



## **SOLICITATION FOR RESEARCH PROPOSAL FOR 2018 GRANTS** **CANERS Foundation...Endowment for Research and Scholarship**

1521 I Street, Sacramento, CA 95814

(916) 448-3900 ♦ Fax: (916) 446-1063

Email: lora@agamsi.com ♦ Website: www.cangc.org

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The CANERS Foundation has funds available to support research projects pertinent to the production, post-harvest handling and marketing of nursery crops.

- Nursery crops include shrubs and trees produced in containers, field grown deciduous trees and rose bushes, annual bedding plants, foliage and flowering pot plants, sod, and succulent plants.
- Grants are made for specific research projects that deal with propagation; production systems; culture, including irrigation and fertilization; soil mixes; insect, disease, and weed control; energy conservation; mechanization; post-harvest handling and transportation; and marketing.

### **PROJECTS OF PARTICULAR INTEREST TO THE CALIFORNIA NURSERY INDUSTRY ARE:**

#### **Pest Management Including Exotic and Invasive Pests**

- Nematodes and weed control in field grown and containerized stock without methyl bromide.
- Pasteurization of potting media.
- Weed control
- Disease management
- Phytophthora ramorum and other Phytophthora species (diagnostics, treatment protocols, risk analysis).
- Insect, mite and insect vector control.
- Snail and slug control.
- Exotic pests and diseases of immediate concern. (**LBAM, ACP, PSHB**, GWSS, RIFA).
- Response plan to exotic pests in the urban incubator – especially early detection.
- Plant virus management (diagnosis, host range analysis, prevention, resistance development).

#### **Water Conservation and Water Quality**

- Control and management of irrigation and storm runoff.
- Improving irrigation efficiency in the nursery and landscape.
- Evapotranspiration rates in new landscapes.
- Evapotranspiration standards throughout the State of California.

#### **Miscellaneous Issues**

- Reducing environmental impacts of nurseries.
- Bees and other pollinators: conservation and management.
- Validation of regulatory standards.
- Facilitation of intrastate, interstate and international shipment of nursery stock.

## PROPOSAL GUIDELINES AND INFORMATION

- Proposals for project funding are invited from qualified researchers at universities and colleges and other research institutions.
- Emphasis is on those projects that will benefit the retail and wholesale industry in California.
- Projects will be funded up to \$25,000 per year for 1-3 years.
- Applications for support for multiple year projects must be submitted for each year. A progress report submitted with the application for subsequent year's funding is not required but it would be helpful to the committee reviewing the application. There will also be an opportunity to give a short presentation on the project to the Research Committee during the February 2019 meeting if that is preferred.
- **Grants will not include** administrative overhead, support of principal investigators' salary, or capital expenditures.
- CANGC research grants should be considered “seed money” to assist in the purchasing of supplies or provide initial results for acquiring other funding.
- Projects that provide for rapid translation of results into nursery practice will receive high consideration.
- Researchers located outside of California must have a co-researcher based in California. See Grant Application for more details.
- Proposals will be evaluated for significance to the industry and technical design of the research by a committee of industry professionals and university researchers.

## SUBMITTING A PROPOSAL

1. **The deadline for submission of grant applications for 2019 is November 22, 2018. Proposals received after that date will not be considered.**
2. **Email to CANGC to [lora@agamsi.com](mailto:lora@agamsi.com). Must be received by midnight on 11/22/2018**
3. **The CANGC Research Committee will review proposals and applicants will be notified of action on their proposal by February 2019**
4. The Grant application is attached to this email. Please use this form to submit your proposal.