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November 12, 2018

Marquea D. King, PhD
Office of Science Coordination and Policy (OSCP)
Environmental Protection Agency (EPA)
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

RE: Nominations to the Federal Insecticide, Fungicide, and Rodenticide Act Scientific Advisory Panel
Docket ID Number: EPA-HQ-OPP-2018-0632
Federal Register: Vol. 83, No. 16, Friday, September 28, 2018, Page 49092

Dear Dr. King:

On behalf of the Entomological Society of America (ESA), we appreciate the opportunity to recommend Emily Fuerst for consideration to serve the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Scientific Advisory Panel (SAP) in an ad hoc capacity.

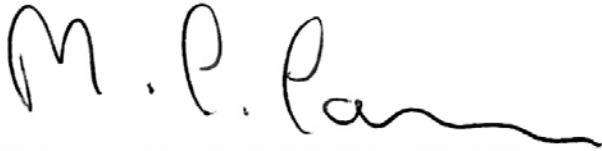
Ms. Fuerst is the Director of Research and Development at Kemin Crop Technologies, a division of Kemin Industries, and is a highly accomplished and respected scientist in the field of entomology. In her current role she is responsible for developing new and innovative solutions to protect specialty crops from pests while improving nutrient utilization. In this role, Ms. Fuerst commands a multinational research and development operation that generates groundbreaking technologies and discoveries that drive her company's ability to impact the lives of billions on a daily basis. Her earlier work included bark beetle pheromone identification, insect trapping and rearing, and collaboration with a team to identify the first pheromone biosynthesis activating neuropeptide receptor in the moth *Helicoverpa zea*. In addition to her expertise in entomology, Ms. Fuerst has a robust and diverse scientific background, including experience in the areas of microorganism engineering, enzyme development, encapsulation technologies, and formulation chemistry.

Ms. Fuerst's firsthand expertise in technology development and production would allow her to make meaningful contributions to FIFRA SAP regarding pesticide and pesticide-related issues. The inclusion of entomologists on FIFRA SAP is critical for providing a necessary perspective and thoughtful recommendations regarding insecticides, especially those which may be used where people live and work. Furthermore, Ms. Fuerst's leadership in industry provides her with a different perspective from entomologists who have primarily academic experience. This experience can add a more nuanced view on the impact of EPA actions to the everyday use of pesticides and the nature of industrial research. As invertebrates continue to impact the public welfare, it is critical that entomologists familiar with these concerns and their solutions, like Ms. Fuerst, play a continued role in advising pesticide policy. For example, Ms. Fuerst's extensive work on pesticide toxicology and physiology, in addition to her management experience, position her to provide valuable scientific advice, information, and recommendations to EPA as a member of the committee. Her breadth and depth of experience make her well-equipped to bring a highly relevant and far reaching skill set to FIFRA SAP.

ESA, the largest organization in the world serving the professional and scientific needs of nearly 7,000 entomologists and individuals in related disciplines, believes Ms. Fuerst's distinguished scientific career

and industrial acumen would make her an excellent addition to FIFRA SAP, and we encourage you to strongly consider her nomination.

Sincerely,

A handwritten signature in black ink, appearing to read "M. P. Parrella". The signature is fluid and cursive, with a long horizontal flourish at the end.

Michael Parrella, Ph.D.
Dean, College of Agricultural and Life Sciences, University of Idaho
2018 President, Entomological Society of America