

**The Oregon Seed Council  
&  
The Oregon Department of Agriculture  
Research Grant Program  
in cooperation with the  
Agricultural Research Foundation  
2005-2006**

**APPLICATION AND INSTRUCTIONS**

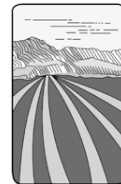
**Agricultural Research Foundation  
Strand Agriculture Hall, Suite 100,  
Oregon State University  
Corvallis, Oregon 97331-2219**

Oregon Department of Agriculture  
Natural Resources Division  
635 Capitol St NE, Salem, OR 97301-2532  
503-986-4701

Oregon Seed Council  
1193 Royvonne St. Suite 11  
Salem, OR 97301  
503-585-1157

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**Oregon**  
Department  
of Agriculture

# **Alternatives to Field Burning Research Grant Program 2005-2006**

## **Dates to Remember**

Call for Applications February 2, 2006  
Application due by March 18, 2005

**(Applications must be received on or before March 18, 2005 or they will not be accepted)**

Committee Decisions Announced April 29, 2005  
(Tentative based on final budget)

## **Fund Availability and Report Due Dates**

**SHORT-TERM RESEARCH - completed July 1, 2005- February 28, 2006**

July 1, 2005- 40% of funds distributed  
September 30, 2005- Interim report due for approval by ODA  
October 15, 2005- 10% of funds distributed  
February 28, 2006- Final report due for approval by ODA  
March 15, 2006- 50% of funds distributed

**LONG-TERM RESEARCH - completed July 1, 2005 – November 30, 2006**

July 1, 2005- 40% of funds distributed  
February 28, 2006- Interim report due for approval by ODA  
March 15, 2006- 40% of funds distributed  
November 30, 2006- Final report due for approval by ODA  
December 15, 2006– 20% of funds distributed

# Section I

## Introduction

The Oregon Seed Council (OSC) and the Oregon Department of Agriculture (ODA) has available approximately \$240,000 for the fiscal year July 1, 2005 through June 30, 2006 to fund “Alternatives to Field Burning” research projects. This grant-funding project is in response to ORS 468A.555 that states\*:

### *Policy to reduce open field burning.*

*The Legislative Assembly declares it to be the public policy of this state to reduce the practice of open field burning while developing and providing alternative methods of field sanitization and alternative methods of utilizing and marketing crop residues.*

Funds for this research are provided through the fees that growers are charged for field registration, open field burning, stack burning, and propane flaming. The Oregon Seed Council, through contributions made by various seed crop commodity organizations, provides additional funds.

The goal of the Grant Funding Committee is to fund as many high priority projects as possible with the available funding. The Committee wants to make the process of developing a successful grant application as straight forward as possible. The following are important points to note in the grant process:

- Grants will be awarded based on the availability of funds for a given grant cycle. *By submitting this application, grantee understands and agrees that ODA and OSC will pay only for completed work that is accepted by ODA and OSC. Interim and final reports are the basis for documentation of work completion.*
- Grants will be awarded based on the Grant Funding Committee’s priorities, while also following the directive laid out in ORS 468A.555 for ODA source funds.
- There will be one grant cycle per year and applications will not be held over from one grant cycle to the next.
- Multi-year funding is not possible, but researchers are encouraged to apply annually for grants.

### Grant Eligibility

Any person, tribe, watershed council, soil and water conservation district, community college, state institution of higher education, independent not-for-profit institution of higher education or political subdivision of this state that is not a state agency, and the Agricultural Research Service, may submit a request for funding. A state agency or federal agency may apply for funding only as a co-applicant with one of the other eligible entities.

## Project Criteria

Priority will be given to projects that fit within one or more of the project criteria outlined below.

1. Alternatives to field burning sanitation;
2. Practices to improve production efficiency;
3. Weed control and management with priority given to projects that address control of Rattail Fescue, California Brome, and *Poa Annua*;
4. Insect control with priority given to projects that address slug, Crane Fly, and grain mite pests;
5. Environmental impacts of alternative seed production methods;
6. Straw marketing with priority given to projects that address endophyte toxicosis, transportation safety, and potential uses as biofuels;
7. Identifying/developing alternative crops that can be part of profitable grass seed cropping systems;
8. Identification of causes of poor stand establishment in no-till grass seedings;
9. Other: Other project ideas that the Grant Funding Committee agrees fits into the definition of “Research and development of alternatives to field burning.”

