



National Soybean Research Center
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REQUEST FOR PROPOSAL (RFP)

Feed the Future Innovation Lab for Soybean Value Chain Research (SVCR IL) (Soybean Innovation Lab – SIL)

Managing Program

Pest and Disease Management Platform – Year 2

About SIL

The Feed the Future (FTF) Innovation Lab for Soybean Value Chain Research (SVCR IL) is part of the strategic investment by the U.S. Government to make transformative changes in the food systems of target partner countries. FTF is the overarching U.S. government initiative on global hunger and food security. FTF programs work in close partnership with target countries to develop innovative agriculture advancements that break the poverty and hunger cycles. For a further overview of the U.S. FTF initiative, please visit www.feedthefuture.gov. SIL, initiated in 2013, is currently funded through 2027. SIL operates in 30 countries and 202 locations.

Background

SIL's Disease and Pest Team exists to help African farmers identify and manage disease and pest problems to avoid yield loss and identify new threats to soybean production as cultivation expands. The team has developed a tool kit for disease and pest management which includes disease identification and management guides and courses, disease scouting and evaluation methods, early warning systems, resistant/tolerant varieties, fungicide application, and spray advisory calculator. Our goals include the following:

- Strengthen the networks focused on soybean disease and pest management in Africa.
- Expand the groups we have on Facebook and WhatsApp to other social media platforms.
- Expand and promote the use of the SIL Tool Kit for soybean disease and pest management.
- Update and expand our Field Guide publications to effectively serve the soybean complex in Sub-Saharan Africa.
- Expand our novel Disease Nursery Network to keep breeders and farmers abreast more effectively of the dynamic pest and disease threat environment, especially Soybean Rust and Red Leaf Blotch.
- Expand the early warning real-time pest and disease alert network dubbed Africa Anti-rust Alliance to other diseases.
- Conduct trials to collect and analyze data to understand the economic impact of soybean rust and red leaf blotch
- Build and deploy a rust management toolkit for practitioners and their farmers to effectively prepare for and manage this devastating soybean disease.



- Continue to partner with colleagues in the Agricultural Research Service of the USDA to track and better understand Red Leaf Blotch. This devastating disease has yet to be discovered in the United States.
- Conduct fungicide efficacy trials for red leaf blotch management.

Geographic Focus

This Request for Proposals spans Africa, with a focus on sub-Saharan Africa.



Applicant Eligibility

This RFP will support the Consultative Group for International Agricultural Research (CGIAR) institutions, Non-governmental organizations (NGOs), the private sector, university institutions, and members of the National Agriculture Research System (NARS) institutions, as defined by FAO (<http://www.fao.org/3/Y4349E/y4349e05.html>): “NARS are defined, in a given country, as encompassing all institutions public or private devoting full time or partially their activities to agricultural research and committed to a national research agenda.”

Applicants must be actively involved in disease and pest research and development, with a demonstrated track record of scaled impact (outreach, adoption, diffusion, or commercial sales). Projects funded under this RFP must be led by a principal investigator (PI) already based at the lead institution.

Funding Amount

The maximum amount awarded for proposal development grants is \$25,000, including indirect costs. All budget requests should be commensurate with the scope and proposed deliverables of the project.

Time length

The duration of the grant is up to one year. Smaller, more target project periods with more limited budgets or shorter timelines are also acceptable.

Capacity Strengthening

The research team winning the award will undergo training and then employ the [Innovation-to-Impact \(i2i\)](#) learning platform and management system, which will support their implementation of the Product Life Cycle (PLC) framework. Capacity building is a critical theme that each project must address. Research proposals should demonstrate capacity-building plans both at the individual level and at an institutional level.

Cross-cutting themes

The cross-cutting themes of gender and youth responsiveness and resilience are a central focus of SIL. As noted above, the target product profiles selected must seek to address gender and youth-based constraints and show potential for economic inclusion for women and youth. Applicants must designate a team member with the relevant background and expertise in gender and youth inclusion to guide the team in these focus areas.

Finally, applicants should be prepared to join the SIL community on monthly researcher conference calls, biannual advisory board meetings, and annual researcher retreats.

Proposal Submission Deadline

SIL will continue the support of this program over the next five years through an annual competitive grant program. Only proposals that adhere to the following guidelines will be fully considered. Proposals need to be emailed to soybeaninnovationlab@illinois.edu by **September 8th, 2023**, and the maximum proposal length is two single-spaced pages, not including the budget. Proposals must be written in English. Questions about this RFP should be emailed to soybeaninnovationlab@illinois.edu.

Proposal Instructions

Successful proposals need to follow the following outline:

1. Introduction

- a. Describe your program
 - i. Goals
 1. Long term
 2. Over the next year
 - ii. Successes
 - iii. Challenges
 - iv. Sources of support

2. Program Description

- a. What will take place?
- b. Theory of Change?
- c. What will be the outcomes?
- d. Describe your materials and methods when using the grant funds.
 - i. This should match your budget and budget justification.
- e. Describe how you will measure progress.
- f. Be specific and outline key metrics.
 - i. Project deliverables – Include a separate section for project deliverables that includes outcomes, milestones, and deliverables. Include a timeline for the attainment of objectives and production of deliverables that include final milestones with specific and measurable outcomes.
- g. Cross-cutting issues – Include a section describing activities and teams to address gender and youth issues.
- h. Select suitable performance indicators from the FTF Handbook of Indicators that are applicable to the activities of your project and data collection plan. <https://agrilinks.org/post/feed-future-indicator-handbook>.
- i. What is the monitoring, evaluation, learning, and adaptation plan?
- j. Describe a plan for how the program will be sustained without donor funding.

3. Budget

- a. The budget needs to include separate budget lines for salaries, benefits, supplies, services, domestic travel, international travel, and indirect costs.
- b. Your budget total needs to include indirect costs.
- c. Please provide a budget justification and a list of leveraged support for the program.