



**WELCOME TO THE
PROJECT GREEN WORKSHOP FOR
ACADEMIC RESEARCHERS**

NOVEMBER 2, 2021

Project GREEN Workshop Presenters

Doug Buhler, Director, AgBioResearch

Assistant VP, Research and Innovation, MSU

Jim Kells, Project GREEN Coordinator

Ron Bates, Director, AABI, MSU Extension

Ray Hammerschmidt, Project GREEN Advisor

Jackie DeSander, Project GREEN Manager

Project GREEN Workshop Agenda

Welcome and Introductions

History of Project GREEN – Doug Buhler

Impacts of Project GREEN– Jim Kells

Industry Priorities – Jim Kells

Review 2022 RFP – Jim Kells

Competitive Grants Programs:

- **Applied Research – Jim Kells**
- **Extension – Ron Bates**
- **Basic Research – Ray Hammerschmidt**

Project GREEN Workshop Agenda

Supporting Letters – Ray Hammerschmidt

Industry Matching Funds – Ray Hammerschmidt

Proposal Review Process – Ray Hammerschmidt

Funding Timeline – Jackie DeSander

Proposal Submission Process – Jackie DeSander

Q and A - Presenters



Questions for Presenters

During Presentations – Use Chat (bottom of screen)

During Q and A – Chat, Raise Hand, or Unmute



History of Project GREEN

Presenter: Dr. Douglas Buhler



BACKGROUND & HISTORY

- GREEN = **G**ENERATING **R**ESearch AND **E**XTENSION
TO MEET **E**CONOMIC AND **E**NVIRONMENTAL **N**EEDS
- FOUNDED IN 1998
- GRASSROOTS EFFORT LED BY THE PLANT COALITION
 - Plant coalition continues as core supporter
- LINE ITEM IN STATE OF MICHIGAN BUDGET

PROGRAM PRINCIPLES

- STRONG, BROAD-BASED PARTNERSHIP
 - MSU (AgBioResearch and MSUE)
 - MDARD
 - Industry groups
- RESPONSIVENESS, FLEXIBILITY AND ACCOUNTABILITY
- BUILT AROUND INDUSTRY PRIORITIES AND SUPPORT
- REGULAR INDUSTRY PARTICIPATION/INTERACTION
- INCLUSIVE



- FLEXIBILITY IS KEY

- Personnel – capped at about 30 percent
 - Faculty
 - Extension educators
 - Industry partnership positions
 - Key staff in core programs
- Remaining funds in grants, program support, available for discretionary/rapid response investments
- MSU absorbs most administrative costs to maximize impact



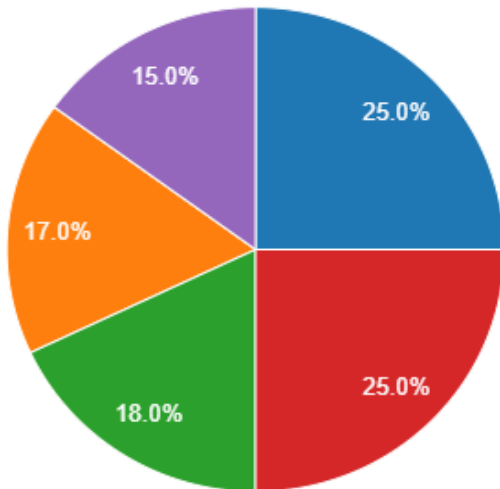
Impacts of Project GREEN

Presenter: Dr. Jim Kells

Project GREEN Financial Summary

Finance and Operations

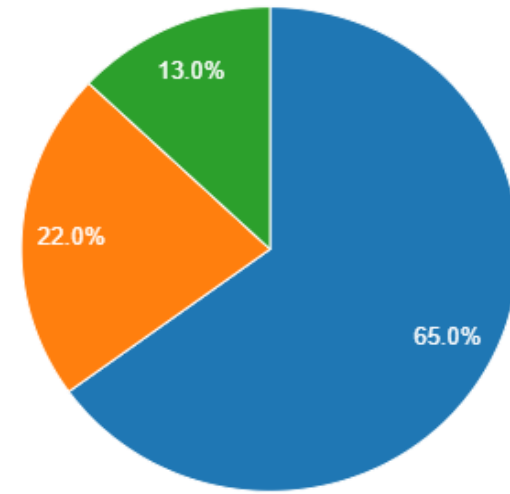
Category	Percentage
Personnel	25
New Grants	17
Program Support	18
Continued Grants	25
Value-Added	15



■ Personnel ■ New Grants ■ Program Support ■ Continued Grants ■ Value-Added

Competitive Grants New Funding Breakout

Category	Percentage
Applied	65
Basic/Seed	22
Extension	13



■ Applied ■ Basic/Seed ■ Extension

1064 Awards Granted

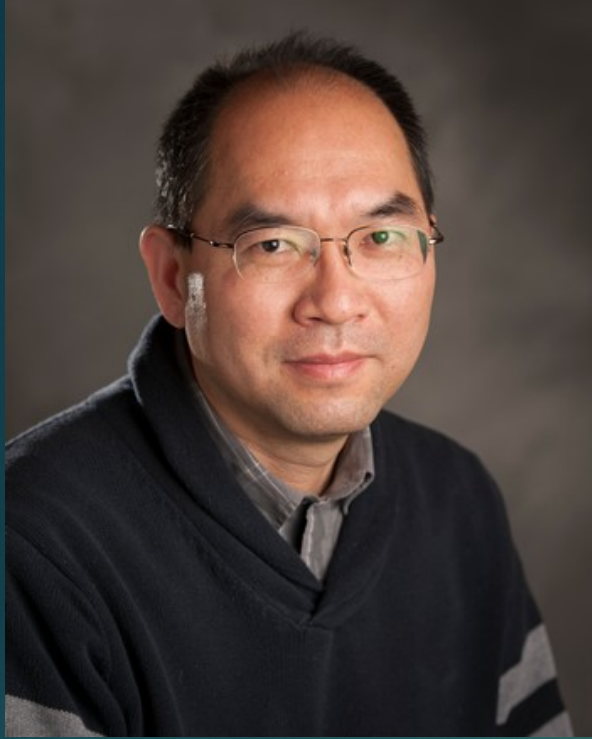
47% Success Rate





Project GREEN 1998-2018 Economic Impact Study

- ▶ **\$2.5B total economic impact**
 - ▶ **Average annual net gains of \$126.5M**
- ▶ **\$31.50 to \$1 long-term return to Michigan**



