

ERS Peer Review Plan

Preliminary Title: Drivers of Fertilizer Market Trends: Supply, Demand, and Prices

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: Most countries rely on imports to meet domestic fertilizer demand. Between 2020 and 2021, fertilizer prices increased substantially when conflicts involving fertilizer-producing countries, Belarus, Russia, and Ukraine, exacerbated already high fertilizer prices. Prices dropped between 2022 and 2023, but recent conflicts involving major potash producer, Israel, have sparked renewed concern over fertilizer prices. Because fertilizer is a major cost in U.S. production of corn and wheat, increases in fertilizer prices affect farmers' crop management decisions. This study analyzes trends in U.S. fertilizer supply, demand, and prices and identifies factors that contributed to changes since 2006.

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 [X] Individual Reviewers
[] Alternative Process (Briefly Explain):

Timing of Review (Est.): Start: 6/21/2024 Completed: 1/24/2025

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

Primary Disciplines/Types of Expertise Needed for Review: Economists

Reviewers selected by: [X] Agency [] Designated Outside Organization

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

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