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GOVERNOR

STATE OF MAINE
DEPARTMENT OF AGRICULTURE, CONSERVATION & FORESTRY
PLANT HEALTH PROGRAM
28 STATE HOUSE STATION
AUGUSTA, MAINE 04333

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AMANDA E. BEAL
COMMISSIONER

To: Board of Pesticides Control
From: Hillary Peterson, Integrated Pest Management Specialist
Re: Request for Funding
Date: August 23, 2023

The Integrated Pest Management Program is requesting funds to assist with ongoing efforts for the advancement of IPM in Maine. The Maine IPM Program works closely with the BPC to educate and promote IPM across the entire State of Maine, including giving talks annually for applicator credits across several categories, updating the GotPests Website with new factsheets and research, and referring to the BPC website in all presentations and educational materials.

Over the past two years, the program has been funded through various means including some BPC funding, general plant health funding, and using only leftover materials from the past IPM program. Materials are running out, and to run a more consistent IPM program, funding needs to be secured for the 2024 calendar year. While the program has secured a total of \$54,000 in grant funding for three new IPM programs (Biological Control of Black Swallowwort, \$15,000, USDA NIFA; Biological Control of Spotted Wing Drosophila, \$20,000, USDA NIFA; Augmentative Biological Control Working Group, NE IPM Center, \$19,920), the full IPM program cannot function without additional funds for the other established programs. Other programs that require funding include: Greenhouse IPM (estimated at \$1,110 annually), outreach specific to the IPM council and its mission (estimated at \$2,550 annually), funds for travel to provide education and outreach on various IPM topics, often for CEU Credits (estimated at \$9,471 annually), the School IPM Program (estimated at \$1,500 annually), structural IPM programs (namely, the Rodent Academy, which maintains a relationship with the world-renowned Rodentologist Bobby Corrigan, estimated at \$10,000 annually), and the mosquito monitoring program (estimated at \$11,0000 annually). The IPM program is requesting a total budget of \$35,621 for the 2024 program. Please see the following pages for a breakdown of costs, along with expenditures for the end of 2022 and 2023 as examples of program costs.

Sincerely,

Hillary Peterson,
IPM Entomologist
Maine Department of Agriculture, Conservation and Forestry

GARY FISH, STATE HORTICULTURIST
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2024 Maine IPM Program Budget Breakdown

The following table demonstrates funding needed for the 2024 Maine IPM Program, broken down by month and sub-category (topic). This table does not include the entirety of the Maine IPM Program, which otherwise is funded by three grants (currently) and several virtual presentations which are anticipated but do not come at a travel cost. Materials are included in this budget as the IPM Program has now worked through a backlog of left-over materials left by the previous Maine IPM Specialist, Kathy Murray.

Month	Topic	Program	Description of Needs	Cost Estimate
January	Outreach & Education	Entomological Society of America Annual Membership Fee	Membership Fee	\$ 161.00
January	Outreach & Education	Agricultural Trades Show	Materials, table fee	\$ 500.00
January	IPM Council	Grow ME Green Expo	Materials, table fee	\$ 500.00
January	Outreach & Education	Attending Tri-State Workshop	Hotel, per diem	\$ 300.00
January	Outreach & Education	Various Presentations & Workshops	Materials, hotel	\$ 500.00
February	School IPM	School IPM Comprehensive Training	Folders, printing, binders, items for hands-on activities, hotel if	\$ 300.00
February	Greenhouse IPM	Greenhouse Best Practices Workshop	Materials, catering, honorarium	\$ 1,100.00
February	Outreach & Education	Various Presentations & Workshops	Materials, hotel, per diem, travel	\$ 500.00
March	IPM Council	Ag Day in the Legislature	Materials, table fee	\$ 50.00
March	IPM Council	Maine Invasive Species Network Meeting	Materials, table fee	\$ 50.00
March	Outreach & Education	Various Presentations & Workshops	Materials, hotel, per diem, travel	\$ 500.00
April	School IPM	School IPM Comprehensive Training	Folders, printing, binders, items for hands-on activities, hotel if	\$ 300.00
April	IPM Council	Maine Arborist Association Meeting	Materials, table fee	\$ 300.00
April	Outreach & Education	Various Presentations & Workshops	Materials, hotel, per diem, travel	\$ 500.00
May	Outreach & Education	Various Presentations & Workshops	Materials, hotel, per diem, travel	\$ 500.00
June	Vector Responsibilities	Mosquito Monitoring Program (June through October)	Employee (20 hours per week), materials, fleet vehicle if needed, mileage	\$ 11,000.00
June	School IPM	School IPM Comprehensive Training (EPMA Conference)	Folders, printing, binders, items for hands-on activities, hotel if	\$ 300.00
June	Outreach & Education	Various Presentations & Workshops	Materials, hotel, per diem, travel	\$ 500.00
July	School IPM	School IPM Turfgrass Training	Folders, printing, binders, items for hands-on activities, hotel if	\$ 300.00
July	Outreach & Education	Various Presentations & Workshops	Materials, hotel, per diem, travel	\$ 500.00
August	Outreach & Education	Various Presentations & Workshops	Materials, hotel, per diem, travel	\$ 500.00
September	IPM Council	Common Ground Country Fair	Materials, table fee	\$ 50.00

