

MARYLAND DEPARTMENT OF AGRICULTURE (MDA)

10.001 AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH (USDA)

Program Description: The objective of this project is to facilitate cooperation among USDA-ARC BARC, Maryland Department of Agriculture and Maryland Cooperative Extension by providing training for farmers and agricultural professionals in organic grain crop production. MDA supports development of organic agriculture in Maryland. They will help coordinate outreach activities including: developing advertising materials for field days and workshops; providing stipends to cooperating farmers on whose land research is conducted; coordinating logistics of field day and workshop activities.

Formula Description: This program has no statutory formula. There is a 15% match requirement. MOE requirements are not applicable to this program.

10.025 ANIMAL DISEASE MONITORING and ANIMAL DISEASE TRACEABILITY (USDA, APHIS)

Program Description: Disease Monitoring: USDA APHIS Cooperative Umbrella Grant provides funding to assist the Animal Health Program in developing clerical and laboratory services to detect and monitor animal diseases, including the NAHLN-approved laboratories in Frederick and Salisbury and the Veterinary Laboratory Investigation and Response Network (Vet-LIRN). The animal diseases this annual Umbrella Grant detects and monitors are from those in Maryland's reportable livestock and avian diseases. Examples include Avian Influenza, Johns Disease, Exotic Newcastle Disease, Scrapie, Foot and Mouth Disease, Brucellosis, Tuberculosis, Rabies etc.

Animal Disease Traceability (ADT): USDA APHIS ADT Grant provides funding for assisting the Animal Health Program in the event of a reportable livestock disease in Maryland to have the ability to quickly trace back to the farm of origin.

Formula Description: Livestock and Poultry Animal Disease Monitoring: MDA's Animal Health Program provides information and laboratory tests concerning animal disease surveillance, and applies to USDA for funds to support this endeavor.

Animal Disease Traceability: MDA's Animal Health Program through outreach and education to livestock producers, livestock auction markets and dealers assists these livestock stakeholders in developing the correct official animal identification and the proper record keeping for quick and effective animal disease trace back to the farm of origin.

Program Supported/Population Served:

Livestock and Poultry Disease Monitoring- Statewide stakeholders
Livestock Animal Disease Trace back- Statewide stakeholders

10.162 INSPECTION GRADING & STANDARDIZATION (USDA)

Program Description: The Food Quality Assurance Program cooperates with the USDA to provide meat grading to certain Maryland establishments.

Formula Description: The proposal details expected expenditures for state meat graders and the federal agency reimburses MDA for expenses at a specified hourly rate.

Program Supported/Population Served: Food Quality Assurance statewide/Meat packing plants requiring USDA grading.

Program Description: The Food Quality Assurance Program receives funds from USDA to provide cost share of certification fees for organic producers and handlers in Maryland.

Formula Description: Certified organic producers and handlers in are eligible for reimbursement of 75% of the certification fees paid up to \$750 per scope (crop, livestock, handler).

Program Supported/Population Served: Food Quality Assurance statewide/Certified Organic producers and handlers in Maryland.

10.163 MARKET PROTECTION AND PROMOTION (USDA)

Program Description: The program supports the State Chemist Section, collecting comprehensive data on pesticide residues in food as close to the consumer as possible. It allows the State to use data that is collected within the State. It also provides the data to other federal agencies to be used for policy making, regulatory and educational purposes. The program provides producers and the general public with data-driven program results.

Formula Description: The grant does not require any state match.

Program Supported/Population Served: State Chemist/Animal Health statewide

10.170 SPECIALTY CROP BLOCK GRANT PROGRAM (USDA)

Program Description: The Maryland Department of Agriculture creates a competitive grant process to award USDA Specialty Crop Block Grant Program (SCBGP) funds for projects that solely enhance the competitiveness of U.S. grown specialty crops. Specialty crops are defined in federal law as “fruits and vegetables, tree nuts, dried fruits, horticulture, and nursery crops, including floriculture.” MDA awards grants to a variety of organizations producing, marketing, distributing, research, or otherwise assisting these unique producers.

Formula Description: Funding is provided to state departments of agriculture from the 2014 Farm Bill through the U.S. Department of Agriculture’s (USDA) Agricultural Marketing

Service. The SCBGP allocation formula is the average of the most recent available value of specialty crop cash receipts in the State and the acreage of specialty crop production in the State.

Program Supported/Population Served: Marketing and Agricultural Development / Statewide

10.435 CERTIFIED MEDIATION PROGRAM (USDA)

Program Description: The Farm Services Agency's Farm and Agricultural Mediation Program provides funding to conduct the Maryland Agricultural Mediation Program. This program provides mediation and related services to willing agricultural producers, federal agencies, state agencies, and local government agencies, with citizens who have conflicts related to agriculture.

Formula Description: MDA outlines the number of possible mediation events, including costs for a coordinator, and consulting and legal services. The grant requires a 30% match.

Program Supported/Population Served: Marketing and Agricultural Development statewide

10.458 CROP INSURANCE, RISK MANAGEMENT AGENCY (USDA)

Program Description: Increases farmer awareness of potential benefits of crop insurance and risk management for certain eligible commodities. MDA provides educational and instructional services through publications, seminars, and training.

Formula Description: Annual work plan to USDA details performance in the previous crop cycle and estimates need for specific types of continuing education.

