

**County of Alamance**  
 Field Crop Sustainability Initiative

 ID: R-202409-08384  
 Program Lead:

Grant Amount:

Status

Draft

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## ▼ Organization Information

**Organization:** County of Alamance  
**Primary Contact:** Bill Kleiner  
**Primary Signatory:** Bill Kleiner  
**Alternate Contact 1:**  
**Alternate Contact 2:**

## Fiscal Information

**Organizations's next fiscal year begins:** 7/1/2024  
**Total current annual operating budget:** \$253,726,384.00  
**Budget figure provided is for fiscal year ending:** 6/30/2024  
**Total current endowment, reserve, or unrestricted fund balance:** \$2,244,715.00  
**Endowment, reserve, unrestricted fund balance is for fiscal year ending:** 6/30/2024  
**Does this grant include a Fiscal Sponsor?** No

## ▼ Full Application

**Project Title:** Field Crop Sustainability Initiative  
**Program Area:** CBGI - Community-Based Grants Initiative  
**Amount Requested:** \$300,000.00  
 Total cost of the project including the amount requested from Golden LEAF  
**Project Budget:** \$552,500.00  
 Select the priority funding area that this project addresses.  
**Priority Funding Area:** Agriculture

## Project Summary:

Since one of Alamance County's Strategic Initiatives is to preserve Agriculture, the main focus of this project is to use the requested equipment to help farmers make choices that will make them be more profitable and preserve the farm. The equipment will allow Extension to conduct small-plot research in Alamance and surrounding counties, so that farmers can see what works in their area and on their farms. The program will be implemented by purchasing the equipment, putting out small plot research that will take up less area, so farmers can actively farm in the area, then work with local growers, state specialists, and local seed representatives on developing the field crop research plots that are most beneficial for this area. Doing University Based research helps farmers to make better educated decisions in order to remain profitable and to continue in their profession. Data will be collected for all Research/Extension demonstration plots and discussed at local Extension field day meetings and other trainings for farmers. Results will also be shared on social media and farmer publications like handouts and newsletters.

## Sustainability:

A large portion of the grant would be invested in the equipment for Extension to conduct more efficient research and educational programs. Land will be donated by the Buster Sykes Farm, owned by NC State, to construct a shed and store all equipment for the projects. County funding would be used to help maintain the equipment for the research plots. Land will be donated from farmers and cooperators to conduct the research plots. Other agricultural grants from USDA, local foundations, and other sources will be used to help with costs of seed, chemicals, and other disposable expenses. Grants and donations from Growers associations (Corn, Soybean, small grain), Farm Bureau, AG Carolina Farm Credit will also be used to support the projects. In-kind donations from seed companies and industry representatives will be used. Other in kind support from State Field Crop Specialists will be supporting the projects with seeds, fertilizer, and other items to conduct the research.

## Outcomes Summary:

Research/extension field plots will go onto Alamance County farms for the first two years to develop a system. These plots would give local crop data for farmers to evaluate on their farms. This data is critical in the management of their farms and to keep them economically viable for the future. Finding the proper new crop varieties that produce well in the Piedmont area is critical for farmers to compete in the local, regional and world markets. Extension will document participants at Field Day trainings throughout the Piedmont area.

Numerical data from the field crop plots will be collected and published for the farmers electronically and with hard copy handouts. Information will be available on websites and social media for farmers to view. Extension will measure short, medium, and long term outcomes such as the increase of knowledge, money saved as a result of the research, and number farmers changing their practices as a result of the research.

#### Organization History:

Cooperative Extension extends research-based knowledge to all North Carolinians, helping them transform science into everyday solutions that improve their lives and grow our state. Extension is the trusted, go-to resource for connecting research and education to the communities, economies and families of our state, creating prosperity for all North Carolinians.

