

2018 MARYLAND PESTICIDE USAGE SURVEY

OMB No. 0535-0218
 Approval Expires: ??/??/??
 Project Code: 970 QID: 209887
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(DRAFT)



**United States
 Department of
 Agriculture**



**NATIONAL
 AGRICULTURAL
 STATISTICS
 SERVICE**



**Maryland
 Department of
 Agriculture**

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Please make any necessary corrections to the name, address and zip code.

The information you provide will be used for statistical purposes only. Your responses will be kept confidential and any person who willfully discloses ANY identifiable information about you or your operation is subject to a jail term, a fine, or both. This survey is conducted in accordance with the Confidential Information Protection provisions of Title V, Subtitle A, Public Law 107-347 and other applicable Federal laws. For more information on how we protect your information please visit: <https://www.nass.usda.gov/confidentiality>. Response is **voluntary**.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB number is 0535-0218. The time required to complete this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**Please return in the enclosed envelope no later than July 15, 2019
 Please refer to the "Instruction Sheet" on Page 2 to aid in the completion of this survey.**

1. Did you or your business or your agency apply pesticides in **2018** ?
 0001 Yes – Go to Question 2.
 No – Go to Page 8, Question 5.

2. Are you a commercial business?
 0002 Yes – Go to Page 2 and complete the table for all pesticides **that your business applied in 2018 for your customers.**
 No – Go to Question 3.

3. Are you a public agency?
 0003 Yes – Go to Page 2 and complete the table for all pesticides **applied in 2018 by you or a designated applicator within your agency.**
 No – Go to Question 4.

4. Are you a farmer?
 0004 Yes – Go to Page 2 and complete the table for all pesticides **you personally applied in 2018 on property that you own or lease.**
 No – Go to Page 8, Question 5.

Maryland Pesticides Instructions

Pesticide: An herbicide, insecticide, fungicide, growth regulator, nematicide, fumigant, rodenticide, repellent, wood preservative, or any other material used to manage pests.

- ✓ Please report the pesticides you, your business, or your agency **applied in 2018** in the tables. Record the EPA number or chemical product name.
- ✓ Record the county and zip code where each pesticide was applied.
- ✓ Include only the pesticide portions of a tank mix.
- ✓ Report each chemical on a separate line, even if two chemicals were applied in combination. Specify the unit of measurement with the total quantity.

PLEASE DO NOT INCLUDE ANY PESTICIDES APPLIED BY A CONTRACTOR.

Column 3 - - County Code	Column 12 - - Target Crop or Site Code
1 Allegany	1 Field Crops
3 Anne Arundel	2 Fruit
5 Baltimore	3 Vegetables
6 Baltimore City	4 Nursery/greenhouse - commercial
9 Calvert	5 Animal - livestock and poultry
11 Caroline	6 Stored grain
13 Carroll	7 Forest
15 Cecil	8 Ornamental & lawns - interior and exterior landscapes
17 Charles	9 Turf - production
19 Dorchester	10 Seed treatment
21 Frederick	11 Aquatic
23 Garrett	12 Rights of way
25 Harford	13 Industrial/Structural - incl. structural household pests, birds, rodents, industrial weed
27 Howard	14 Fumigation - commodities, structures, grains
29 Kent	15 Public Health
31 Montgomery	16 Regulatory - PUBLIC AGENCIES ONLY
33 Prince George's	17 Demonstration/Research
35 Queen Anne's	18 Other - wood preservatives, sewer root control
37 St. Mary's	
39 Somerset	
41 Talbot	
43 Washington	
45 Wicomico	
47 Worcester	

Office Use Lines in Table				2018 Maryland Pesticide Usage Survey Pesticide Use							
1	2	3	4	5	6	7	8	9	10	11	12
L I N E	County Name	County Code (see instructions for codes)	Pesticide Applied EPA registration number or chemical product name	Product Code	Was this part of a tank mix? (If tank mix, enter line number of first product in mix.)	Total Quantity of Product Used	Units: 1 = pound 12 = gallons 13 = quarts 14 = pints 15 = liquid oz 28 = dry oz 30 = grams	Total Quantity of Product Used To how many acres, linear feet, or cubic feet was this product applied?	Units: 1 = acres 2 = linear ft. 3 = cubic ft.	When was this product applied? 1. Spring 2. Summer 3. Fall 4. Winter	What was the target crop or site? (see instructions for codes)
01		60		61	63	73	74	68	69	64	71
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5. Were any pesticides applied for you by a contractor in 2018?

0005 Yes

No

FARMERS: Please complete the following.

Integrated Pest Management (IPM) is a long-standing science-based, decisions making process that identifies and reduces risks from pests and pest management related strategies. It coordinates the use of pest biology, environmental information, and available technology to prevent unacceptable levels of pest damage by the most economical means, while posing the least possible risk to people, property, resources, and the environment. IPM provides an effective strategy for managing pests in all arenas from developed residential and public areas to wild lands. IPM serves as an umbrella to provide an effective, all encompassing, low-risk approach to protect resources and people from pests.

Please refer to the definition of Integrated Pest Management (above) when answering questions 6 to 9.

Check the appropriate box for each question.		Never	Sometimes	Almost Always	Not Applicable
6. Do you use resources before making pest control decisions? (i.e. Scouting, Soil testing, Field mapping, Predictive models, Pest thresholds, etc.)	0006	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Do you use preventive measures to avoid pest outbreaks? (i.e. Crop rotation, ground covers/mulches, physical barriers, adjustment of plant/harvest dates, adjustment of plant density, resistance varieties, companion cropping, trapping, etc.)	0007	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Do you use physical practices for pest control? (i.e. Mowing, burning, chopping, tillage, etc.)	0008	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Do you use products, such as the ones listed below, for pest control? *Biological pesticide *Mating Disruptors *Beneficial Organisms (insects, nematodes, pathogens) *Genetically modified products (Glyphosphate – resistant soybeans, Bt corn)	0009	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Thank you for your survey response!

OFFICE USE	9800
1. Did you have pesticides applied?	
2. Applied by a contractor, not by respondent.	

9911	9910	MM	DD	YY
Phone: () --				

Respondent Name: _____

Response	9901	Respondent	9902	Mode	9903	Enum.	9908	Eval.	9900	Chang	9985
1-Comp		1-Op/Mgr		1-Mail							
2-R		2-Sp		2-Tel							
3-Inac		3-Acct/Bkpr		3-Face-to-Face							
4-Office Hold		4-Partner		4-CATI							
5-R – Est		9-Oth		5-Web							
6-Inac – Est				6-e-mail							
7-Off Hold – Est				7-Fax							
				8-CAPI							
				19-Other							

Office Use for POID			
9989			
_____ - _____ - _____			
Optional Use			
9907	9908	9906	9916

S/E Name _____