

PHYSICOCHEMICAL AND SENSORY PROPERTIES OF RESISTANT STARCH-BASED
CEREAL PRODUCTS AND EFFECTS ON POSTPRANDIAL GLYCEMIC AND
OXIDATIVE STRESS RESPONSES IN HISPANIC WOMEN

Annelisse Aigster

Dissertation submitted to the faculty of the Virginia Polytechnic Institute and State University in
partial fulfillment of the requirements for the degree of

Doctor of Philosophy
In
Human Nutrition, Foods and Exercise

William E. Barbeau, Co-Chair
Susan E. Duncan, Co-Chair
Frank D. Conforti
Kathryn W. Hosig
Craig D. Thatcher
Kevin Zhou

September 1, 2009
Blacksburg, Virginia

Keywords: Resistant starch, amylose, cereal bars, consumer acceptability, glucose response, postprandial, reactive oxygen species.

October 5, 2009

Annie Aigster
Virginia Tech
Corner of Washington St. Duck Pond Drive
22 Food Science and Technology Building (0418)
Blacksburg, VA 24061

Christine N. Taylor
Associate
Rights and Permissions
Publications
703-549-1500 ext. 1635 - Tel
703-683-2890 - Fax
permissions@diabetes.org

Permission Request Number: CT093009-VT

Dear Ms. Aigster:

We are pleased to grant permission to you to reproduce the following:

✓ **Diabetes Risk Test**

From: <http://www.diabetes.org>

Exact Material: <http://www.diabetes.org/food-nutrition-lifestyle/lifestyle-prevention/risk-test.jsp>

For use in: **Thesis**

The permission granted is for a one-time use only for English language as described in this agreement, and is subject to the following conditions:

1. Permission is granted for use in the following formats – **Print & Electronic**.
2. Each copy containing our material that you reproduce or distribute must bear the following copyright notice:
**“Copyright © 2009 American Diabetes Association
From <http://www.diabetes.org>
Reprinted with permission from *The American Diabetes Association.*”**
3. The test will be reprinted exactly as it was originally published.
4. Permission is **non-exclusive** and the American Diabetes Association reserves the right to grant the same permission to others.
5. This permission agreement is valid for a period of **twelve (12)** months beginning from the date of this letter.

Sincerely,



Christine N. Taylor

Unless specifically noted here, the permission granted does not include the use of the American Diabetes Association logo or the cover logo of the journal(s). Permission to reproduce material does not permit the above-named entity or the company sponsoring the resulting product to act as an agent of the American Diabetes Association or of the journals(s).

National Office

1701 North Beauregard Street
Alexandria, VA 22311
Tel: 703-549-1500

Diabetes Information

call 1-800-DIABETES (1-800-342-2383)
online www.diabetes.org
The Association gratefully accepts gifts through your will.

The Mission of the American

Diabetes Association is to prevent and cure diabetes and to improve the lives of all people affected by diabetes.