

Conservation and Natural Resources Summary

	Actual FY 18	Original Budget FY 19	Adjusted Budget FY 19	Budget FY 20	% Change From Orig. FY 19	% Change From Adj. FY 19
Extension Office of Carroll County	\$482,290	\$498,810	\$498,810	\$511,330	2.51%	2.51%
Gypsy Moth	6,075	30,000	30,000	30,000	0.00%	0.00%
Soil Conservation District	541,221	450,020	451,420	415,940	-7.57%	-7.86%
Weed Control	62,858	67,230	67,230	74,480	10.78%	10.78%
Total Conservation and Natural Resources	\$1,092,445	\$1,046,060	\$1,047,460	\$1,031,750	-1.37%	-1.50%
Total Without Benefits	\$891,810	\$948,420	\$949,720	\$981,050	3.44%	3.30%

Mission and Goals

Conservation and Natural Resources is a group of State agencies that have a funding partnership with Carroll County. There is no inherent relationship between these budgets. They are combined for presentation purposes only.

Goals include:

- Support Carroll County's agriculture industry
- Protect and take actions to preserve the County and State's valuable natural resources
- Promote public awareness and education to maintain and improve residents' wellbeing and the quality and quantity of natural resources
- Control and eliminate threats to our natural resources

Highlights, Changes, and Useful Information

In FY 18:

- Extension Office of Carroll County served 29,727 constituents.
- Gypsy Moth program conducted more than 625 gypsy moth egg mass surveys on private, State, and County lands.
- Farmers in Carroll County completed 40 soil conservation capital projects, with assistance of \$437,673 from the Maryland Agricultural Water Quality Cost-Share Programs (MACS).
- Carroll farmers entered into 144 contracts to cover 34,468 acres through the Winter Cover Crop Program.
- Weed Control's noxious weed spray program generated \$142 in revenues from private properties, \$93,091 in revenues from State and County agencies, and a value of \$13,391 for County roads and properties. Weed Control does not bill the County for spraying County right-of-way along roads.

Budget Changes

- FY 20 Budget reflects a change in OPEB allocations for Soil Conservation. OPEB is budgeted in the Health and Fringe Benefits Budget, part of Human Resources.
- Weed Control increases due to additional spraying of noxious weeds, offset by revenue.

Extension Office of Carroll County

Description	Actual FY 18	Original Budget FY 19	Adjusted Budget FY 19	Budget FY 20	% Change From Orig. FY 19	% Change From Adj. FY 19
Personnel	\$0	\$0	\$0	\$0	0.00%	0.00%
Benefits	0	0	0	0	0.00%	0.00%
Operating	482,290	498,810	498,810	511,330	2.51%	2.51%
Capital	0	0	0	0	0.00%	0.00%
Total	\$482,290	\$498,810	\$498,810	\$511,330	2.51%	2.51%
Employees FTE	0.00	0.00	0.00	0.00	-----	-----

Note: The Adjusted Budget includes budget changes made during the year. Ongoing mid-year changes have been annualized for comparison purposes.

Contact

Jennifer Benteljewski, Interim Area Extension Director
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Lynn Karr, Senior Budget Analyst (410) 386-2082

<http://extension.umd.edu/carroll-county>

Mission and Goals

To enhance the quality of life for people and communities by disseminating unbiased research-based educational information.

Description

University of Maryland Extension (UME) is a statewide, non-formal education system within the college of Agriculture and Natural Resources and the University of Maryland Eastern Shore. UME educational programs and problem-solving assistance are available to citizens and are based on the research and experience of land grant universities such as the University of Maryland, College Park. The County funds approximately 40% of the cost of operations.

There are eight educators and one Nutrient Management Advisor based in the Carroll County Office that provide educational programming and materials, services and consultations for the community. There is also a Business Services Specialist, two Administrative Assistants, and an Information Technology Assistant who provides the administrative support for the office. An Area Extension Director provides administrative oversight and direction for the Carroll, Frederick, and Howard County offices, and approximately 35% of the Director's time is based in Carroll County.

