

Congress of the United States
House of Representatives

COMMITTEE ON OVERSIGHT AND REFORM

2157 RAYBURN HOUSE OFFICE BUILDING

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MEMORANDUM

July 14, 2022

To: Members of the Subcommittee on Environment

Fr: Subcommittee Staff

Re: Hearing on “Regenerative Agriculture: How Farmers and Ranchers are Essential to Solving Climate Change and Increasing Food Production”

On **Tuesday, July 19, 2022, at 2:00 p.m. ET**, Rep. Ro Khanna, Chairman of the Subcommittee on Environment, will hold a hybrid hearing **in room 2154 of the Rayburn House Office Building and on the Zoom video platform.**

I. HEARING PURPOSE

The hearing will give Members an opportunity to examine regenerative agriculture and the role agriculture can play in preventing the worst of the climate crisis. Global food production must increase by at least 60% to meet the expected rise in Earth’s population by 2050. Global yields of maize and wheat, the world’s two most consumed crops, will decline significantly due to global warming in the coming decades.¹ As the magnitude and frequency of extreme weather events increase, the projected disruptions to food chains will threaten the stability of the United States’ food security.² Regenerative agriculture is a system of farming and ranching principles and practices that increases biodiversity, enriches the soil, and purifies watersheds, all while increasing in-farm fertility. Regenerative agricultural practices help to combat the climate crisis while increasing food production.

¹ United Nations, *The World’s Food Supply is Made Insecure by Climate Change* (online at www.un.org/en/academic-impact/worlds-food-supply-made-insecure-climate-change) (accessed Jun. 14, 2022).

² U.S. Global Change Research Program, *Fourth National Climate Assessment: Agriculture and Rural Communities* (Nov. 23, 2018) (online at <https://nca2018.globalchange.gov/chapter/10>).

II. WITNESSES

Bonnie Haugen

Owner
Springside Farm

Kara Boyd

President
Association of American Indian Farmers

Doug Doughty

Missouri Grain Farmer and Cattle Producer

Dr. Rachel E. Schattman

Assistant Professor of Sustainable Agriculture
University of Maine

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