



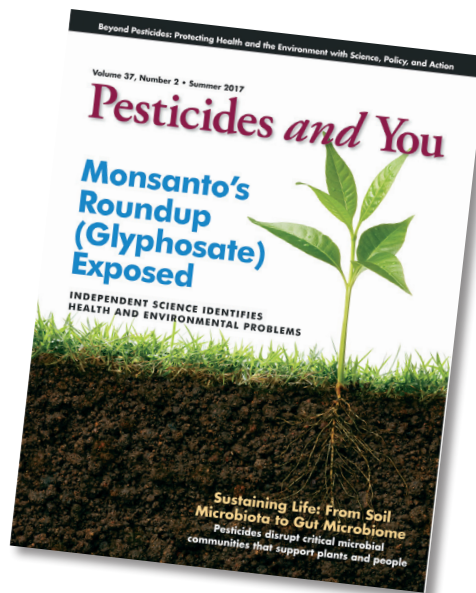
Beyond Pesticides' program uniquely operates at the intersection of policy related to organic and toxic chemical laws at all levels of government, and practices that implement a vision for sustainability that protects health and the environment. With the adverse effects that current policies and practices are having on the sustainability of the planet, the astounding inadequacy of regulatory action, and, in the last year, the dismantling of U.S. Environmental Protection Agency (EPA) programs and reversal of its decisions, there is greater urgency for action to be taken at the local and state level. With feedback from our unique information services and training programs, we are strengthening our collaboration with people, organizations, and elected officials seeking to protect health and the environment.

■ WE SPEAK UP

Our work is based on the belief that an active and informed citizenry and community-based organizations sharing information and strategies will drive decisions that protect health and the environment. We help to inspire action with tools for effective advocacy.

WE SUPPORT LOCAL ACTION TO STOP THE PESTICIDE THREAT AND ADVANCE CHANGE.

We assist communities nationwide with the adoption of organic management practices that are more effective and protective than chemical-intensive practices, advancing Beyond Pesticides' strategic vision and program for a world free of toxic pesticides. **INFORMATION FOR ACTION.** We expanded our role in the forefront of pesticide and organic advocacy with our *Action of the Week* and *Daily News*, which identify and delve into key science, policy, and actions around the globe that inform local action, focusing on critical threats and opportunities that require broad public engagement.



■ WE ADVANCE INDEPENDENT SCIENCE: BRINGING SCIENCE TO ADVOCACY

We bring independent science to advocacy. We start by tracking the latest independent science, ensuring it is accessible and understandable to decision makers, maintained in databases that can be easily used in campaigns.

SOIL AND PUBLIC HEALTH. Over the last year, our work highlighted the importance of soil microbiota and gut microbiome to healthy ecosystems and people, and the adverse effects of pesticides on their critical role in sus-

taining life. **PROTECTING WATERWAYS.** We highlighted EPA's hazard findings, buried in its 2017 preliminary aquatic risk assessment. **ACCESSIBLE SCIENCE.** We updated our unique databases, *Gateway on Pesticide Hazards and Safe Pesticide Management*, *Pesticide Induced-Diseases Database*, and *What the Science Shows* on pollinator health. **ELEVATING THE VOICE OF THE MEDICAL AND SCIENTIFIC COMMUNITY.** We coordinated a letter to the Portland, Maine City Council from 31 medical and science professionals, who said, "As health professionals, it is our contention based on the molecular and microbiologic actions of these synthetic land care pesticides that the continued use of them must be challenged, banned, and replaced by practices and products that are not harmful to people and the environment." **REGULATORY ADVOCACY AT EPA.**

Our regulatory comments are based on our review of the science. Our comments on EPA's use of risk assessment goes to the core of the agency's deficiency in protecting managed and native bees, with specific attention to the inadequacy of mitigation measures for bee-toxic pesticides carried out under state Pollinator Protection Plans. **WEIGHING IN WITH STATES.** We provided legislative and regulatory comments in the states on a range of policy issues, including a New Hampshire bill to protect children.



Public hearing
at Portland, Maine
City Council.