2024 BPC Funding Request IPM Program Budget Breakdown

Month	Topic	Program	Description of Needs	Cost Estimate
September	Outreach & Education	Various Presentations & Workshops	Materials, hotel, per diem, travel	\$ 500.00
October	School IPM	School Nurse Conference	Printing, handouts, hotel if needed	\$ 300.00
October	Structural IPM	Rodent Academy	Printing, handouts, honorarium, down payment for facility	\$ 10,000.00
October	IPM Council	NE International Society of Arboriculture ISA Annual Conference	Materials, table fee	\$ 500.00
October	IPM Council	Maine Municipal Association Convention	Materials, table fee	\$ 500.00
October	IPM Council	Coastal ME Botanical Garden Community Outreach	Materials, table fee	\$ 100.00
October	Outreach & Education	Various Presentations & Workshops	Materials, hotel, per diem, travel	\$ 500.00
November	Outreach & Education	ESA Meeting Attendance - Networking & Presentations	Flight, hotel, registration fee	\$ 3,000.00
November	Outreach & Education	Various Presentations & Workshops	Materials, hotel, per diem, travel	\$ 500.00
December	Outreach & Education	Various Presentations & Workshops	Materials, hotel, per diem, travel	\$ 500.00
Total				\$ 35,611.00

Previous Calendar Year - Maine IPM Program (September 2022 - October 2023)

The following table demonstrates funds incurred by the Maine IPM Program in the previous calendar year. This budget is estimated at a lower cost than the requested 2024 budget due to no material costs, as the IPM Program was working through a backlog of remaining materials from the previous Maine IPM Program (run by Kathy Murray). While it worked to rely on the materials at hand, these materials have now run out and need to be re-designed and replaced.

Year	Month	Topic	Program	Description of Costs	Approx. Num Reach	Cost Estimate
2023	October	Structural IPM	Rodent Academy	Printing, handouts, mileage, honorarium, down payment for facility	100	\$ 10,000.00
2023	October	Vector Responsibilities	Managed Mosquito Program	Employee (20 hours per week), mileage, materials	0	\$ 2,200.00
2023	September	Vector IPM	Vector Control Districts USGS Trip	Mileage, per diem, flight. Partially funded program that covers lodging and per diem.	100	\$ 620.00
2023	August	Vector Responsibilities	Managed Mosquito Program	Employee (20 hours per week), mileage, materials	0	\$ 2,200.00
2023	August	IPM Research	Managed Spotted Wing Drosophila and Black Swallowwort Biocontrol Programs (funded by USDA NIFA)	Employee (20 hours per week), mileage, materials	50	\$ -
2023	August	Outreach / Education	Maine Master Naturalist Program	Educated about insects including a 2hr presentation and a 5hr field day	Mileage	50 \$ 31.08

September 2022 - October 2023 Maine IPM Program Spending

Year	Month	Topic	Program	Description of Costs	Approx. Num Reach	Cost Estimate
2023	July	Vector Responsibilities	Managed Mosquito Program	Employee (20 hours per week), mileage, materials	0	\$ 2,200.00
2023	July	IPM Research	Managed Spotted Wing Drosophila and Black Swallowwort Biocontrol Programs (funded by USDA NIFA)	Employee (20 hours per week), mileage, materials	50	\$ -
2023	July	School IPM	School IPM Comprehensive Training (EPMA Conference)	Mileage, materials (using leftover materials from Kathy Murray)	25	\$ 16.80
2023	June	Vector Responsibilities	Managed Mosquito Program	Employee (20 hours per week), mileage, materials	0	\$ 2,200.00
2023	June	IPM Research	Managed Spotted Wing Drosophila and Black Swallowwort Biocontrol Programs (funded by USDA NIFA)	Employee (20 hours per week), mileage, materials	50	\$ -
2023	May	Vector Responsibilities	Vector Biology Bootcamp (Fully funded program that covered all travel, food, and lodging costs).			
2023	April	School IPM	School IPM Comprehensive Training (Pittsfield)	Mileage, materials (using leftover materials from Kathy Murray, hosting school donated coffee and snacks)	25	\$ 36.12

September 2022 - October 2023 Maine IPM Program Spending

Year	Month	Topic	Program	Description of Costs	Approx. Num Reach	Cost Estimate
2023	April	School IPM	School IPM Comprehensive Training (Lewiston)	Mileage, materials (using leftover materials from Kathy Murray, hosting school donated coffee and snacks)	25	\$ 29.40
2023	April	Outreach / Education	Preschool IPM Visit (Brunswick)	Mileage, materials (using leftover materials from Kathy Murray)	10	\$ 29.40
2023	March	Outreach / Education	Maine Invasive Species Network Tabling & Presentation	Mileage, materials	100	\$ 123.08
2023	March	IPM Council	Tabling: Agriculture Day at the Legislature	Mileage, materials	100	\$ 52.10
2023	March	IPM Council	March IPM Council Meeting	Food (paid out of pocket)	0	\$ 50.00
2023	March	Greenhouse IPM	Greenhouse Best Practices Workshop	Materials, mileage, catering, honorarium	50	\$ 1,100.00
2023	February	School IPM	School IPM Comprehensive Training (Nobleboro)	Mileage, materials (using leftover materials from Kathy Murray, hosting school donated coffee and snacks)	25	\$ 25.20
2023	January	Outreach / Education	Agricultural Trades Show	Mileage, materials	300	\$ 65.12
2022	December	IPM Council	December IPM Council Meeting	Food (paid out of pocket)	0	\$ 50.00
2022	September	IPM Council	Commonground Country Fair	Mileage, materials	2000	\$ 327.68
2022	September	Outreach / Education	Portland Sustainability & Landscape Education Event	Mileage, materials	25	\$ 97.04
						\$ 21,453.02