## Peer Review Plan

Preliminary Title: Type of Report (ERR, EIB, EB)	The Economics of Glyphosate Ro ERR	
Agency:	Economic Research Service	<ul><li>[X] Influential Scientific Information</li><li>[] Highly Influential Scientific Assessment</li></ul>
Agency Contact:	USDA Daniel Pick, <u>dpick@ers.usda.gov</u>	<u>′</u>
Subject of Review: Lower herbicide costs, lower yield losses, and higher profits provide strong economic incentives for corn producers to adopt glyphosate as their primary herbicide, particularly on herbicide-tolerant genetically engineered corn. But over time, weeds can become increasingly resistant to glyphosate. This study examines economic incentives that might contribute to the evolution of glyphosate resistance in weeds; the impacts of resistance on input use, yield, and profit; the impacts of the adoption of best management practices on input use, yield, and profit; and the aggregate costs of glyphosate resistance. Using dynamic programming models, we also examine optimal and sub-optimal herbicide decision rules and annual incentive payments designed to promote adoption of the optimal pest management strategy.		
Purpose of Review:		nsure the high-quality of the economic analysis, ds, objective interpretation of results, and effective udience.
Type of Review:	[] Panel R	eview [X] Individual Reviewers
[ ] Alternative Process (Briefly Explain):		
Timing of Review (H	Est.): Start: 09/11/12	End: 03/11/13 Completed: 07/15/13
Number of Reviewer	rs: [] 3 or fewer	[X] 4 to 10 [ ] More than 10
Primary Disciplines/Types of Expertise Needed for Review: Economists		
Reviewers selected b		[ ] Designated Outside Organization Organization's Name:
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		