

FACT SHEET

AFRI CONVENTIONAL PLANT BREEDING FOR CULTIVAR DEVELOPMENT (A1143)



Image courtesy of USDA.

The 2022 National Institute of Food and Agriculture’s **Agricultural and Food Research Initiative (AFRI)** Request for Applications (RFA) under Assistance Listing 10.310, requests applications pertaining to **Conventional Plant Breeding for Cultivar Development**. This program area priority is designed to support public breeding efforts that provide farmers with greater access to locally and regionally adapted cultivars especially associated with climate change.

APPLICANT DEADLINE AND FUNDING

- FY 2022: September 22, 5 p.m. Eastern
- Approximately \$3.2 million is available for A1143 funding in FY 2022
- Read more about the program area priority in the [AFRI Foundational and Applied Science Program RFA](#)

Applicant Eligibility

- Colleges or universities (including junior colleges offering associate degrees or higher)
- State agricultural experiment stations
- National laboratories
- Federal agencies
- Private organizations or corporations
- Other research institutions or foundations
- Individuals who are U.S. citizens, nationals or permanent residents
- A consortium of two or more eligible entities.

PROGRAM AREA PRIORITIES

Applications for research must address later stages of cultivar development focused on testing and evaluation of developed materials with the primary goal of releasing publicly finished cultivars. Research proposals must include:

- How the cultivar will be released and marketed.
- Who owns the intellectual property.
- Letters of support from stakeholders.
- How the research fits within the overall existing breeding program.
- How this support for later stages of cultivar development will enhance and increase the availability of cultivars in the marketplace within the duration of the award.

In addition to the research, proposals may include requests for modern plant breeding equipment (e.g., ranging from field to seed or processing to laboratory) to support plant breeding program infrastructure. Standalone equipment proposals are not acceptable. Relevance and need to enhance cultivar development must be clearly justified, demonstrable and specific. Research that incorporates education of field-based plant breeders is strongly encouraged. Breeding for Tribal food systems using indigenous traditional ecological knowledge is appropriate for this program area priority.

Funded Projects

Information about [projects funded under this program](#) can be found at NIFA's Current Research Information System, or CRIS.

Applying for Funding

Only electronic applications submitted via Grants.gov will be accepted. Visit the [NIFA Grants Application Guide](#) for instructions on how to apply.

Program Contacts

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