

2010 SPRING REQUEST FOR NEW RESEARCH PROPOSALS FOR THE 2011-2012 PRODUCTION SEASON IN FLORIDA

DEADLINE MAY 6, 2011

The Florida Strawberry Research and Education Foundation (FSREF) invites qualified researchers to request funding for projects that will deliver direct value to the Florida strawberry industry. Projects may be single season or proposed for multiple years with annual review and renewal. Preference will be given to research that directly addresses the listed research priorities:

1. Cultivar Development and Testing
 - a. Investigation of increased freeze tolerance in plants
 - b. Improve clean stock program for foundation materials

2. Pest Management Strategies
 - a. Development of effective control of pathogens where regulatory changes have or may lead to increased management problems
 - i. Study impact of reduced number of Captan applications allowed, and develop new BMP
 - b. Expand prevention program for Spotted Wing Drosophila
 - c. Identification and control of emerging and invasive pests impacting strawberry fruit production

3. Production Efficiency and Profitability
 - a. Effective utilization of methyl bromide alternatives
 - b. Examine impact of generic herbicides used between beds
 - c. Improved BMP's for abnormal weather conditions:
 - i. Relationship of cold conditions to bronzing of leaves in Florida varieties
 - ii. Relationship of nitrogen uptake in cold conditions to browning calyx in Florida varieties
 - d. Develop proactive BMP's for ALS prevention/minimization
 - i. Develop treatment methods and efficacy at time of planting
 - ii. Develop preventative actions at nursery level

- e. Develop proactive prevention methodologies for Phytophthora in tailwater ponds and irrigation sources
 - f. Identification and control of emerging diseases in strawberry fruit production
4. Resource Management
- a. Investigate technological methods to enhance groundwater conservation during plant establishment
 - b. Development of enhanced methods for strawberry production that will reduce labor costs and/or address other emerging issues that are likely to cause significant changes in current production methods
 - c. Cost effective implementation of non-groundwater frost/freeze methodologies driven by emerging regulations

Research proposals for the control of pests or pathogens should include goals to reduce grower costs through the improvement of current pest management programs.

Please submit proposals to info@FlaStrawberry.com by May 6, 2011 in PDF or MS Word format. Please write "2011 RFP" and your name in the subject line of the email.

Cover Sheet: Please list project title, funds requested, anticipated duration of the project, principal investor(s), organization, Co-PI(s) with affiliation, cooperator(s), contact information for PI (email, phone, address)

Summary: Please provide a summary (400 words or less) of the proposed research, general methods, and anticipated results

Justification: Please describe the subject to be investigated, the need for the proposed research, and the benefits to the Florida strawberry industry (one page maximum)

Objectives: Please describe the specific goals of the proposed project and indicate how this research will meet the priorities identified in this RFP

Methods: Describe the procedures and methodology to be used, the kinds and timing of expected results, and potential problems or limitations that may be encountered

Proposed schedule of accomplishments: If proposed project is multi-year, please list the projected accomplishments for each year you anticipate funding

Budget: Please breakdown costs into salary, benefits, equipment, supplies, travel, & miscellaneous. For proposals with more than one PI, separate columns/pages should be used to clearly show how the funds are distributed among researchers. For multi-year proposals please provide estimated budgets for each year of the proposal (with detailed budget only for the first year). FSREF does not allow indirect or overhead costs to be charged against grants we award to researchers. FSREF encourages proposals that involve cost sharing with other granting agencies or third parties.

Curriculum vitae: A brief vitae (no more than three pages) for each PI with employment and education history along with relevant research and extension publications

Signatures: The PI must confirm that all Co-PI's approved the content of the proposal and obtain their signature and required approvals from their University/agency. You may mail hardcopy to FSREF at P.O. Drawer 2550, Plant City, Fl 33564

Reporting of research results: Annual reports of research progress are required at the end of each funding year, or as specified, for all funded proposals. The reports will be distributed to the Florida strawberry industry through publications and/or the FSGA website. Additional reports and updates in the form of production guidelines, newsletter stories, fact sheets, and other informative materials are also requested to enhance communications between researchers and growers. Researchers are strongly encouraged to present the results of their research at Agritech and Ag Expo field days. Researchers are also encouraged to present their results at scientific meetings and publish them in peer-reviewed journals.