tremendous advances in many IPM programs! For schools alone, the difference is tremendous. Not only by outreach and collaboration, but by direct work with schools and child development centers, IPM can reduce pest complaints by 78% - 90% with no long-term increase in costs (Gouge et al.2006). Millions of children are already positively impacted by the great work going on with School IPM and the numbers will continue to grow! Dr. Green's work with implementing IPM STAR to many schools ensures that our children are protected and that IPM practices will be sustainable within their learning environments.

Two articles recently published from the IPM Institute and school IPM includes:

- "The Business Case for Integrated Pest Management in Schools: Cutting Costs and Increasing Benefits"; http://www.ipminstitute.org/school_ipm_2015/ipm_business_case.pdf
- Reducing Your Child's Asthma using Integrated Pest Management: A Practical Home Guide for Parents"; http://www.ipminstitute.org/school_ipm_2015/ipm_asthma_document.pdf

Dr. Green is a frequent speaker at national and regional meetings on using the power of the marketplace to drive adoption of IPM and other environmentally sound practices. He has been quoted in national publications including Organic Gardening, American Fruit Grower, Nursery Management and Production, Pest Management Professional Magazine and Dealer & Applicator. Dr. Green has provided essential support via seminars, training and program development to corporations, government and non-government organizations working to improve the health and environmental consequences of agricultural production and pest control in community settings.

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

His four successful startups include initiatives in IPM product supply, consulting, risk management and certification and standards development. He has created certification standards, performance evaluation tools and auditor training programs for IPM, soil and water conservation, animal welfare and fair treatment of farm workers. These programs are now in use in for than forty crops as well as school systems and professional services.

Eco Labels are affecting us all by how we shop in the grocery store and what we eat! The IPM Institute under the leadership of Dr. Green has worked with several organizations in developing their labels. Some of the organizations that Tom has been directly involved with include Consumers Union Guide to

Environmental Labels, Food Alliance, Northeast Eco Apples, Protected Harvest, Sysco and US Green Building Council.

Dr. Green has played an integral part in the role of past International IPM Symposiums, both in Indianapolis IN and then again in Portland, OR. This year, for the 7th International IPM Symposium in Memphis, Dr. Green is serving as co-chair for the Symposium.

Quotes about Tom Green provided by supporters include, "In the 22 years I've worked in IPM, Tom has initiated---and worked tirelessly on---more successful and diverse IPM projects than anyone else I know!, according to Carrie Koplinka-Loehr, Co-Director of the NE IPM Center.

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

This nomination was supported by many organizations/professionals from many facets of IPM implementers. Dr. Herbert Bolton, USDA/NIFA;

Dr. Susan Ratcliffe, Director, NC IPM Center;

Lieutenant Colonel Sandra Alvey, US Army, DOD;

Mr. Seth Dibblee, US EPA, Region 5;

Mr. Donald Baumgartner, US EPA, Region 5;

Dr. Dawn Gouge, University of Arizona/Co-Leader Western IPM School Working Group;

Ms. Kathy Seikel, US Environmental Protection Agency, Office of Children's Health Protection;

Dr. Marc Lame, Indiana University;

Mr. Jack Marlowe, President, Eden Advanced Pest Technologies;

Dr. Kathy Murray, Maine Government/Co-Leader of the NE IPM School Working Group;

Dr. Faith Oi, University of Florida;

Dr. Craig Watson, Sysco;

Ms. Linda Herbst, Associate Director, Western IPM Center;

Ms. Georgiann Miller, Sysco;

Dr. Jay Feldman, Beyond Pesticides;

Dr. James R. VanKirk, Director, Southern Region IPM Center;

Dr. Thomas O. Holtzer, Professor and Head, Department of Bioagricultural Sciences and Pest Management, Colorado State University;

Dr. Carrie Koplinka-Loehr, Co-Director NE IPM Center;

Dr. Rick Melnicoe, Co-Director, Western Region IPM Center

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

Suggested Citation: "Recognizing the Champion for IPM Implementation not only in the marketplace, but also in agricultural settings, school environments and hospitals. Dr. Thomas A. Green is an outstanding example of an inspirational leader."