UME provides solutions in the community by providing timely, research-based information through educational programs and materials in the following areas:

Agricultural and Natural Resources	Family and Consumer Sciences
4-H Youth Program	Nutrient Management
Nutrition Education Program	
Home Horticulture and Master Gardener Program	

Program Highlights

In FY 18:

- The 4-H Youth Development Educators supported 35 community-based 4-H Clubs with 850 youth enrolled and tied with Montgomery County for the largest 4-H community club program in Maryland.
- The Agriculture Agents reached 1,249 contacts, and directly consulted with 58 farming operations addressing specific needs of the producers for their operations.
- Family and Consumer Sciences Healthy Living Environment Educator developed, delivered and evaluated programming for Carroll County through more than 1,000 contacts.
- Master Gardeners oversaw 85 volunteers who contributed 6,249 hours in Carroll County through special programs in schools, libraries, senior centers, and other community venues.
- Over 800 fourth grade students from 10 Carroll County Elementary schools received instruction in crop production, soils and nutrient management as part of the AgVenture program.

Gypsy Moth

Description	Actual FY 18	Original Budget FY 19	Adjusted Budget FY 19	Budget FY 20	% Change From Orig. FY 19	% Change From Adj. FY 19
Personnel	\$0	\$0	\$0	\$0	0.00%	0.00%
Benefits	0	0	0	0	0.00%	0.00%
Operating	6,075	30,000	30,000	30,000	0.00%	0.00%
Capital	0	0	0	0	0.00%	0.00%
Total	\$6,075	\$30,000	\$30,000	\$30,000	0.00%	0.00%
Employees FTE	0.00	0.00	0.00	0.00	-----	-----

Note: The Adjusted Budget includes budget changes made during the year. Ongoing mid-year changes have been annualized for comparison purposes.

Contact

Bob Tatman, Program Manager
Maryland Department of Agriculture (301) 662-2074
Lynn Karr, Senior Budget Analyst (410) 386-2082
http://mda.maryland.gov/plants-pests/Pages/gypsy_moth_program.aspx

Program Highlights

In FY 18:

- Gypsy Moth program conducted more than 625 gypsy moth egg mass surveys on private, State, and County lands.
- Placed and monitored traps to check for the presence of Sirex woodwasps and walnut twig beetles.

Mission and Goals

To serve the citizens of Maryland by protecting forest resources from insects and diseases, both native and invasive, through environmentally and economically sound pest management.

Goals include:

- Protect high-value forest and landscape trees in urban and rural areas from losses due to insects and disease
- Provide pest identification and pest-management advice to County and private forest owners and managers, in a timely manner, in order to prevent the loss of affected forest and landscape tree resources and to avoid unnecessary costs associated with their protection
- Successfully complete gypsy moth pest-management activities where economically and environmentally feasible

Description

The Forest Pest Management Section (FPM), part of the Maryland Department of Agriculture, conducts several activities to monitor, assess, and control tree disease or insect infestations that affect the health of Maryland forests. FPM provides advice on forest insects and diseases and manages Gypsy Moth and Hemlock Woolly Adelgid infestations in forest habitats.

The Gypsy Moth program has proactively conducted a cooperative suppression program since 1982. FPM employs three Entomologists and six Inspectors, plus a Program Manager and Administrative Officer. There are three field offices throughout the State.

Surveys typically take place each fall followed by spraying in the spring. Spraying historically generates and drives the bulk of expenses in this budget.

Soil Conservation District

Description	Actual FY 18	Original Budget FY 19	Adjusted Budget FY 19	Budget FY 20	% Change From Orig. FY 19	% Change From Adj. FY 19
Personnel	\$279,525	\$287,750	\$289,050	\$297,720	3.46%	3.00%
Benefits	200,634	97,640	97,740	50,700	-48.07%	-48.13%
Operating	61,062	64,630	64,630	67,520	4.47%	4.47%
Capital	0	0	0	0	0.00%	0.00%
Total	\$541,221	\$450,020	\$451,420	\$415,940	-7.57%	-7.86%
Total Without Bene	\$340,587	\$352,380	\$353,680	\$365,240	3.65%	3.27%
Employees FTE	5.63	5.63	5.63	5.63	-----	-----

Note: Actuals include allocations for health and fringe, OPEB, and other operating expenditures. The Adjusted Budget includes budget changes made during the year. Ongoing mid-year changes have been annualized for comparison purposes. FY 20 Budget reflects a change in OPEB allocations. OPEB is budgeted in the Health and Fringe Benefits Budget, part of Human Resources.

Contact

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<http://www.carrollsoil.com/>

Mission and Goals

To promote natural resource conservation to all citizens through leadership, education, funding, and technical assistance.

