

Peer Review Plan

Preliminary Title: The Role of Marketing Loans in Supply Response for U.S. Dry Peas and Lentils: Implications for World Trade
 Influential Scientific Information

Agency: Economic Research Service Highly Influential Scientific Assessment
USDA

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Subject of Review: The 2002 Farm Act required the USDA to implement marketing loans for the 2002-07 pulse crops, including dry peas and lentils. The price protection offered by marketing loans could potentially lead to an expansion in planted acreage for dry peas and lentils. This study investigates the role of marketing loans in supply response for U.S. dry peas and lentils and draws out the implications of marketing loans for world prices and trade volumes. The analysis in this study is based on an acreage response model. This model treats the acreage response for dry peas and lentils, along with spring wheat, durum wheat, barley, and other minor field crops as a system of acreage allocation decisions. The model consists of four acreage share equations for dry peas, lentils, spring wheat (including durum), and barley, which are estimated by seemingly unrelated regression using pooled time-series (1997-2005) and cross-section (4 States) data. Estimated impacts of marketing loans for dry peas and lentils on world prices are based on a simulation model adapted from Sumner. Supply elasticities in the United States are taken directly from the above acreage response model.

Purpose of Review: The purpose of the review is to ensure the high-quality of the economic analysis, transparent explanation of methods, objective interpretation of results, and effective communication to the intended audience.

Type of Review: Panel Review Individual Reviewers
 Alternative Process (Briefly Explain):

Timing of Review (Est.): Start: 09/08/06 End: 05/03/07 Completed: 12/19/07

Number of Reviewers: 3 or fewer 4 to 10 More than 10

Primary Disciplines/Types of Expertise Needed for Review: Economists

Reviewers selected by: Agency Designated Outside Organization
Organization's Name:

Opportunities for Public Comment? Yes No
If yes, briefly state how and when these opportunities will be provided:
How:
When:

Peer Reviewers Provided with Public Comments? Yes No
Public Nominations Requested for Review Panel? Yes No