**GR19 Assessing Plant Uptake and Accumulation of PFAS from Soils Amended with Biosolids Hui Li, et. al.
Basic/Seed - \$40,000**

**GR21 Accumulation of Per- and Polyfluoralkyl Substance (PFAS) in Historically Archived Corn and Wheat Grains Hui Li et. al.
Applied - \$39,999**

MSU-led team receives nearly \$2 million EPA grant to explore biosolid treatments, effects of chemical pollutants such as PFAS PI – Hui Li

September 14, 2021

Industry Priorities

2022 Industry Priorities

Revised Industry Priority Process

- Maximum Five Priorities with Three Specific Priorities Each

https://www.canr.msu.edu/research/plant-agriculture/Michigan_plant_agriculture_industry_priorities/



Home / Plants / Plant Agriculture Industry Priorities /

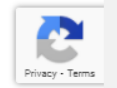
Plant Agriculture Industry Priorities

Grower-led organizations continue to help direct [MSU](#) AgBioResearch and Project GREEN activities when they submit their research and Extension priorities, which identify critical and emerging issues affecting their industries. Use the navigation to the left to explore the priorities of some of Michigan's most important plant-agricultural commodities.

In addition to the industry-specific priorities listed below, Project GREEN supports research and extension programs addressing global issues facing plant agriculture, such as climate change, water quality/quantity, food safety, and invasive species, among others.

- [Apple](#)
- [Asparagus](#)
- [Blueberry](#)
- [Canola](#)
- [Carrot](#)
- [Celery](#)
- [Cherry](#)
- [Chestnut](#)
- [Christmas Trees](#)
- [Cole Crops](#)
- [Corn](#)
- [Cranberry](#)

- ### Plant Agriculture Industry Priorities
- Apple
 - Asparagus
 - Blueberry
 - Canola
 - Carrot
 - Celery
 - Cherry
 - Chestnut
 - Christmas Trees
 - Cole Crops
 - Corn
 - Cranberry
 - Cucurbits
 - Dry Beans
 - Field Crop
 - Floriculture
 - Forage
 - Hay and Grazing
 - Hops



Dry Beans

Research Priorities for the Michigan Dry Bean Industry

Michigan Bean Commission

Joe Cramer

516 South Main, Suite D

Frankenmuth, MI 48734

989-262-8550

jcramer@michiganbean.com

- Genetic improvement through variety development of dry bean lines well suited to Michigan's production region and market classes for the following traits
 1. Yield and processing quality
 2. Diseases resistance (white mold, anthracnose and root rot)
 3. Sustainability (nutrient (N,P) use efficiency) and Abiotic stress (heat stress, drought, flooding tolerance)
- Management of disease, soil fertility and nutrient management, weed control, and plant desiccation in direct harvest systems.
 1. White mold management including but not limited to: applications timings, active ingredients, prediction models
 2. Weed control including but not limited to: new active ingredients, overlapping residual herbicide programs, cultural management and research on organic practices
 3. Soil fertility and nutrient management including but not limited to: nitrogen fertilizer use rates, starter fertilizer programs, foliar fertilizer tank-mixes and timings
- Development of tools and genetics that lead to the increased usage of dry beans and dry bean as an ingredient in food productions
 1. Dry bean flour
 2. Nutraceuticals and phytochemicals
 3. New market opportunities

Updated October 2021

Apple

Asparagus

Blueberry

Canola

Carrot

Celery

Cherry

Chestnut

Christmas Trees

Cole Crops

Corn

Cranberry

Cucurbits

Dry Beans

Field Crop

Floriculture

Forage

Hay and Grazing

Hops

Grapes

Grapes, Juice

Grapes, Wine

Growing U.P. Agricultural
Association

Michigan Commercial
Beekeepers Association

Michigan Craft Beverage
Council

Michigan Farm Bureau



2022 RFP

Proposals Due January 10, 2022

Annual Requests For Proposals

- ▶ Issued in October, proposals due early-January
- ▶ Must be led by MSU or MDARD employee
- ▶ Review panels
 - ▶ MSU
 - ▶ MDARD
 - ▶ Commodity groups
 - ▶ Industry groups
- ▶ Panel/scoring system (linked to industry priorities)
- ▶ Panel recommendations to DAT for final decisions

Project GREEN Directors Action Team (DAT)

▶ **Doug Buhler, Director, AgBioResearch**



▶ **Quentin Tyler, Director, MSU Extension**



▶ **Gary McDowell, Director, MDARD**



Project GREEN RFP

https://competingforgreen.agbioresearch.msu.edu/Files/GR/2022_GREEN_RFP_jjk.pdf

Read the RFP Carefully

- ▶ Page Limits
- ▶ Letters of Support
- ▶ Submission Timeline (submit on time)
- ▶ Define Roles of Each Investigator
- ▶ Clear Budget with Justification

Project GREEN

Request for Proposals 2022

INTRODUCTION

Project GREEN (Generating Research and Extension to meet Economic and Environmental Needs) is a cooperative effort by plant-based commodities and businesses with AgBioResearch, Michigan State University Extension (MSUE) and Michigan Department of Agriculture and Rural Development (MDARD). The Michigan Legislature created Project GREEN to advance Michigan's economy through its plant-based agriculture. Its mission is to:

- Develop research and educational programs in response to industry needs;
- Ensure and improve food safety; and
- Protect and preserve the quality of the environment.