Goals include:

Continued implementation and fulfillment of the following agreements, laws, ordinances, and regulations:

- The Soil Conservation District Law
- The 1984 Reservoir Watershed Management Agreement
- The Memorandums of Understanding with Carroll County Government and the Maryland Department of Agriculture
- Various State and Federal Cost Share Programs
- Maryland Agricultural Land Preservation and Rural Legacy Programs
- Maryland Pond Law
- Maryland Soil Erosion Control Regulations
- Grading and Sediment Control Ordinances of Carroll

Description

The CCSCD is located at the Carroll County Commerce Center, 698 J Corporate Center Court, Westminster, MD. It is a political subdivision of the State that is governed by a Board of Supervisors, and was originally created by referendum in 1944. The CCSCD is one of 24 members of the Maryland Association of Soil Conservation Districts (MASCSD), which serves as the voice for the soil and water conservation and State legislative issues.

The district represents local concerns, problems, policies, and procedures in the conservation of soil, water, and related natural resources.

Accordingly, the district has the duty of assisting in the prevention and control of soil erosion, sediment control, and the proper use of land.

Program Highlights

In FY 18:

- Farmers in Carroll County completed 40 soil conservation capital projects, with assistance of \$437,673 from the Maryland Agricultural Water Quality Cost-Share Programs (MACS).
- Carroll farmers entered into 112 contracts to cover 19,967 acres through the Winter Cover Crop Program.

Budget Changes

- The increase from FY 19 Original to Adjusted is due to salary adjustments.
- A 3% salary increase is included in FY 20.
- Operating increases due to costs associated with the purchase of an additional vehicle in FY 19.

Weed Control

Description	Actual FY 18	Original Budget FY 19	Adjusted Budget FY 19	Budget FY 20	% Change From Orig. FY 19	% Change From Adj. FY 19
Personnel	\$0	\$0	\$0	\$0	0.00%	0.00%
Benefits	0	0	0	0	0.00%	0.00%
Operating	62,858	67,230	67,230	72,980	8.55%	8.55%
Capital	0	0	0	1,500	100.00%	100.00%
Total	\$62,858	\$67,230	\$67,230	\$74,480	10.78%	10.78%
Employees FTE	0.00	0.00	0.00	0.00	-----	-----

Note: The Adjusted Budget includes budget changes made during the year. Ongoing mid-year changes have been annualized for comparison purposes.

Contact

Peter Rupp, Maryland Weed Control Specialist
(301) 600-1586
Lynn Karr, Senior Budget Analyst (410) 386-2082

Mission and Goals

To assist farmers and other landowners in the reduction and control of noxious weeds (thistles, Johnsongrass, Shattercane, multi-flora rose) on their properties.

Goals include:

- Educate the public about noxious weeds, the environmental importance of the control, and the economic impact they can have on agriculture
- Respond to public inquiries and complaints regarding noxious weed infestations
- Advise and assist landowners in the development of a control and eradication program to enable them to comply with the Maryland Noxious Weed Law
- Provide spray services to landowners for noxious weed control
- Assist County Roads Department with the control and eradication of noxious weeds on County right-of-ways and County property
- Assist land owners with the control and eradication of noxious weeds in cooperation with the Natural Resources Conservation Service

Description

The Carroll County Weed Control Program is operated in cooperation with Maryland Department of Agriculture (MDA). A Carroll County Weed Advisory Committee is appointed by the County Commissioners to represent the County in the development of guidelines and procedures within the framework of the State law.

A Weed Control Coordinator is also employed on a permanent part-time basis under the direction and supervision of the Maryland Department of Agriculture to identify and survey noxious weed infestations.

During a typical growing season, several hundred individuals are contacted by the Coordinator concerning the methods and techniques available for controlling and eradicating noxious weed infestations. A spray service is available on a fee basis as an additional option for controlling and eradicating noxious weeds, and revenues generated from this service help offset the cost of funding the Carroll County Weed Control Program.

Program Highlights

- During the 2018 growing season, the noxious weed spray program generated \$142.50 in revenues from private properties, and \$93,091.45 in revenues from State and County agencies.
- In 2018, spraying to reduce noxious weed infestations on County roads and County properties was valued at \$15,391.45.
- Over 500 on-site inspections were made to identify weed infestations and to determine appropriate control methods and techniques, resulting in the mowing of approximately 250 acres to control noxious weeds.

Budget Changes

- Operating increases due to additional spraying of noxious weeds, offset by revenue.
- Capital increases due to one-time technology equipment.