

ERS Peer Review Plan

Preliminary Title: Demand for Alternative Feed Grains for Broiler Production in an Era of Global Price Uncertainty: The Case of Sorghum

Type of Report (ERR, EIB, EB) ERR

Influential Scientific Information

Agency: Economic Research Service Highly Influential Scientific Assessment
USDA

Agency Contact: Kelly Maguire, kelly.b.maguire@usda.gov

Subject of Review: The demand for chicken meat is expected to grow considerably in the future due to urbanization, income, and population growth (especially in developing and emerging economies). This increase in demand means that there will likely be a corresponding increase in feed demand. For major exporting countries of feedstuffs (grains and oilseeds), such as the United States, this offers an opportunity to increase their share of trade of these products. However, the COVID era and the Russia-Ukraine conflict have brought about a new era of uncertainty in feedstuff prices, especially among grains that have multiple uses, including food, biofuels, and feed. In particular, corn and wheat prices have been especially affected and yet are among the most commonly used grains in broiler feed formulations. Understanding the price responsiveness of demand can help assess whether other grain substitutes, such as sorghum, offer a real potential for growing their share in broiler feed formulations, especially under conditions of rising feed costs and price uncertainty. This study accomplishes this by estimating the responsiveness of risk-averse broiler producers to feed price volatility.

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: 3/7/2024 Completed: ---

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

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?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Public Nominations Requested for Review Panel?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No