

Peer Review Plan

Preliminary Title: The First Fifteen Years of Adoption of Genetically Engineered Crops in the United States

Type of Report
(ERR, EIB, EB) EIB

Influential Scientific Information

Agency: Economic Research Service Highly Influential Scientific Assessment
USDA

Agency Contact: Daniel Pick, dpick@ers.usda.gov

Subject of Review: More than fifteen years after their commercial introduction in the United States, genetically engineered (GE) seeds have been widely accepted by U.S. farmers because of their benefits--higher crop yields, lower pesticide costs, and/or time savings for farmers. Nonetheless, the rapid adoption of GE seeds has raised concerns about environmental and human health consequences. This report considers the three major stakeholders: GE seed suppliers and biotech firms; farmers; and consumers. To examine biotech seed firms, we use information from the literature and analyze USDA data on field testing approvals for new GE varieties. To study farmers, we draw on ERS studies of USDA farm surveys. To understand consumers' perspectives, we summarize surveys of consumers' attitudes from the literature.

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: 09/24/12 End: 12/17/12 Completed: 02/21/13

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