Funding for competitive grants to meet this mission is available during the upcoming fiscal year. New proposals for FY21 will be considered for funding.

ELIGIBILITY

Principal Investigators (P.I.) must be employed by Michigan State University or the Michigan Department of Agriculture and Rural Development. There are no restrictions on employment status of other team members.

TIMELINE FOR FY22 PROJECTS

- **October 11, 2021** Call for proposals
- **January 10, 2022** Proposals due
- **April 4-8, 2022** Notification of awards
- **May 2-6, 2022** Project funds available*
- **June 30, 2023** Termination date for FY22 funding

*Please note that technically the funding cycle runs from July 1st – June 30th. Project GREEN awards are allocated in May to assist with the planting season. Our target is early May; however, allocations may occur at a later time.

INDUSTRY PRIORITIES

Project GREEN has been meeting plant agriculture industry challenges since 1998. Current research and extension priorities have been submitted to Project GREEN by commodity groups and other partners. They are available by visiting agbioresearch.msu.edu.

All proposals must clearly state how the proposed activities will enhance Michigan's plant-based agriculture. Projects must deliver clearly defined results within a realistic time frame. All proposals will be evaluated by peer review panels composed of researchers, educators, and industry/government professionals.

Project GREEN proposals are due Monday, January 10, 2022.

View research priorities and submit grant proposals thru

competingforgreen.agbioresearch.msu.edu

PROGRAM AREAS

All proposals should focus on priorities identified by plant industry groups and other commodity partners.

Applied Research proposals must:

- Enhance industry profitability
- Provide long-term benefits to Michigan's plant agriculture
- Contain a plan to disseminate information to the plant industries
- Be environmentally and socially responsible
- Address issues through single or multi-disciplinary approaches

Basic Research proposals must:

- Position investigators to be competitive for national/international grants
 - Include a specific plan (including timeline and target funding agency) for the submission of a grant proposal
 - The major outcome of the project is the successful submission of a proposal to the target program
- Generate knowledge that can be used to:
 - Address contemporary problems and/or
 - Enable future development of improved techniques
- Link to plant commodity priorities
- Include a vision and plans for the improvement of Michigan crops or other industry segments
- For resubmissions, describe how reviewer comments were addressed in the revised proposal.

Extension/Demonstration proposals must:

- Have regional or statewide orientation
- Utilize a team of campus and field-based personnel
- Be supported by and use results from Project GREEN or other relevant MSU research projects

FUNDING SCOPE

To maintain the flexibility of Project GREEN funding, there are established guidelines for funding amount and multi-year proposals. All multi-year requests must clearly justify the proposed time span and provide a progressive linkage among the activities in subsequent years. Multi-year funding is not guaranteed but is contingent on satisfactory progress and available Project GREEN funding. If year one activities are considered preliminary, submit as a single-year proposal.

Project GREEN proposals are due Monday, January 10, 2022.

View research priorities and submit grant proposals thru

competingforgreen.agbioresearch.msu.edu

MULTI-YEAR FUNDING GUIDELINES AND LIMITS

Project GREEN has established limits on the number of submissions by lead Principal Investigators. The limits are:

- Applied Science – limit 2 submissions
- Basic Science – limit 1 submission
- Extension/Outreach – limit 1 submission

New fiscal year 2022 projects-time limits:

- Applied Research – two year maximum
- Basic Research – two year maximum
- Extension/Demonstration – two year maximum

New fiscal year 2022 projects-funding limits.

There is no formal cap on the amount of funding requested. However, strong justification is required for requests in excess of:

- Applied Research - \$40,000 per year
- Basic Research - \$40,000 per year
- Extension/Demonstration - \$25,000 per year

PROPOSAL REVIEW

All proposals are subjected to scientific review and ranking by panels composed of current and emeritus MSU faculty, academic staff, MSUE educators, MDARD employees and industry professionals. Each panel is selected by Project GREEN leadership to meet the needs of the individual funding panels. The identity of panel members is confidential.

The chair of each review panel reports the recommendations of the panel to the Directors' Action Team (DAT). The DAT reviews these rankings and makes final decisions on funded proposals and appropriate allocations. The following criteria are used by all panel members.

Evaluation Criteria	Applied	Basic	Extension
Alignment with specific programmatic priorities of the industries and/or commodities served by Project GREEN. Letters of support from industry and commitment with matching funds.	20	20	20
Extent of partnering with and potential impact on Michigan plant agriculture industries.	10	5	15
Mechanism to deliver information to Michigan plant agriculture industries.	15	-	30
Scientific soundness; appropriateness of methodology; feasibility of completion. Does it connect to previous research? Does it position the research for future competitive funding?	35	40	25
Team composition and investigator qualifications are aligned with project objectives.	10	10	5
Leverage of external and other funding sources	10	25 ¹	5
Total	100	100	100

^ Use this as a guideline for determining the strengths and weaknesses of your proposal. Panel reviewers utilize this evaluation criteria when reviewing proposals.

¹ For Basic proposals, the potential to leverage external and other funding sources is an important criterion that will be evaluated.

Applied Research Program

Applied Research proposals must:

- **Enhance industry profitability**
- **Provide long-term benefits to Michigan's plant agriculture**
- **Contain a plan to disseminate information to the plant industries**
- **Be environmentally and socially responsible**
- **Address issues through single or multi-disciplinary approaches**

Evaluation Criteria

Evaluation Criteria	Applied	Basic	Extension
Alignment with specific programmatic priorities of the industries and/or commodities served by Project GREEN	20	20	20
Extent of partnering with and potential impact on Michigan plant agriculture industries	10	5	15
Mechanism to deliver information to Michigan plant agriculture industries	15	-	30
Scientific soundness; appropriateness of methodology; feasibility of completion; investigator qualifications	35	40	25
Team composition and qualifications are aligned with project objectives	10	10	5
Leverage of external and other funding sources	10	25	5
Total	100	100	100