Program Supported/Population Served: Marketing and agricultural development / 12,000 statewide

10.572 FARMERS' MARKET NUTRITION PROGRAM (USDA)

Program Description: The Farmers' Market Nutrition Program, working with the Special Supplemental Food Program for Women, Infants, and Children (WIC) provides funds for WIC eligible families to purchase fresh fruits and vegetables from designated Maryland farmers who sell at farmers' markets. This benefit improves the overall nutrition of these families and creates a direct market outlet for local farmers.

Formula Description: MDA, in cooperation with DHMH, applies to USDA for funding based on the number of eligible families estimated to participate in the program.

Program Supported / Population Served: Marketing and agricultural development / 51,000 WIC families and 400 farmers statewide

10.575 FARM TO SCHOOL GRANT PROGRAM (USDA)

Project Description: Section 18 of the Richard B. Russell National School Lunch Act was amended to create a Farm to School Program to: Distribute grant funding to improve access to local foods in schools; Provide training and technical assistance to improve access to local foods in schools; and, Disseminate research and data on existing programs and opportunities for expansion.

Formula Description: On an annual basis, USDA awards up to \$5 million in competitive grants for training, supporting operations, planning, purchasing equipment, developing school gardens, developing partnerships, and implementing farm to school programs

Program Supported/Population Served: Marketing and Agricultural Development\Public schools statewide, Maryland producers

10.576 SENIORS FARMERS' MARKET NUTRITION PROGRAM (USDA)

Program Description: The Senior Farmers' Market Nutrition Program provides funds for seniors to purchase fresh fruits and vegetables from designated Maryland farmers' markets. The goal is to improve the overall nutrition of these senior citizens and create a direct market outlet for local farmers.

Formula Description: MDA applies to USDA for funding based on the number of eligible seniors estimated to participate in the program. The program is 100% federally funded, excluding associated administrative costs that are funded by the state.

Program Supported/Population Served: Marketing and Agricultural Development / 7,000 seniors and 400 Maryland farmers.

10.664 COOPERATIVE FORESTRY ASSISTANCE (USDA, FOREST SERVICE)

Program Description: The Insect and Disease Suppression Program Grant assists the Forest Pest Management Program in controlling insects impacting state forests. The primary insect controlled is the gypsy moth, which defoliates hardwood trees, increasing their level of disease and mortality. Important programs also include survey and/or suppression of the hemlock woolly adelgid, the emerald ash borer, and the walnut twig beetle, among other destructive invasive forest pests.

Formula Description: Based on state (25%), local (25%), and federal (50%) funding, to detect and spray for gypsy moth infestations. Other forest pest programs use a 50% state, 50% Federal funding agreement.

Program Supported/Population Served: Forest Pest Management/ Statewide

10.912 ENVIRONMENTAL QUALITY INCENTIVES PROGRAM (USDA, NRCS)

Program Description: The Maryland Department of Agriculture (MDA) is in the process of adopting a new Phosphorous Management Tool (PMT) as part of its nutrient management regulations to assist in meeting Maryland's requirements under the Chesapeake Bay TMDL. New PMT regulations began July 2015, potentially impacting dairy operations that utilize manure as a crop nutrient. Restrictions in manure applications on phosphorus-saturated fields and associated risk of dissolved phosphorus being released into the adjacent waterways have the potential to affect the disposal of manure. A number of options for managing this are being considered, most essentially focused on eliminating manure as a nutrient source, thereby forcing the farmer to transport the manure offsite and substitute with commercial fertilizer. Over the next seven years, future PMT regulations will sequentially lower the threshold phosphorus soil values to further restrict manure applications on additional phosphorus saturated fields.

Formula Description: Grants provide assistance for farmers "in the field" with soil and water conservation planning. These plans are used to help Maryland meet state and federal goals for resource conservation.

Program Supported/Population Served: Resource Conservation Soil and Water Planning statewide

66.605 PERFORMANCE PARTNERSHIP GRANT (EPA)

Program Description: The Consolidated Pesticide Compliance Monitoring Agreement provides funding to monitor and implement Federal laws and regulations concerning the sale and use of pesticides. The proposal details staffing and support needs, related to implementation of the work plan for Maryland. Funds also support inspections, sampling, and administration.

Formula Description: This Federal Grant has three components. The first component is Certification & Training, the second component is Pesticide Enforcement Program, and the last component is Special Program. The Certification & Training Program is a 50% Federal and 50% State while both the Pesticide Enforcement and the Special Projects Programs are an 85% Federal and 15% State.

Program Supported/Population Served: Pesticide regulation statewide

93.103 PRODUCE SAFETY RULE/FDA RESEARCH

Program Description: Pursuant to the authority of PHS Act, Sec 1706, 42 USC 300u-5, as amended; Sec 2 (d), PL 98551, a funded cooperative agreement between the US Food and Drug Administration and the Maryland Department of Agriculture to develop a Maryland Produce Safety program to implement the Food Safety Modernization Act Produce Safety Rule through education, outreach, inspection and enforcement. MDA is cooperating with the University of Maryland Plant Sciences, University of Maryland Agricultural Law Education Initiative and

University of Maryland Extension to provide the outreach and education activities to develop the Maryland Produce Safety Program.

Formula Description: No match required.

Program Supported/Population Served: Program Supported: Food Quality Assurance Produce Safety; Population Served: Maryland Produce Growers