Chip Osborne providing Beyond Pesticides training of Maui County staff on organic land management.



■ WE SEEK THE ADOPTION OF POLICY: INSTITUTIONALIZING CHANGE

We seek to institutionalize changes in practices through precautionary policies that are responsive to new information in sync with healthy ecosystems.

BRINGING TECHNICAL KNOWLEDGE TO LOCAL DELIBERATIONS AND ACTION. We bring technical resources, scientists, medical practitioners, and organic experts to support local and state policy debate. Our *Map of U.S. Pesticide Reform Policies* tracks the progress taking place across the country with support from Beyond Pesticides. During the year, the map grew to 18 pesticide-free park policies, 40 with restrictions that protect pollinators, 71 policies that apply to public spaces, and 25 that extend restrictions to private land. The map has been viewed over 28,000 times.

■ WE PUT IN PLACE PRACTICES THAT ELIMINATE PESTICIDE USE: IMPLEMENTING ORGANIC AND REGENERATIVE METHODS

We bring the resources to communities that put organic programs in place.

LOCAL PRACTICES CRITICAL TO PROTECTION. With the Trump Administration reversals on pesticide restrictions and reduced federal government programs to protect health and the environment, our work at the local level takes on elevated importance. **PROVIDING COMMUNITIES WITH ORGANIC LAND MANAGEMENT PLANS.** Our

efforts to implement our strategic vision of pesticide-free communities is gaining strength. We established pilot projects in 10 states, determining practices to support soil and plant health, developing a detailed plan to support soil biology and the natural cycling of nutrients, and then following through with assistance to ensure successful results.

■ GROWING THE ORGANIC SOLUTION: THROUGH PRACTICE AND POLICY

OUR ROLE IN PROTECTING THE INTEGRITY OF ORGANIC IS UNIQUE.

We uniquely comment and rally public involvement on all the issues and material reviews before the National Organic Standards Board (NOSB), issue action alerts through our *Keeping Organic Strong* webpage. **MANAGESAFE™ OFFERS ORGANIC SOLUTIONS.** Our Manage-Safe offers the public practical information on preventing and managing pest populations with organic practices. The two newest informational sources, *Products Compatible with Organic Landscape Management* and *Fertilizers Compatible with Organic Landscape Management*, help turn policy into action and serve as a guide for consumers and hardware and garden stores to find products. **CHALLENGING “NATURAL” FRAUD AND DECEPTION IN THE MARKET.** We sued to stop misleading and

deceptive “natural” product label claims. We reached a settlement with General Mills that removes “100% natural oats” from Nature Valley bar labels.

■ CAMPAIGNS FOR CHANGE: FOCUSING ON KEY ISSUES

We conducted in-depth analyses on: *Soil Microbiota to Gut Microbiome; Monsanto’s Roundup (Glyphosate) Exposed; Biodiversity Integral to Sustainability; Poisoned Waterways; Scientific Integrity and Chemical Industry Influence; Lax and No Enforcement Action Pervasive; Pesticide Damages Children’s Brains, as EPA Reverses Course.*

■ NURTURING AND BUILDING THE NETWORK: EFFECTING CHANGE

GETTING TOGETHER TO DISCUSS SCIENCE, POLICY, AND STRATEGY.

We put together an all-star program for the 35th National Pesticide Forum, *Healthy Hives, Health Lives, Healthy Land: Ecological and Organic Strategies for Regeneration*, which is posted on our YouTube channel. **MEDIA WORK.** We placed pieces on our projects, including: *Largest City in Maine Joins City-Wide Shift to Organic Land Management; Court Overturns Montgomery County, MD Pesticide Restrictions—Groups Say Decision Defies Local Authority to Protect Health; Beyond Pesticides Sues Mott’s for Labeling Pesticide-Laden Applesauce “Natural;” Washoe Tribal Council Brings Goats to Stewart Ranch to Manage Invasive Weeds; Beyond Pesticides Journal Articles Link Pesticides to Soil Microbiota and Gut Microbiome Poisoning and Resulting Diseases.*

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