Proposal Rating Form

Project ID/PI Last Name:	
Reviewer:	
Program Area:	Applied Research

Evaluation Criteria	Max Points	Points
Alignment with specific programmatic priorities of the industries and/or commodities served by Project GREEN. Letters of support from industry and commitment with matching funds.	20	
Extent of partnering with and potential impact on Michigan plant agricultural industries.	10	
Mechanism to deliver information to Michigan plant agriculture industries.	15	
Scientific soundness; appropriateness of methodology; feasibility of completion. Does it connect to previous research? Does it position the research for future competitive funding?	35	
Team composition and investigator qualifications are aligned with project objects.	10	
Leverage of external and other sources.	10	
	Total Points	0

Recommendation:

- Highly Recommended
- Consider if funds available
- Do not fund

Comments:

Project GREEN Workshop

Extension

Presenter: Dr. Ron Bates

NOVEMBER 2, 2021

Project GREEN

- ▶ Extension proposals **MUST** have a collaborative team of campus & field personnel executing the project.
 - ▶ The collaborative team should work on the proposal together and be aware of the deliverables and everyone's responsibilities **BEFORE** proposal submission.
- ▶ Extension Panel Consists of:
 - ▶ Five industry and Michigan Department of Agriculture & Rural Development members.
 - ▶ Four MSU/MSUE members.

Project GREEN

Evaluation Criteria	Extension
Alignment with specific programmatic priorities of the industries and/or commodities served by Project GREEN. Letters of support from industry and commitment with matching funds.	20
Extent of partnering with and potential impact on Michigan plant agriculture industries.	15
Mechanism to deliver information to Michigan plant agriculture industries.	30
Scientific soundness; appropriateness of methodology; feasibility of completion. Does it connect to previous research? Does it position the research for future competitive funding?	25
Team composition and investigator qualifications are aligned with project objectives.	5
Leverage of external and other funding sources	5
Total	100

Project GREEN

Mechanism to Deliver: 30 points:

- ▶ Typically, poorly done!
- ▶ Have a defined outreach plan on how information will be communicated and discuss evaluation for appropriate activities.
- ▶ Be specific!
- ▶ Reference specific educational events where information will be shared.
- ▶ Indicate industry partner events where information will be presented as appropriate. This can be included in a letter of support!

Project GREEN

Mechanism to Deliver: 30 points:

- ▶ Don't assume insider knowledge of communication systems
 - ▶ MSUE News – discuss its reach – work with Work Teams and communicators on this information
 - ▶ CANR/MSUE Website – discuss it's reach and reference views of similar materials
 - ▶ If shared at national meetings, discuss the # of attendees

Project GREEN

Scientific Soundness: 25 points:

- ▶ Don't try to camouflage an applied research activity as an Extension project
- ▶ Provide sufficient detail on the activity or activities, so the reader can understand what will be done and WHY it is important, including the benefit to the end user.
- ▶ If the project develops a new activity that will be repeated overtime, include how it will be sustained without GREEN funding
- ▶ Budget Justification – be specific as feasible on how funds will be spent.

Project GREEN

Scientific Soundness: 25 points:

- ▶ Activities can include;
 - ▶ Development of materials (e.g. publications, videos, podcasts, on-line courses, etc)
 - ▶ Updates of web materials
 - ▶ Educational series and materials
 - ▶ Monitoring and reporting back to growers/industry
 - ▶ Demonstrations
 - ▶ Etc
- ▶ Include discussion on how impact will be determined.

Project GREEN



Alignment with Industry Priorities: 20 points

- ▶ Provide convincing narrative on how the project aligns with industry priorities.
 - ▶ Support letters should also include how the project aligns with industry priorities.
- ▶ If the project address an industry priority not listed within the Project GREEN priorities, have an industry support letter from an industry representative that states the importance of the proposed project.

Project GREEN

Alignment with Industry Priorities: 20 points

- ▶ Letters of support
 - ▶ Be strategic on the number of letters provided and what the letter states.
 - ▶ Multiple letters of support are not helpful if it is the same letter on different letter head.

- ▶ Should contain how an organization will provide support;
 - ▶ Stating that this is a priority for the industry and why
 - ▶ Indicate how their organization will work with the project;
 - ▶ Access to members, or mailing lists, other resources, etc
 - ▶ Having the project team present results at their events
 - ▶ Allow for publication of results in their periodicals
 - ▶ Matching funds



Project GREEN

Extent of partnering and Impact: 15 points

- ▶ Describe what partnerships are involved and why they are important to the success of the project.
 - ▶ Why is this partnership(s) critical for the success of the project?
 - ▶ Can the partner(s) provide a letter of support?
- ▶ Infer what the impact can be upon successful completion on the project.
 - ▶ Discuss how the projected impact was arrived at.

Project GREEN

Team Composition & Investigator Qualifications: 5 points

- ▶ Briefly state the role of each person and what they will do to ensure success of the project
 - ▶ Include the different roles for the field and campus members and why each are necessary for the success of the project. Be specific!
- ▶ If outside expertise is needed, include that information.
 - ▶ For example;
 - ▶ Project includes survey work, include consultation with a survey specialist.
 - ▶ Project includes working with Unmanned Aerial Systems, include personnel with the necessary expertise.

Project GREEN

Leverage of External or Other Funding: 5 points

- ▶ If there are external funds pledged, make it clear on how those funds will be used.
- ▶ If existing funds will be leveraged, outside of Project GREEN, describe what those funds are and how they will be used within the project.
- ▶ Describe how matching resources will be used for the success of the project.

Project GREEN

Budget Tips

- Salaries for Academic staff are not allowed (TS Faculty, FT Faculty, Academic Specialists, Extension Specialists, Extension Educators)
- Salary support for non-academic staff must be appropriately justified. Specifically state what the personnel will do, and the time needed to do it.
- Work for Hire must be discussed in enough detail to understand what the outside company/personnel will do and why this is critical to the success of the project
 - A letter of support from the company would be helpful.

