

Diamond V Mills Research Program

Description

Diamond V Mills is interested in supporting innovative research through the competitive grant program focusing on improving the understanding of the role of yeast culture on animal production.

Type of research

Funded research may utilize either *in vivo* or *in vitro* research models. Target species will include dairy and beef cattle, swine, poultry, aquaculture, horses, pets, lab animals and small ruminants. Research in specific areas of emphasis is particularly encouraged.

Qualification

Researchers at private and public research institutions worldwide

Amount of grant

Maximum of \$30,000 per year, up to 2 years

Application Deadlines

Complete applications must be filed no later than **December 31, 2007**.

Late applications will not be accepted.

Announcement of Recipients

February 28, 2008

Areas of Emphasis

Diamond V Mills encourages applications in specific areas of emphasis. For more information contact DVRP Administrator at dvrp@diamondv.com.

For additional information regarding the application procedures for the Diamond V Mills Research Program, please download the Guidelines and Application file from this page.

E-mail: dvrp@diamondv.com

Application Guideline for DIAMOND V MILLS RESEARCH PROGRAM

Program Description

Yeast culture serves multiple roles in the biological system. Diamond V Mills in Cedar Rapids, IA, USA, is recognized throughout the animal nutrition field as an innovative, scientifically motivated feed ingredient supplier. We've provided natural, research-proven yeast culture products for more than 60 years and are constantly looking for practical solutions to nutritional problems encountered in modern animal agriculture. Diamond V provides yeast culture fermentation products to animal feed companies, dairy milk producers, beef cattle feedlots, integrated swine and poultry operations, as well as horse, pets and aquaculture industries worldwide. Diamond V wishes to support innovative research at select educational or scientific research institutions, especially research that focuses on the biological, physiological and immunological functions and properties of yeast culture.

The Diamond V Mills Research Program (**DVRP**) is a competitive grant program intended to support innovative research to improve our understanding of the role of yeast culture and fermentation products in modern animal agriculture. Grants are selected from applications submitted from qualified scientific institutions based on their originality, scope, scientific rigor, completeness, and potential to improve use of yeast culture in animal agriculture. Grants will be awarded to a maximum of \$30,000 per year, up to 2 years.

Qualification for DVRP

Any qualified educational or scientific research institution may apply for and, if awarded, receive a grant under the DVRP. Institutions need not be located in the U.S. to receive grant funding; however, grants will generally be provided in U.S. dollars. Institutions must have appropriate equipment, personnel and space, and must release a sufficient amount of the time on the part of the principal investigator and other researchers to complete the proposed work.

Application Deadlines and Announcements

Applications will be accepted to December 31, 2007. No applications will be accepted after this date. Announcement of grant recipients will be made on February 28, 2008.

Application Procedure

Applications must adhere to the following style and format. Applications that deviate from approved format will not be evaluated. The application should NOT include confidential information, trade secrets, and other proprietary information of either the applicant or third party.

Style and Format. Applications must be written in English in Microsoft Word or PDF format. Use 8½” × 11” page setup (A4 is acceptable). Use single space with one line between paragraphs. Font should be Times New Roman, 12 point. Use 1” (2.5 cm) margins on all sides. All lines should be numbered.

1. Title page. The title page should contain the application title, name(s) of authors, affiliation and contact information, including e-mail address. Use Journal of Dairy Science formats for affiliation (http://jds.fass.org/misc/ms_prep.shtml).
2. Abstract page. On a separate page, include an abstract of the research proposal (maximum 300 words). Include in abstract the expected value to Diamond V Mills regarding the use of yeast culture or fermentation products.
3. Research proposal (maximum 7 pages). Style and format should generally follow Materials and Methods as outlined in preparation of manuscripts for the Journal of Dairy Science (http://jds.fass.org/misc/ms_prep.shtml). Use abbreviations as allowed in the Journal of Dairy Science. All units of measure should be metric.