Dwayne Dabbs, is our lead Field Crops Extension Agent, who has just completed his Masters degree at NC State. He will be working with a number of specialists from the University to help expand his program area and research. Dwayne has done many crop demonstration plots throughout the county, but is limited with the resources he presently has available. This project would expand his research demonstration plots to more farmers and supply sufficient data to help the farmers. Cooperative Extension History is a rich history that can be found at this site: <https://www.ces.ncsu.edu/extension-history-and-milestones/>

Where will project work be conducted? Select all that apply.

**Geographic area in NC where project work will be conducted:** Alamance, Caswell, Chatham, Guilford, Orange, Person, Randolph, Rockingham, Granville

Select all counties directly impacted by the project.

**Geographic area served by the project:** Alamance, Caswell, Chatham, Guilford, Orange, Person, Randolph, Rockingham, Granville

#### ▼ Priority Outcomes

Select the priority outcome(s) to be achieved as a result of the project, baseline value(s), the target(s) to be achieved, and the target date(s) by which the outcomes will be achieved, and the source(s) of data that will be used to verify the project results.

Please select the priority outcomes below for them to appear.

**Priority Outcomes:** Number of participants at agricultural trainings, New publications directed towards farmers

Number of participants at agricultural trainings

<b>Target :</b>	200
<b>Target Date:</b>	12/1/2025
<b>Baseline:</b>	50
<b>Baseline Date:</b>	10/26/2023
<b>Data Source:</b>	USDA - FSA records and Extension newsletter

New publications directed towards farmers

<b>Target:</b>	16
<b>Target Date:</b>	12/1/2025
<b>Baseline:</b>	8
<b>Baseline Date:</b>	10/26/2023
<b>Data Source:</b>	AC Cooperative Extension

#### Other Project Outcomes:

Farmers retained - 200 farmers - 12/31/2025-30  
Increased farm/farmer revenues - 50 farms - 12/31/2025-30  
New acres in production for individual farms - 12/31/2025-30  
Changes in farm practices - 50 farms - 12/31/2025-30  
New field crop varieties or crops grown by farmers - 50 farms - 12/31/2030

#### ▼ Project Activities

Identify key tasks required to achieve project outcomes. Provide a target completion date for each.

##### Activity 1:

Storage of equipment:  
Plan and construct a storage facility for equipment on Buster Sykes Demonstration Farm, Mebane.

**Activity 1 Target Date:** 11/30/2024

##### Activity 2:

Purchase equipment:  
Purchase and store equipment that will be used for small plot field crop research.

**Activity 2 Target Date:** 5/30/2025

##### Activity 3:

Equipment use and maintenance:  
Establish and implement process for equipment use, recordkeeping, and maintenance.



**Activity 3 Target Date:** 5/30/2025**Activity 4:**

Plan, design, and implement field demonstrations:

- Discuss and plan with farmers - February, 2025

- Set up farmer field demonstration plots (corn, soybean, wheat, and other crops) - May, 2025

**Activity 4 Target Date:** 5/31/2025**Activity 5:**

Harvest and Collect data for field demonstration plots

Wheat Data collection - October, 2025

Corn, soybean, and other crops data collection - September-October, 2025

**Activity 5 Target Date:** 11/30/2025**Activity 6:**

Design, implement, and conduct field day trainings for wheat, corn, soybean and other crops - August - September 2025

**Activity 6 Target Date:** 9/30/2023**Activity 7:**

Information Dissemination for corn, soybean, wheat and other crops

Publish and distribute informational materials

Data placed on web and social media - October, 2025

**Activity 7 Target Date:** 12/31/2025**Activity 8:**

Design and implement other educational meetings for farmers

Evaluate the continuation and expansion of the project to other counties after two years.

**Activity 8 Target Date:** 12/31/2027**▼ Project Time Frame**

Period of time to complete project outcomes, which may extend beyond the grant term.

**Project Begin Date:** 7/1/2024**Project End Date:** 12/31/2029

Enter the number of months only.

**Project Term:** 66**▼ Grant Term Information**

Period of time over which Golden LEAF funds would be used.