Project GREEN

Budget Tips

- Adequately describe what materials & supplies you will need and their cost.
- Provide the approach on how travel support was determined.
- Adequately describe how *Other Direct Costs* were determined.



Looking forward to reviewing

Your

Project **GREEN** Extension Proposal!

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AND JUSTICE FOR ALL



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mail:

U.S. Department of Agriculture
Office of the Assistant Secretary for Civil Rights
1400 Independence Avenue, SW
Washington, D.C. 20250-9410; or

fax:

(833) 256-1665 or (202) 690-7442;

email:

program.intake@usda.gov.

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Para presentar una queja por discriminación en el programa, el reclamante debe completar un formulario AD-3027, Formulario de queja por discriminación del programa del USDA, que se puede obtener en línea, en cualquier oficina del USDA, llamando al (866) 632-9992 o escribiendo una carta dirigida al USDA. La carta debe contener el nombre, la dirección y el número de teléfono del reclamante, y una descripción escrita de la supuesta acción discriminatoria con suficiente detalle para informar al Subsecretario de Derechos Civiles (ASCR, por sus siglas en inglés) sobre la naturaleza y la fecha de la presunta violación de los derechos civiles. La carta o el formulario AD-3027 completado debe enviarse al USDA por medio de:

correo postal:

U.S. Department of Agriculture
Office of the Assistant Secretary for Civil Rights
1400 Independence Avenue, SW
Washington, D.C. 20250-9410; o

fax:

(833) 256-1665 o (202) 690-7442;

correo electrónico:

program.intake@usda.gov.

Esta institución ofrece igualdad de oportunidades.

Basic Proposals

Fundamental Research with an Applied
Vision

Focus on industry/commodity priorities

Up to \$40K per year (2 year maximum)

- ▶ Basic proposed research must:
 - ▶ Position investigators to be competitive for national/international grants:
 - ▶ Include a specific plan for the submission of a grant proposal

Presenter: Dr. Ray Hammerschmidt

Basic Proposals

Fundamental Research with an Applied Vision

- ▶ Basic proposed research must:
- ▶ Generate knowledge that can be used to:
 - ▶ Address contemporary problems and/or
 - ▶ Enable development of improved techniques that support future research on a priority
- ▶ Develop and submit a competitive grant proposal
 - ▶ e.g., USDA, NSF
 - ▶ Timeline and agency/program for submission must be included

Basic Proposals

- ▶ Basic proposals must
 - ▶ Link to plant commodity priorities
 - ▶ Have a letter of support from industry
 - ▶ Include a vision and plans for how the research will support improvement of Michigan crops or other industry segments
 - ▶ For Basic resubmissions:
 - ▶ describe how reviewer comments were addressed in the revised proposal.

Scoring

Evaluation Criteria	Basic
Alignment with specific programmatic priorities of the industries and/or commodities served by Project GREEN. Letters of support from industry and commitment with matching funds.	20
Extent of partnering with and potential impact on Michigan plant agriculture industries.	5
Mechanism to deliver information to Michigan plant agriculture industries.	-
Scientific soundness; appropriateness of methodology; feasibility of completion. Does it connect to previous research? Does it position the research for future competitive funding?	40
Team composition and investigator qualifications are aligned with project objectives.	10
Leverage of external and other funding sources	25
Total	100

Letters of Support

- ▶ Important for all three grant programs
- ▶ Contact the appropriate commodity group or organization early in the process
 - ▶ Now would be a good time!
- ▶ Make sure that your proposal supports one or more of their priorities
- ▶ Provide the group with, at minimum, a summary of your project and why it supports their priorities

Letters of Support

- ▶ Do not write the letters
- ▶ If you seek support from more than one group, the letters should be from and specific to that group
 - ▶ Do not think that multiple letters that are all the same or very similar will help (it won't)
- ▶ The group needs to send the letter to you, and you will need to upload the letter

Industry Matching Funds

- ▶ Most important for Applied research projects.
 - ▶ Not as relevant for basic research because of the types of projects industry groups typically support.
 - ▶ For basic proposals, the likelihood of the project to leverage competitive funds is most important.
- ▶ Funds are to complement GREEN funds being requested
- ▶ Generally requested as part of the commodity group call for proposals

Industry Matching Funds

- ▶ Letters of support should note if they have or will consider funding your research through their program.
 - ▶ Industry match is another way to show support for your work
- ▶ Do not use start-up or other internal funds as match
- ▶ In-kind contributions used as match must be clearly documented and show how they are needed for project success

Review Process

- ▶ Panels consist of representatives from MSU, MDARD and Industry
- ▶ Proposals are assigned to panel members for review
 - ▶ Primary reviewer
 - ▶ Secondary reviewer
 - ▶ Reader
 - ▶ All panel members have access to all proposals
 - ▶ Ad hoc reviewers may be solicited

Review Process

- ▶ Panel members use the score sheet to provide numerical and written evaluations
 - ▶ Written comments used to support numerical ratings
- ▶ Panels meet in person (or ZOOM) to discuss and rank proposals
- ▶ Discussion led by the primary reviewer
 - ▶ Followed by comments from the other reviewer before full panel discussion

Review Process

- ▶ Panel discussions results recommendations:
 - ▶ **Fund**
 - ▶ **Fund with changes** (requires a revised proposal and/or budget in most cases)
 - ▶ Reduced objectives
 - ▶ Reduced budget
 - ▶ Reduced duration
 - ▶ In rare cases PIs with overlapping proposals may be asked to submit a revised, combined proposal

Review Process

- ▶ **Do not fund** (several reasons can contribute to this)
 - ▶ Not aligned with priorities
 - ▶ Poorly written
 - ▶ PIs do not document necessary expertise
 - ▶ No industry letters of support or match
 - ▶ Failure to submit a complete proposal
 - ▶ Failure to address all points of the RFA
 - ▶ e.g., Not having an outreach plan in applied proposals

Review Process

- ▶ Panel chairs presents the panel recommendations to DAT
- ▶ DAT makes final decision (fund, fund with changes, do not fund)
- ▶ Letters with review summaries sent to all PIs
- ▶ Panel chairs available to discuss proposals after letters are sent out



Project Submission Process

Presenter: Jackie Garcia (DeSander)

Step One

A Proposal Development Document MUST be created using MSU's EBS system prior to submitting proposal on Project GREEN competitive site.

