



Maryland Department of Agriculture

Office of the Secretary

Larry Hogan, Governor
Boyd K. Rutherford, Lt. Governor
Joseph Bartenfelder, Secretary
Julianne A. Oberg, Deputy Secretary

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March 29, 2019

The Honorable Lawrence J. Hogan Jr.
Governor
100 State Circle
Annapolis, MD 21401

The Honorable Michael E. Busch
Speaker
Maryland House of Delegates
State House, H-101
100 State Circle
Annapolis, MD 21401

The Honorable Thomas V. Mike Miller, Jr.
President
Maryland Senate
State House, H-107
100 State Circle
Annapolis, MD 21401

RE: Report Required by EX ORD 01.01.2003.49 E - MSAR # 9015

Dear Governor Hogan, Speaker Busch and President Miller:

EX ORD 01.01.2003.49 E states “The Secretary [Department of Agriculture] shall report annually to the Governor on the activities of the [Pesticide Advisory] Committee...”

I have included the 2018 annual report. I hope you find the information contained in this report useful. Should you have any questions, please do not hesitate to reach out to Cassie Shirk, Director of Legislation and Governmental Affairs, at cassie.shirk@maryland.gov or 410-841-5886.

Sincerely,

Joseph Bartenfelder
Secretary, Department of Agriculture



PESTICIDE ADVISORY COMMITTEE

2018 ANNUAL REPORT

MARYLAND DEPARTMENT OF AGRICULTURE

LARRY HOGAN
Governor

BOYD K. RUTHERFORD
Lt. Governor

Joseph Bartenfelder
Secretary of Agriculture

Julianne A. Oberg
Deputy Secretary

INTRODUCTION

The Maryland Pesticide Advisory Committee was established by Executive Order (01.01.2003.49) signed by Governor Robert L. Ehrlich, Jr. on Nov. 17, 2003.

The committee is comprised of 15 members. Several are appointed by the Secretary of Agriculture, after consultation with the Governor's Office, who represent public health, the environmental community, general public, pesticide industry, local government, pest control industry and the agricultural community. One member is a member of the Maryland Agricultural Commission, appointed by the Secretary of Agriculture. One member is appointed by the Senate President, one by the House Speaker and one by the Chancellor of the University System of Maryland. Four serve ex officio and represent the Secretary of Agriculture, the Secretary of Natural Resources, the Secretary of the Department of the Environment and the Secretary of the Department of Health. The Secretary of Agriculture names the Chair of the Pesticide Advisory Committee.

This document was prepared as an introduction to the committee, its mission and membership. Questions about the committee can be directed to the Maryland Department of Agriculture or the chair. The committee provides a forum for the public, and other interested parties to give input on pesticide regulatory issues and to advise the Secretary of Agriculture on matters relating to pesticides.

The committee meets bimonthly, normally on the fourth Wednesday of the month, in room 114 at the Maryland Department of Agriculture, located at 50 Harry S. Truman Parkway, Annapolis, Maryland. Meetings begin at 9 a.m. and adjourn at noon. The meetings are open to the public and the last 30 minutes of each meeting's agenda is devoted to public input.

MISSION

The primary mission of the committee is to advise the Maryland Department of Agriculture based on sound science, and on the proper use, management and control of pesticides with particular emphasis on employing integrated pest management techniques.

Duties and responsibilities outlined specifically in the Executive Order 01.01.2003.49 Section D (1) - (4) include:

- Making recommendations to the Secretary for changes in law or regulation to improve pesticide management in the State.
- Providing advice to the Secretary on issues concerning the registration, sales, use, storage and disposal of pesticides, the certification and training of pesticide applicators, the licensing of pest control businesses and the protection of farmworkers, endangered species and water resources.
- After consulting with the Secretary, providing advice to other State agencies and local governments concerning their responsibilities in pesticide management and protection of

human health, natural resources and the environment.

- Serving in an advisory capacity to the Secretary, Department Officials, and other State agencies on pesticide related matters.

MEMBERSHIP

The committee consists of 15 members, seven who are appointed by the secretary after consultation with the Governor's Office. These seven members have subject matter interest or expertise in pesticide use, pest control, public health or environmental protection. Eight members are specifically listed in the Executive Order:

- The Secretary of the Department of Agriculture, or a designee.
- The Secretary of the Department of Natural Resources (DNR), or a designee.
- The Secretary of the Department of the Environment (MOE), or designee.
- The Secretary of the Department of Health (MOH), or a designee. One representative of the University System of Maryland with expertise in pesticides, designated by the Chancellor.
- One member of the Senate of Maryland, appointed by the President of the Senate.
- One member of the House of Delegates, appointed by the Speaker of the House.
- One member of the Maryland Agricultural Commission, selected by the Secretary of Agriculture.

The Secretary of Agriculture names the chair of the Pesticide Advisory Committee. The seven members with expertise in pesticides and the member representing the Maryland Agricultural Commission serve at the pleasure of the Secretary of Agriculture. Members may not receive any compensation for their services, but may be reimbursed for reasonable expenses incurred in the performance of their duties, in accordance with the Standard State Travel Regulations, and as provided in the State Budget.