## ODA/OSC Grant Program Policies

1. The Grant Funding Committee will not fund project administration costs in excess of “10%” of the total awarded amount. Funds to Oregon State University scientists will be administered by the Agricultural Research Foundation and administrative charges are not allowed.
2. The Grant Funding Committee will only consider grant applications that identify specific project activities.
3. Grant applications will be considered complete as submitted. Clarification of information may be sought from the applicant during the evaluation process but additional or new information will not be accepted after the application deadline.
4. ODA/OSC will only enter into new grant agreements with prior grantees if all terms of earlier grant agreements have been fulfilled to the extent possible given the research proposal type – short or long term.
5. The Research Committee will consider grant applications that fund private consultant personnel services only when such services are included as a component of a project proposed by other entities.
6. The Research Committee will support multi-year grants if projects are broken down into identifiable phases. However, projects will be reviewed on an interim basis to ensure that identifiable results are

being accomplished as part of the overall project objectives. Continued project funding will be subject to availability of funds. The Grant Funding Committee will also consider previous project performance and priorities within each grant cycle.

## **ODA/OSC/OSU Consultation Staff**

Members of the Grant Funding Committee are available to assist you in developing your proposal. Feel free to contact any of the staff members listed below.

### **Smoke Management Program**

635 Capitol St NE  
Salem, OR 97301-2532  
Telephone: 503-986-4701  
Fax: 503-986-4730  
John Byers, Program Coordinator – (503) 986-4718  
Jim Little, Meteorologist – (503) 986-4702  
Pat Apparcel, Program Assistant – (503) 986-4794

### **Oregon Seed Council**

1193 Royvonne St. Suite 11  
Salem, OR 97302  
Telephone: 503-585-1157  
Fax: 503-585-1292  
Dave Nelson – Executive Director

### **Oregon State University Extension**

Dr. Russ Karow  
Crop & Soil Science, Crops Unit  
107 Crop Science Bldg  
Corvallis, OR 97331-3002  
Phone 541-737-2821  
Fax 541-737-1589

### **Jefferson County Smoke Management Program**

Kathy Sullivan – Smoke Management Coordinator  
C/O Jefferson County Fire District #1  
PO Box 30  
Madras, OR 97741  
Phone – 541-475-7274  
Fax – 541- 475-7411

### **Union County Smoke Management Program**

Ruth Zempke – Smoke Management Coordinator  
Union County Seed Growers  
PO Box 226  
Imbler, OR 97841  
Phone – 541-534-6351  
Fax – 541- 534-2343

## Section II

# Application Instructions

Applications must be received by the application cut-off date listed on Page 2. Applications should be sent to the **Agricultural Research Foundation, 100 Strand Agriculture Hall, Suite 100, Oregon State University, Corvallis, Oregon 97331-2219**. If any of the information requested on the application form cannot be supplied, please be sure to include an explanation. Proposals from OSU scientists, and those within other agencies that require internal review of proposals, must complete needed reviews and obtain necessary approval signatures prior to proposal submission.

### 1. APPLICATION COVER PAGE – Please provide the following information on a single page:

**Heading: Submitted to the Agricultural Research Foundation to the Oregon Seed Council and Oregon Department of Agriculture Alternatives to Field Burning Research Grant Program.**

**Project title:** Provide a name that can be used for the project on all related correspondence and/or agreements. Give the project a name that helps to define it, as well as the county/counties in which the project is located.

**Project Fiscal Year: 2005-2006**

**Project Type: Short-term Research or Long-term Research**

**Name of Applicant(s)/Cooperators and Organization:** Primary applicant should be listed first. Include names of only those other cooperators who will be directly involved in the work or provide resources for completion of the work. Provide the primary applicant's affiliated organization.

**Funding History:** Please indicate the amount of prior funding that was received from this Research Committee. Indicate project name, fiscal year the grant was received and the amount received.