The screenshot shows the Michigan State University EBS system home page. The page is organized into several sections: Enterprise Business Systems, My Approvals & Workflow, My Time & Payroll, My Personal Information, My Career & Training, My Benefits, Actions, and Reports. A red arrow points to the 'Research Administration' tile, which is part of the 'My Approvals & Workflow' section. Other tiles include U-Track Campus Package, Applicant Tracking System, Financial System, Business Intelligence and Analytics, Research Compliance, Spartan Marketplace, Travel and Expense, Action List: Finance: Research, Ability Training Compliance, OPD Course Spotlight, Approve Employee Time for Unit, Email Preferences for Workflow, HR Forms Workflow Report, Pay Change & Cost Redistribution, HR/Payroll Inbox, HR/Payroll Administrator Roles with Workflow Routing, Holiday Calendar, Bank Information, W-2 Reprint, Earnings Statements, Time Entries & Statement, 1095 Reprint, Time Quota Usage Monthly Report, Time Quota Balances, W-4 Tax Withholding, Personal Profile, Veteran Status, Work Location, Disability Status, MSU Shares Pledge Form, and Donate to MSU with Payroll Deductions.

The screenshot shows the Kuali COEUS system home page. The page is organized into several sections: Researcher, Unit, Central Admin, Maintenance, and System Admin. A red arrow points to the 'Create Proposal' link in the 'Proposals' section. Other sections include Conflict of Interest, COI Disclosures, Lists, Awards, Negotiations, Quicklinks, Workflow, and Preferences. The 'Proposals' section contains links for 'Create Proposal', 'Proposals Schedule', 'All My Proposals', and 'Create Proposal For Grants.gov Opportunity'. The 'Conflict of Interest' section contains links for 'Create New/Annual Disclosure', 'Complete Disclosure for a Research Proposal', 'Complete Sponsored Reimbursed Travel Event', 'Enter New/Updated Financial Entry', and 'Update My COI Disclosure'. The 'Lists' section contains links for 'Search Proposals', 'Search Proposal Log', and 'Search Institutional Proposals'. The 'Awards' section contains links for 'Awards in Progress' and 'All my Awards'. The 'Negotiations' section contains a link for 'All My Negotiations'. The 'Quicklinks' section contains a link for 'Kc Pessimistic Lock'. The 'Workflow' section contains a link for 'Preferences'. The 'Disclosure Review' section contains a link for 'Review Disclosures Assigned to Me'. The page footer contains copyright information: Copyright 2005-2014 The Kuali Foundation. All rights reserved. Portions of Kuali are copyrighted by other parties as described in the Acknowledgments screen.

competingforgreen.agbioresearch.msu.edu/

The screenshot shows the website interface for 'Competing For GREEN' at MSU AgBioResearch. The browser address bar shows the URL. The header includes the MSU logo, 'AgBioResearch', 'Competing For GREEN', a search bar, and a 'Login' button. A red arrow points to the 'Login' button. The main content area is titled 'Program Information' and 'More Information'. A central box titled 'Project GREEN' contains four sections: 'Announcements', 'Submit Proposal', 'Grant Program Timeline', and 'Public Resource Files'. Brackets on the left and right sides of this box are labeled 'Researcher Resources'. The footer contains MSU contact information and a navigation menu.

Competing For GREEN

MICHIGAN STATE UNIVERSITY
AgBioResearch
Competing For GREEN

Search MSU...

Login

Program Information

The mission of MSU AgBioResearch is to engage in innovative, leading-edge research that combines scientific expertise with practical experience to generate economic prosperity, sustain natural resources and enhance the quality of life in Michigan, the nation and the world.

The success of MSU AgBioResearch is due to the efforts of outstanding researchers; close partnerships and collaborations with MSU Extension, seven MSU colleges, federal and state agencies, commodity groups and other key stakeholders; and exceptional legislative support.

More Information

Project GREEN
Project GREEN (Generating Research and Extension to meet Economic and Environmental Needs) is a collaborative effort by plant-based commodities and businesses in cooperation with AgBioResearch, MSU Extension, and the Michigan Department of Agriculture and Rural Development (MDARD) to advance Michigan's economy through its plant-based agriculture. Its mission is to develop research and educational programs, ensure and improve food safety and protect and preserve the quality of the environment.

Project GREEN

Announcements Industry priorities may be found by clicking the link below. Plant Agriculture Industry Priorities - AgBioResearch (msu.edu)	Submit Proposal Submit Progress Reports	Grant Program Timeline Funding Year: 2022 Request for Proposals Released: October 11, 2021 2022 Proposal Submissions: 10/11/2021 12:00 AM - 1/10/2022 05:00 PM Notification of Awards: April 4-8, 2022 Project Initiation Date: July 1, 2022 2021 Progress Reports: 10/11/2021 08:00 AM - 1/10/2022 05:00 PM 2021 Termination Reports: 5/2/2022 08:00 AM - 6/20/2022 05:00 PM Funding Termination Date: June 30, 2023	Public Resource Files <ul style="list-style-type: none">A Letter From Dr. Jim Kells2022 Project GREEN RFP2022 Frequently Asked QuestionsRFP Guidelines & Cover Page TemplateBudget Template
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Researcher Resources

Researcher Resources

MICHIGAN STATE UNIVERSITY
Contact Information | Sitemap | Privacy | Accessibility
Call MSU: (517) 355-1855 | Visit: [msu.edu](#) | MSU is an affirmative-action, equal-opportunity employer. | [Notice of Non-discrimination](#)
Spaans WH | © Michigan State University

2:08 PM
11/3/2021

Please Login with MSU NetID

Username:

Password:

Lead principal investigator must be the one logging on using their MSU NetId and password.