PROCEDURES

The Maryland Department of Agriculture provides principal staff support to the committee. Staff is responsible for scheduling and announcing the meetings, recording meeting minutes and distributing appropriate information to the committee members.

The committee may adopt procedures necessary to ensure the orderly transaction of business. A majority of the committee constitutes a quorum.

MEETINGS

The committee may meet bimonthly or when a meeting is needed. Proceedings start at 9 a.m. and are normally completed by noon. An agenda and the minutes of the last meeting are provided to the members. The members are also provided with copies of news articles regarding pesticides.

Before the end of each committee meeting, a total of 30 minutes is set aside for members of the public, or other interested parties, to make a presentation. Presentations are limited to a five-minute period or less, depending on the number of individuals that sign up to speak. When possible, a written statement should be submitted before the meeting and an abstract of the presentation should be given to the committee at the meeting. It is suggested that members of the public provide scientific citations or studies referenced in their presentations or provide reprints of the study.

Any committee member who fails to maintain a 50 percent attendance of all meetings may forfeit their appointment to the committee. By law, an appointed committee member who fails to maintain an attendance record is considered to have resigned that position. The member may send an approved alternate to the meeting however, that person will not count for the member's attendance record, nor will they be permitted to vote. If the member is interested in remaining on the committee and had extenuating circumstances that prevented attendance of the meetings, a request may be made to excuse their absences and subsequent dismissal from the committee.

REPORTS

The secretary is required to report annually to the governor on the activities of the committee.

2018 ACTIVITIES AND ACCOMPLISHMENTS

The committee held a public meeting on May 24, 2018. At this meeting Brian Prendergast, the program manager for the Maryland Department of Agriculture's Mosquito Control Program, provided an informative presentation. He provided information regarding the concerns about mosquitoes that may be transmitting the Zika virus. He also provided information on how to protect yourself from mosquitoes.

Dennis Howard, the pesticide regulation section's program manager provided the members and the public with a number of new articles that dealt with pesticide issues. The articles included the following:

- a. U.S. Department of Agriculture regarding its opposition to the Environmental Protection Agency banning the use of the pesticide Chlorpyrifos.
- b. The U.S. House Agriculture Committee approved legislation to eliminate the controversial Clean Water Act requirements for pesticide applicators.

- c. Environmental Protection Agency Administrator Scott Pruitt denies a petition to ban the use of Chlorpyrifos.
- d. An assessment report on the U.S. mosquito control that indicated that government agencies treated nearly 80 million acres to control mosquitoes.
- e. An article reporting that U.S. Senators Chris Van Hollen and Ben Cardin, have announced \$73 million in funding for the Chesapeake Bay Program in fiscal year 2017.
- f. Ms. Debra Roy, a member of the public, spoke to the Committee members about an article she obtained regarding the efficacy of the *Aedes aegypti* population control methods in the first two mosquito-borne Zika transmission zone in Miami-Dade County, Florida. Her concern was the application of permethrin, a persistent pyrethroid adulticide.

PESTICIDE COMMITTEE CHAIRPERSON

Dr. Rick Kutz was a staff member of the Geospatial Research and Education Laboratory in the Department of Geography and Environmental Planning at Towson University. He also had a private consulting practice in environmental sciences, specializing in public health and environmental sciences, research, monitoring and assessment. He was also a member of the Editorial Advisory Committee, *Environmental Monitoring and Assessment* and served as a volunteer on the Scientific Technical Advisory Committee, for Maryland Coastal Bays National Estuary Program. He has worked in various capacities for the U.S. Environmental Protection Agency (EPA) from 1972 to 2002, including most recently as a Senior Environmental Scientist, at the National Exposure Research Lab in Fort Meade, Maryland, a Regional Scientist, at EPA Region III, and as the Special Assistant to the Assistant Administrator for Research and Development. Dr. Kutz is a member of the following professional associations: Entomological Society of America, American Mosquito Control Association, and the American Society of Tropical Medicine and Hygiene.

Dr. Kutz earned his Ph.D. in entomology, with a minor in ecology and animal physiology from Purdue University, West Lafayette, Indiana. He earned a Master's degree in medical entomology and parasitology and a Bachelor's degree in entomology from the University of Delaware, Newark, Delaware. His research interests include the use of geospatial and landscape approaches to public health and environmental issues. He has published a number of articles pertaining to insect pests, pesticide residues in human populations, and public health and ecological research.

PESTICIDE ADVISORY COMMITTEE MEMBERS

State Senator J.B. Jennings - Represents the Maryland Senate

Delegate Charles Otto - Represents the Maryland House of Delegates

John Baucus - Represents the Maryland Department of the Environment

Dean Graves - Represents the Turf and Golf Course Businesses

Mark Hardin - Represents Maryland Public Schools

Richard Kramer - Represents Maryland Structural Pest Control Businesses

Dr. Clifford Mitchell - Represents the Maryland Health Department
David Myers - Represents the Maryland University Extension Service
Donald VanHassent - Represents the Maryland Department of Natural Resources
Lindsay Thompson - Represents the Maryland Agricultural Industry
Tom Pfeiffer - Represents Groundwater issues
Henry Schmidt - Represents the Maryland Agricultural Commission