**Funds Requested:** Please indicate the amount of funding requested from The Research Committee and from other sources.

### 2. PROJECT Proposal – please provide the following information in the order listed

- a. **Abstract:** Include a statement of purpose, summary of objectives, actions taken, anticipated results, not to exceed 300 words. Provide your abstract in a format that can be understood by a layperson.
- b. **Objective(s):** Use specific objectives, each of which would permit measurable results.
- c. **Justification:** Provide specific information as to how the proposal addresses research and development of alternatives to field burning.
- d. **Materials and methods:** Provide sufficient detail to enable reviewers to understand how you intend to achieve the stated objectives. Relate methods to each specific objective.

- e. **Other Funding Sources:** Indicate whether other funds are being used to do this work and if so, list any conditions or limitations on these funds.
- f. **Is the proposal part of a larger research project?** Explain whether the project proposed is specifically identified in an existing part of other research proposals/grant.
- g. **Proposed schedule for the project:** List the anticipated start and completion dates for the various components of the project.
- h. **Are there additional partners (agencies, landowners, volunteers)? What role will they play in this project?** Almost all projects have the cooperation of landowners, professional advisors, organizations, and/or volunteers. Identify these entities, approximately how much time/materials they are contributing and what their role is in completing the project.
- i. **Proposed budget:** Itemize projected cost in each category - personnel, travel and supplies/materials - for funds requested from ODA/OSC only. **ODA/OCS do not pay tuition or student fees.**

## FORMATTING

An 8-page proposal length (excluding the cover page) is encouraged, but please use as many pages as necessary to concisely submit a complete application. Provide all headings shown indicating that an item is not applicable, if this is the case. Use Times New Roman font at 12-pitch with a margin of at least one-inch on all sides.

## Section III Reporting Instructions

Progress and final reports must be submitted by the due dates for short or long term research proposals. Reports should be sent to **the Agricultural Research Foundation, 100 Strand Ag Hall, Oregon State University, Corvallis, OR 97331-2219**. If any of the information requested for the report cannot be supplied, please be sure to include an explanation.

### 1. Progress Report Format (no more than two pages, Times Roman 12 pitch, 1-inch margins)

**Project title:** Use the same title as used on the initial proposal.

**Project Fiscal:** 2005-2006

**Project Type:** Short-term Research or Long-term Research

**Name of Applicant(s)/Cooperators and Organization:** Primary applicant should be listed first. Include names of all other cooperators. Provide the primary applicant's affiliated organization.

**Project Status Report:** Write a statement that outlines current progress on your project, anticipated completion dates for activities and any other information that will be of use in

OSC/ODA assessment of potential success in project completion as outlined in the original proposal.

## 2. Final Report Format

**Project title:** Use the same title as used on the initial proposal.

**Project Fiscal:** 2005-2006

**Project Type:** Short-term Research or Long-term Research

**Name of Applicant(s)/Cooperators and Organization:** Primary applicant should be listed first. Include names of all other cooperators. Provide the primary applicant's affiliated organization.

**Funding History:** List ODA/OSC support amount for this project and for the previous two years, if applicable.

**Executive Summary:** A summary (no more than one page) that outlines in layman's terms general procedures used and significant findings of the project. You must include a statement regarding implications for use of project results in making management decisions. These summaries will be placed on OSC and ODA websites and included in the annual OSU Seed Report. Write specifically for a lay audience.

**Objective(s):** List the specific objectives from your original proposal.

**Procedures:** Indicate general procedures used in the completion of each objective. Provide enough detail to allow readers to understand how you carried out your research.

**Significant Accomplishments:** The major section of your final report. Summarize research results. Report results by objective. What discoveries were made? What work still needs to be done?

**Benefits and Impacts:** Identify the known and potential benefits to growers, industry, and society. List immediate and possible longer-term benefits and impacts.

**Relation to other research:** Indicate how this work fits into your overall research effort. List sponsors of this other work.

**Formatting:** 8-page final report lengths are encouraged, but use as many pages as necessary to file a complete report. Provide all headings shown indicating that an item is not applicable, if this is the case. Use Times New Roman font at 12-pitch with a margin of at least one-inch on all sides.