**Created By (Date):** Terri Adou-Dy (9/8/2023)**Start Date:** 7/1/2024**End Date:** 12/31/2026**Duration In Months:** 30**▼ Documents**

Required Golden LEAF forms may be found here.

Certification and Signature Form

**REQUEST DOCUMENTS**

02 Alamance County Project\_Budget\_and\_Budget\_Narrative-Form (2).xlsx

**ACH Form**

Added by Bill Kleiner at 11:08 AM on October 24, 2023



20 Alamance County Business Plan Strategic Plan Feasibility Study.docx

**Business plan, strategic plan, feasibility studies**

Added by Bill Kleiner at 9:05 AM on October 24, 2023



19 Alamance County Major contributors.docx

**Major contributors**

Added by Bill Kleiner at 8:59 AM on October 24, 2023























































18 Alamance County Other Supporting Document for Equipment Golden Leaf G...



**Other**

Added by Bill Kleiner at 8:53 AM on October 24, 2023

 05 Alamance County -2022-Audit-Report-final.pdf   **Most recent fiscal year-end financial statements**  
Added by Bill Kleiner at 8:51 AM on October 24, 2023 13 Alamance County Project Staff.docx   **Project staff (staff, job description, and role in project implementation)**  
Added by Bill Kleiner at 8:45 AM on October 24, 2023 09 Alamance-County-2021-Audit-Report.pdf   **Prior two years of financial statements**  
Added by Bill Kleiner at 8:41 AM on October 24, 2023 09 Alamance County-2022-Audit-Report-final (1).pdf   **Prior two years of financial statements**  
Added by Bill Kleiner at 8:41 AM on October 24, 2023 17 Alamance County Golden Leaf Grant Letter of Support- Willie Holliday.pdf   **Community/county partners**  
Added by Bill Kleiner at 8:35 AM on October 24, 2023 16 Alamance County Golden Leaf Grant Letter of Support- Vaughn Willoughb...   **Community/county partners**  
Added by Bill Kleiner at 8:35 AM on October 24, 2023 15 Alamance County Golden Leaf Grant Letter of Support- Michael McPherso...   **Community/county partners**  
Added by Bill Kleiner at 8:35 AM on October 24, 2023 11 Alamance County Proposal Description.docx   **Proposal description (3 pages max.)**  
Added by Bill Kleiner at 8:31 AM on October 24, 2023 10 Alamance County Organization Information.docx   **Organization information (1 page max.)**  
Added by Bill Kleiner at 8:31 AM on October 24, 2023 08 Alamance County Most recent management letter on internal controls.docx   **Most recent management letter/report on internal controls**  
Added by Bill Kleiner at 8:27 AM on October 24, 2023 07 Alamance County Organization Budget for Period Covered by the Grant R...   **Organization's budget for the period covered by the grant request**  
Added by Bill Kleiner at 8:26 AM on October 24, 2023 06 Alamance County FY 23-24 AC Cooperative Extension Budget.pdf   **Organization's budget for the current year**  
Added by Bill Kleiner at 8:22 AM on October 24, 2023 06 Alamance County FY 23-24 Budget-Ordinance-Original-signed.pdf   **Organization's budget for the current year**  
Added by Bill Kleiner at 8:22 AM on October 24, 2023 03 Alamance County Board of Directors.docx   **Board of Directors**  
Added by Bill Kleiner at 2:23 PM on October 20, 2023 04 Alamance County Tax Exemption Status.pdf   **Evidence of tax-exempt status**  
Added by Bill Kleiner at 2:22 PM on October 20, 2023 05 Alamance County -2022-Audit-Report-final.pdf   **ACH Form**  
Added by Bill Kleiner at 2:22 PM on October 20, 2023 06 Alamance County FY23-24 NC State Extension Budget.pdf   

**Project budget**

Added by Bill Kleiner at 2:18 PM on October 20, 2023



12 Alamance County Outcomes Narrative.docx



**Outcomes narrative (1 page max.)**

Added by Bill Kleiner at 2:02 PM on October 20, 2023

ORGANIZATION DOCUMENTS