Add Proposal for Project GREEN

Required inputs are indicated with an asterisk (*)

Funding Year: 2022

* Select Applicant:

Proposal Settings

* Type of Proposal:

- New Proposal
- Continuation of a Funded Proposal
- Resubmission of an Unfunded Proposal

Create Proposal

Cancel



Edit Proposal Information for Project GREEN

Required inputs are indicated with an asterisk (*)

Funding Year: 2022
Project ID: GR22-001

* Proposal Title:

Principal Investigator

All project correspondence will be mailed to the principal investigator.

* First Name:

* Last Name:

* Email:

* Address:

* City:

* State:

* Zip Code:

Institutional Affiliation

* Institution:

* Department:

Team Members

Member 1 First Name:

Member 1 Last Name:

Member 2 First Name:

Member 2 Last Name:

Project Funding

Enter project costs in whole dollars without commas or currency symbols.

* Amount Requested (Current Funding Year):

* Total Cost of Project:

* Total Project Duration (in years):

Tracking & Compliance

Umbrella Project MICL:

Proposal Development Number:

* Will this project be used as matching funds for a Specialty Crops Research Initiative proposal?

Yes No

* Will the proposed project utilize MSU greenhouse space?

Yes No

* Will this project involve human subjects, genetic material or animals requiring university approval?

Yes No

Note: If project is approved, funds will not be released until university approval is received.

Program Area & Commodities

* Program Area:

* Commodity Categories (select up to five):

- Alternative Energy
- Animal Agriculture
- Apples
- Asparagus
- Barley
- Beans
- Beets/Honey/Pollinators

* Commodity Group Affiliations (select up to three):

- *PLANT RESILIENCE RESEARCH
- Celery Research, Inc.
- Chestnut Growers Assn
- Corn Marketing Program of Michigan and the Michigan Corn Growers' Association
- Great Lakes Canola Association
- Great Lakes Hop Working Group
- Growers LLP Agricultural Association

* Synopsis of Proposal:

File Edit View Insert Format Tools Table

B *I* U ~~X~~ x^2 x^3 **A** [List] [Align] [Indent] [Outdent] Paragraph [Undo] [Redo]

[Link] [Image] [Table] [Code] [Fullscreen] [Print] [Close]

Dashboard | Reviews | Reports | Users | System | Logout

Reactions/Pollinators

* Commodity Group Affiliations (select up to three):

- *PLANT RESILIENCE RESEARCH
- Celery Research, Inc.
- Chestnut Growers Assn
- Corn Marketing Program of Michigan and the Michigan Corn Growers' Association
- Great Lakes Canola Association
- Great Lakes Hop Working Group
- Growns LLP Agricultural Association

* Synopsis of Proposal:

File Edit View Insert Format Tools Table

B I U S X X' A Paragraph

0.000 characters maximum. POWERED BY TRFY

* Potential Impact on Michigan's Economy:

File Edit View Insert Format Tools Table

B I U S X X' A Paragraph

0.000 characters maximum. POWERED BY TRFY

Proposal created on 09/14/2021 by jdesande
Proposal last edited on 09/14/2021 by jdesande
Proposal last modified on 09/14/2021 by jdesande



View Proposal

Proposal Status

[Update Proposal Status](#)

Proposal Status: Proposal Incomplete, no proposal file uploaded

Proposal Information Sheet

[Update Proposal Information Sheet](#)

ID: 1804
Funding Year: 2022
Project ID: GR22-001
Title: Test Proposal
Principle Investigator:
Business Address: 505 Circle Drive, East Lansing, MI, 48824
Institution: Michigan State University
Department: Entomology
Team Members:

Additional Information

Amount requested: \$50,000
Total Project Cost: \$50,000
Project Duration (in years): 1

MICL: 01234
Proposal Development Number: 52768
Project to be used as matching funds for a Specialty Crops Research Initiative proposal? Yes
Project will utilize MSU greenhouse space? Yes
Project involves human subjects, genetic material or animals requiring university approval? Yes

Program Area: Applied Research
Commodity Categories: Potatoes
Commodity Group Affiliations: Michigan Potato Industry Commission

Proposal Synopsis
Short summary

Potential Impact on Michigan's Economy
Short summary

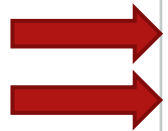
Supporting Files

All supporting files must be in pdf format. To be complete, a submission must include a pdf proposal file with the proposal details. Letters of support are optional. Merge multiple letters into a single pdf file.

[Add Proposal File](#)

No Proposal Uploaded

[Add Letter of Support](#)



Upload Proposal File

Proposal Identifiers

Funding Year: 2022
Title: Test Proposal

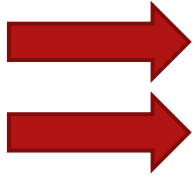
Project ID: GR22-001
Principle Investigator:

Proposal

* Upload File:

No file chosen


File must be in pdf format.



Upload Letter of Support

Proposal Identifiers

Funding Year: 2022
Title: Test Proposal

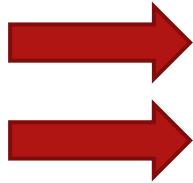
Project ID: GR22-001
Principle Investigator: 

Letters

* Upload File:

No file chosen

File must be in pdf format.



