



REQUEST FOR PROPOSALS

UNIVERSITY OF CALIFORNIA

CALIFORNIA CROP IMPROVEMENT ASSOCIATION

2021 RESEARCH GRANTS

The California Crop Improvement Association is soliciting new and continued research proposals for new and improved varieties, insect/pest control, etc. for alfalfa, beans, and cereals that will enhance the economic, environmental, and food and fiber quality of California crops.

PROPOSALS DUE

The deadline is April 16, 2021. **No late applications will be accepted.**

BACKGROUND

The role of the California Crop Improvement is to provide seed certification services, a voluntary quality assurance program for the maintenance and increase of agronomic and vegetable crop seed. The purpose of CCIA is not only to certify seed but to make such seed available to the public and to engage in such other activities as to promote the production, distribution and use of good seed.

PRIORITIES

Successful proposals will implement one or more of the following California Crop Improvement Association's goals:

- To develop new germplasm and varieties of alfalfa and cereals.
- To evaluate and adapt germplasm and varieties to benefit California agriculture.
- To improve end product quality.
- To determine physiological processes relating to germplasm improvement.
- Bean research funds are collected by CCIA and are intended for basic research and/or disease identification.

CATEGORIES

Projects addressing these goals may be proposed in the following categories:

1. Genetics, breeding, germplasm, and variety development
2. Seed physiology
3. Seed production management and cultural practices
4. Seed conditioning, storage and treatment

MULTIPLE YEAR PROJECTS

Multiple-year proposals will be accepted. All proposals will be funded on a year-to-year basis, with Annual Progress Reports required (see attached).

REVIEW

The proposals will be reviewed and evaluated by CCIA Industry Advisory Committees. The CCIA Board of Directors will make final decisions regarding awarding of grants.

ELIGIBILITY

Those eligible to apply include researchers affiliated with California public and private institutions.

APPLICATION AND AWARD DATES

One original application with required signatures using the prescribed format must be received by 5:00 p.m., April 16, 2021 to Dr. Gail Taylor, Chair, Department of Plant Sciences, University of California, Davis, CA 95616.

In addition, submit the application by email, as an attachment (MS Word or pdf), to **both** email addresses below before 5:00 p.m., April 16, 2021:

- Dr. Gail Taylor – gtaylor@ucdavis.edu
- CCIA – ccia@ucdavis.edu

FORMAT

Proposals must not exceed five single-spaced typewritten pages, plus cover page and budget. Proposals which do not adhere to the guidelines will not be reviewed.

A. COVER PAGE

Use the cover page provided, or an exact duplicate of it, for the following information; title, status of proposal (new or continuing), investigators, budget total, and summary of the proposal (200 word limit).

B. OBJECTIVES

A clear, concise, and complete statement of each specific research objective.

C. PROCEDURES

For each objective discuss the research or educational methods you propose to employ so they are understandable to both growers and technical people. Indicate data to be gathered and analyses to be used.

D. JUSTIFICATION

Describe the importance of the proposed research, and indicate estimated success in accomplishing objectives. State anticipated problems in the research proposed, and how they will be addressed.

E. BUDGET

Prepare a budget table in the following format. (If this is a continuing research project and the request is for increased funding, please justify in detail the increase). If the proposed project is part of a larger project which is seeking funds from other sources, describe briefly the related project(s) and proposed funding sources(s). If funding for the project is available or has been received from other sources, indicate this on the budget page.

<u>Expenditure Category</u>	<u>Requested Funds</u>
General Assistance Staff Research Associate Part-time Assistance Employee Benefits	
Supplies and Expenses	
Equipment (Itemize when cost is greater than \$1,000)	
TOTALS	
Related projects(s) and proposed funding source(s) or additional funding received:	

F. APPROVALS

The proposal should be approved and cosigned by the principal investigator and department chair.

Attach a completed copy of this page at the beginning of your proposal.

COVER PAGE

PROJECT TITLE

PRINCIPAL INVESTIGATOR

Name

OTHER INVESTIGATORS

Names

BUDGET TOTALS

7/1/21 - 6/30/22 _____

SUMMARY

(200 words or less):

Attach a completed copy of this page to your research report (if applicable) as part of your proposal.

CALIFORNIA CROP IMPROVEMENT ASSOCIATION

COMPREHENSIVE ANNUAL RESEARCH REPORT

July 1, 2020 to June 30, 2021

PROJECT TITLE:

PROJECT LEADERS AND PRINCIPAL UC INVESTIGATORS:

LEVEL OF 2020-2021 FUNDING:

OBJECTIVES AND EXPERIMENTS CONDUCTED BY LOCATION TO ACCOMPLISH OBJECTIVES:

SUMMARY OF 2020-2021 RESEARCH (Major Accomplishments) BY OBJECTIVE:

PUBLICATION OR REPORTS:

CONCISE GENERAL SUMMARY OF CURRENT YEAR'S RESULTS: