



IDAHO STATE BOARD OF EDUCATION

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February 15, 2011

Dr. Steve Love
University of Idaho
1693 S. 2700 W.
Aberdeen, ID 83210

FUNDING AUTHORIZATION

Dear Dr. Love:

The University of Idaho, Aberdeen Research & Extension Center is authorized to expend up to \$49,770 toward expenses of the project entitled "Enhancing Propagation Capability to Accelerate the Commercialization of Domesticated Native Plants". The following information applies to these funds.

Amount of Grant: \$49,770
Project Title: Enhancing Propagation Capability to Accelerate the Commercialization of Domesticated Native Plants
Grant Number: IF11-011
Authorized Uses for the Funds: Project expenditures as outlined in the budget of the approved proposal
Fiscal Period in which funds will be expended: March 1, 2011 - June 30, 2012
Distribution of Funds: All funds for this grant will be distributed in one lump sum in FY2011. The Institution is responsible for accounting for the funds and insuring that the money is spent on the project according to the grant guidelines.
Institutional Contact: Gene Merrell and Polly Knutson
Progress (Financial Burn Rate) Report Due to OSBE: June 1, 2011
September 1, 2011
December 1, 2011
March 1, 2012
Final (End-of-Project) Report Due to OSBE: June 15, 2011

The grants and contracts officer or the designated research officer at your institution is responsible for monitoring and assisting with the administrative management of the projects and ensuring that progress and final reports are submitted by the due dates given. Any request concerning this project must be submitted via email to Patty Sanchez.

The State Board of Education and this office forward their congratulations and wish grantees the best with their projects. If you have any questions, please contact Patty Sanchez at (208) 332-1562 or patty.sanchez@osbe.idaho.gov.

Sincerely,
Mike Rush
Mike Rush
Executive Director

cc: Doug Baker, Provost
Lloyd Mues, Financial VP

Interim Report – SBOE Incubation Grant Program
Enhancing Propagation Capability to Accelerate the Commercialization of
Domesticated Native Plants

A Project of the University of Idaho's College of Agricultural and Life Sciences (CALs)

Principle Investigator:

Stephen Love
Aberdeen R & E Center
1693 S 2700 W
Aberdeen, ID 83210
208-397-4181
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“Gap” Project Objectives:

The objective of this project is to enhance the transference of domesticated native plant germplasm from UI to the Idaho nursery industry, with two specific sub-objectives:

1. Develop a “breeder” seed production and increase system to facilitate the transfer of valuable germplasm from the University of Idaho to a private partner nurseryman.
(Breeder seed is the original, principle source of propagation material for plant varieties.)
2. Establish a public/private cooperative “foundation” seed production system that is compatible with product improvement and preparation for product sales. (Foundation seed is the second generation of propagation material used for commercialization of new plant varieties.)

Progress Toward Objectives

Objective 1: Activities and state of completion.

1. Weed barrier fabric and a fabric laying machine were purchased. Over 5,000 linear feet of fabric were laid and breeder source plants established on the fabric at the Aberdeen R & E Center. (Activity completed.)
2. A drip irrigation system was designed for the Aberdeen R & E breeder seed plots.
(Design complete and equipment selected and priced. Purchase will be made within a few weeks and the system installed in spring 2012.)

3. Seed cleaning equipment selected for purchase. (Purchase and delivery taken on a South Dakota Seed Blower and an Office Clipper Tester and Cleaner. Specifications are currently being drawn up on a hammermill which will be purchased within the next 2 months.)

Objective 2: Activities and state of completion.

1. An irrigation pump was purchased and delivered to the Conservation Seeding and Restoration foundation seed farm. This was installed as a portion of a drip system for the company's new state-of-the-art foundation seed production facility (Complete).

During the summer, CSR spun off a new subsidiary company called Native Roots to market native plants for landscaping purposes. They have invested a large amount of money into a new foundation seed production farm in Filer, ID. They are currently in the process of planting the first installment of seed parental material.

Funding Impact: The SBOE Incubation Funds facilitated and expedited the development of a viable native plant seed and nursery plant production system. This money enhanced and ensured the development of a legal partnership between the University of Idaho and the new company Native Roots. To date, forty accessions of plants have been delivered by the University of Idaho to Native Roots for production purposes. This was the first installment of what should become a continuous stream of new products.

Budgetary Update:

Total SBOE funding received:	\$49,770
Total spent as of 7 Sep 2011:	\$13,233

Funds remaining by category:	
Salary/fringe benefits:	\$15,118
Capitol outlay (equipment):	\$20,140
Operating (planting supplies):	\$ 870
Travel:	\$ 410