Add Proposal for Project GREEN

Required inputs are indicated with an asterisk (*)

Funding Year: 2022

* Select Applicant:

Update Applicant

Proposal Settings

* Type of Proposal:

- New Proposal
- Continuation of a Funded Proposal
- Resubmission of an Unfunded Proposal

Create Proposal

Cancel



Add Proposal for Project GREEN

Required inputs are indicated with an asterisk (*)

Funding Year: 2022

* Select Applicant: Update Applicant

Proposal Settings

* Type of Proposal:

- New Proposal
- Continuation of a Funded Proposal
- Resubmission of an Unfunded Proposal

Funded Proposals

* Select Proposal	Project ID	Funding Year	Continuation	Principal Investigator	Title	Program Area	Amount Requested	Funded Amount
<input type="radio"/>	GR21-089	2021	No		Assessing insect pest resistance status and developing responses for Michigan berry crops	Applied Research	\$40,000	\$40,000
<input type="radio"/>	GR20-082	2020	No		Delivering timely IPM information to the Michigan grape industries	Extension/Demonstration	\$24,408	\$24,400
<input type="radio"/>	GR20-059	2020	No		Influence of extreme heat conditions on blueberry pollination and bee nutrition	Basic Research	\$39,669	\$39,669
<input type="radio"/>	GR20-056	2020	No		Improving biological control of spotted wing Drosophila in Michigan farms	Applied Research	\$40,000	\$40,000
<input type="radio"/>	GR19-075	2019	No		Improving performance of control programs for SWD in Michigan blueberries	Applied Research	\$40,000	\$40,000
<input type="radio"/>	GR18-038	2019	Yes		Managing pests during bloom while reducing pesticide risk to bees: towards best management practices for blueberry pollination	Applied Research	\$39,967	\$40,000
<input type="radio"/>	GR18-038	2018	No		Managing pests during bloom while reducing pesticide risk to bees: towards best management practices for blueberry pollination	Applied Research	\$39,967	\$40,000
<input type="radio"/>	GR18-035	2019	Yes		Varietal susceptibility and chemical control of blueberry stem gall wasp in Michigan blueberries	Applied Research	\$39,989	\$39,900



Add Proposal for Project GREEN

Required inputs are indicated with an asterisk (*)

Funding Year: 2022

* Select Applicant: Update Applicant

Proposal Settings

* Type of Proposal:

- New Proposal
- Continuation of a Funded Proposal
- Resubmission of an Unfunded Proposal

Funded Proposals

* Select Proposal	Project ID	Funding Year	Continuation	Principal Investigator	Title	Program Area	Amount Requested	Funded Amount
<input type="radio"/>	GR13-056	2013	No		Tactics for Sustainable Grape Berry Moth Management in Vineyards	Applied Research	\$39,747	\$39,750
<input type="radio"/>	GR13-060	2014	Yes		Combating Spotted Wing Drosophila in Michigan Berry Crops	Applied Research	\$39,630	\$39,630
<input type="radio"/>	GR13-060	2013	No		Combating Spotted Wing Drosophila in Michigan Berry Crops	Applied Research	\$39,638	\$39,800
<input type="radio"/>	GR11-232	2012	Yes		Managing gall wasp in Michigan blueberries	Applied Research	\$19,181	\$19,900
<input type="radio"/>	GR11-203	2012	Yes		Responding to Spotted Wing Drosophila's arrival in Michigan Small Fruit Crops	Applied Research	\$39,957	\$39,700
<input type="radio"/>	GR10-106	2011	Yes		Optimizing management of grape berry moth with risk assessment, pest phenology, and sustainable controls	Applied Research	\$33,926	\$34,000
<input type="radio"/>	GR10-106	2010	No		Optimizing management of grape berry moth with risk assessment, pest phenology, and sustainable controls	Applied Research	\$37,737	\$34,000
<input type="radio"/>	GR09-059	2010	Yes		Management plans for emerging blueberry insect pests: Putnam scale and blueberry gall midge	Applied Research	\$30,691	\$25,000
<input type="radio"/>	GR09-051	2010	Yes		Developing a comprehensive fuwhorm management program for Michigan blueberries	Applied Research	\$30,727	\$25,000

Create Proposal Cancel



Michigan State University AgBioResearch Competing For GREEN

Edit Proposal Information for Project GREEN

Required inputs are indicated with an asterisk (*)

Funding Year: 2022
Project ID: GR21-089

* Proposal Title:
Assessing insect pest resistance status and developing responses for Michigan berry crops

Principal Investigator

All project correspondence will be mailed to the principal investigator.

* First Name: [Redacted] * Last Name: [Redacted]
* Email: [Redacted]
* Address: [Redacted]
* City: East Lansing * State: Michigan
* Zip Code: 48824

Institutional Affiliation

Michigan State University AgBioResearch Competing For GREEN

Edit Proposal Information for Project GREEN

Team Members

Member 1 First Name: [Redacted] Member 1 Last Name: [Redacted]
Member 2 First Name: [Redacted] Member 2 Last Name: [Redacted]

Project Funding

Enter project costs in whole dollars without commas or currency symbols.

* Amount Requested (Current Funding Year): 0 * Total Cost of Project: 80000
* Total Project Duration (in years): 2

Tracking & Compliance

Umbrella Project MCL: [Redacted] Proposal Development Number: PD4 [Redacted]

* Will this project be used as matching funds for a Specialty Crops Research Initiative proposal?
 Yes No

* Will the proposed project utilize MSU greenhouse space?
 Yes No

* Will this project involve human subjects, genetic material or animals requiring university approval?
 Yes No
Note: If project is approved, funds will not be released until university approval is received.

Program Area & Commodities

* Program Area: Applied Research
* Commodity Categories (select up to five):
Alternative Energy

Michigan State University AgBioResearch Competing For GREEN

Dashboard | Reviews | Reports | Users | System | Logout

Michigan University Council
Michigan Wheat Program
National Organic Program
Name: [Redacted]
Pickle Seed Research Fund
Sustainable Agriculture Committee
Western Michigan Greenhouse Association

* Proposal #/Project:
File Edit View Insert Format Tools Table

* Principal Investigator:
File Edit View Insert Format Tools Table

* Reviewer:
File Edit View Insert Format Tools Table

4,000 characters maximum

Update Proposal Cancel

Proposal created on 09/24/2021 by jlealand
Proposal last edited on 09/24/2021 by jlealand
Proposal last modified on 09/24/2021 by jlealand



What happens after submission?



Questions? Contact Jackie Garcia at jdesande@msu.edu.

Thank you!