Materials and Methods should include the following:

- a. Introduction to identify the problem, relevant supporting information, past research and references, ending with a clear statement objective of the research
- b. Materials and methods to be used in execution of the research. Please be sure to include sufficient information to allow evaluation of the proposal, including (but not limited to) numbers and types of animals, methods for collection of data and samples, methods of laboratory analyses, experimental design, key equipment to be used and methods of statistical analyses. Incomplete explanation of materials and methods may preclude an evaluation of a proposal
- c. Time line for all key phases of the research.
- d. References
4. Biographical sketch of key personnel involved in the study. Please include names, contact information, degree information and expected role in the study.
5. Budget and Justification (maximum 3 pages). Specify in detail all costs associated with the study. Please specify costs, when possible, by project year. Budget should include (but is not limited to) items including:
 - a. Animal costs, including per diem animal rates
 - b. Feeds
 - c. Labor – salary and wages for full time and part time labor, including proportion of PI time associated with the study
 - d. Supplies
 - e. Equipment
 - f. Travel
 - g. Publication
 - h. Sub-contractor costs
 - i. Indirect costs. It is the policy of Diamond V Mills to pay a maximum of 15% direct costs

- j. Total budget request. Please include total budget request and request by project year.
 - k. Please include the institution's contributions to the cost of the research (such as salary support, etc.).
6. Assurances. This page should contain signatures from the Institution and the Principal Investigator, certifying to its completion, accuracy, and validity. Please send this signed Assurance form (can be found at www.diamondv.com/dvrp), postmarked no later than January 31, 2008.

DVRP administrator
Diamond V Mills, Inc.
c/o Dr. Ilkyu Yoon
838 1st St NW
Cedar Rapids, IA 52405
USA

Submission

Applications must be received by e-mail on or before 11:59 p.m., (US Central Time), December 31, 2007. Submit application form as an attachment to an email addressed to dvrp@diamondv.com. All documents must be submitted as a complete package. No portion of the application will be accepted via facsimile or mail. Upon submission, the entire application shall be the property of Diamond V Mills.

Announcement of Recipients

Diamond V Mills expects to complete its review of applications and to notify successful applicants by February 28, 2008.

Selection Criteria

Diamond V Mills shall review and consider, at its sole discretion, the completed applications. All decisions of Diamond V Mills shall be final and non-appealable. Among other factors, Diamond V Mills will consider, in their sole discretion, the following factors:

1. Relevance of the proposed research to physiological, nutritional and immunological aspects of yeast culture.
2. Depth, originality, and feasibility of the research proposal.
3. Clarity, methodology, and design of the research proposal.
4. The principal investigator's qualifications—experience, research, and training.
5. Evidence of the principal investigator's commitment to and potential for increasing awareness of the physiological, nutritional and immunological aspects of yeast culture research.
6. Nature, amount, and source of other resources proposed to be committed by applicant.

7. Contribution of funding from other complementary sources to the overall project.
8. Other factors deemed relevant by Diamond V Mills.

Payment schedule

One-year project

1. First payment: 30% upon initiation of the project.
2. Second payment: 30% upon submission of interim report (6 month)
3. Final payment: 40% upon submission of final report with raw data and SAS file

Two-year project

1. First payment: 30% upon initiation of the project
2. Second payment: 30% upon submission of 2nd interim report (1 year)
3. Final payment: 40% upon submission of final report with raw data and SAS file

Final Report

A final report must be received by Diamond V Mills prior to final payment. Delays in receipt of the final report will delay final payment. The final report must follow Journal of Animal Science or Journal of Dairy Science manuscript format or other refereed manuscript format and it should include abstract, introduction, materials and methods, results and discussion, conclusion and references. Complete raw data (Excel format) and statistical output must be submitted along with the final report. Diamond V Mills reserves the right to return incomplete, inaccurate or unacceptable reports for correction or completion prior to making final payment.

Sponsored Research Agreement

The terms and conditions of funding provided by Diamond V Mills and the research to be conducted by the successful applicant will be set forth in a Sponsored Research Agreement. Diamond V Mills understands that institutions have adopted a variety of policies and processes on transferring technology to the private sector. However, Diamond V Mills does expect to negotiate such an agreement, including ownership of intellectual properties, with each successful applicant. If an applicant has policies and processes that restrict or limit its ability to sign such an agreement, Diamond V Mills reserves the right to retract funding of the grant proposal.

Publication

While the institution and the principal investigator retain the right to publish scientific papers on the research conducted with DVRP funds, the institution and the principal investigator must notify Diamond V Mills of the desire to publish at least ninety (90) days in advance of publication and provide Diamond V Mills with a written description of the subject matter of the publication in order to permit Diamond V Mills to review and comment thereon. The institution and the principal investigator agree to delay

publication, upon Diamond V's written request, in order to permit appropriate steps to be taken (including in the form of an application for a patent) to protect any intellectual property arising from the research. All publications or presentations resulting from research conducted with DVRP funds must carry the following acknowledgement: "Funding for this research was received from the DIAMOND V MILLS RESEARCH PROGRAM."

Amendment of Contract

Either DVRP or recipient of DVRP grant can request amendment of contract. In such case contract can be amended within 30 days after the request with the written consent of both parties.