

The Honorable Debbie Stabenow
Chairwoman
Senate Committee on Agriculture
731 Hart Senate Office Building
Washington, DC 20510

The Honorable John Boozman
Ranking Member
Senate Committee on Agriculture
555 Dirksen Senate Office Building
Washington, DC 20510

The Honorable Glenn Thompson
Chairman
House Committee on Agriculture
400 Cannon House Office Building
Washington, DC 20515

The Honorable David Scott
Ranking Member
House Committee on Agriculture
468 Cannon House Office Building
Washington, DC 20515

September 26, 2023

Dear Chairwoman Stabenow, Chairman Thompson, Ranking Member Boozman, and Ranking Member Scott,

We are writing to express our support for the *Advancing Research on Agricultural Climate Impacts (ARACI) Act* ([S.2241](#), [H.R. 5160](#)), a bipartisan, bicameral bill introduced by Senators Tina Smith (D-MN) and Todd Young (R-IN), and Representatives Eric Sorensen (D-IL-17) and Mike Lawler (R-NY-17). As organizations that strongly support scaling soil carbon measurement, monitoring, reporting and verification (MMRV) across the nation, we urge you to authorize the ARACI Act in the upcoming Farm Bill. The ARACI Act addresses vital research needs, establishes standardized methods for soil carbon measurement, and codifies a national Soil Carbon Inventory and Analysis Network to enable long-term and continuous soil carbon monitoring. These provisions are critical to further our understanding of how different management practices affect soil carbon sequestration across geographies, soil types, and operation types.

By implementing practices that sequester carbon, farmers and ranchers enhance the overall health of soils, build resilience to extreme weather, and improve agricultural productivity. However, current technology and tools cannot accurately measure soil carbon in a cost efficient and scalable way, hindering our ability to track changes in soil carbon stocks and reward farmers for their contributions to increasing carbon stocks. With strategic investments in innovative methodologies and tools for soil carbon MMRV, national monitoring networks, demonstration projects, and predictive modeling, we can actualize agriculture's potential to store

emitted carbon, empower farmers and ranchers to make informed land management decisions, and showcase their contributions to carbon sequestration.

The US Department of Agriculture (USDA) has recognized the importance of MMRV to activate agricultural lands as carbon sinks by outlining a federal strategy to establish a national soil carbon monitoring network. Now, it is critical that Congress codify these efforts in the Farm Bill to ensure continuity of this work and deliver the necessary long-term research and technical assistance to connect producers to practices that improve soil carbon outcomes.

We greatly appreciate your efforts and ongoing support for delivering innovative tools and resources to farmers and ranchers actively working to build healthier soils, increase soil carbon sequestration, and boost operational resilience. The undersigned organizations stand ready to work with you as the Farm Bill develops, and thank you very much for considering inclusion of the ARACI Act to protect investments in soil carbon sequestration and empower producers to make data-informed decisions.

Sincerely,

National Organizations

AGree Coalition

American Bird Conservancy

American Rivers

American Farmland Trust

Biochar Policy Project of the National Center for Appropriate Technology

Bipartisan Policy Center Action

Carbon180

Earthjustice

Environmental Defense Fund (EDF)

Environmental Working Group

Farm Journal Foundation

Harvest Sustainable and Regenerative Agriculture Initiative

Kiss the Ground

Land Core

National Sustainable Agriculture Coalition

Natural Resources Defense Council (NRDC)

National Wildlife Federation

National Young Farmers Coalition

Organic Farming Research Foundation

Regenerate America

Soil Health Institute

Spark Climate Solutions

Supporters of Agricultural Research (SoAR) Foundation

The Breakthrough Institute

Union of Concerned Scientists

Woodwell Climate Research Center

State and Regional Organizations

California Climate & Agriculture Network (CalCAN)

Climate Land Leaders

*Minnesota Farmers Union
Northern Plains Resource Council
Ohio Ecological Food and Farm Association
Pasa Sustainable Agriculture
Rural Voices Conservation Coalition
Synergistic Hawaii Agriculture Council*

Trade Organizations

*American Malting Barley Association
National Corn Growers Association
National Milk Producers Federation
North American Millers' Association*

Agricultural Operations

*Jakobs Bros Farms Inc.
Soul Fire Farm*

Professional Societies

*American Dairy Science Association
American Phytopathological Society
American Society of Plant Biologists
FASS*

Research and Academic Organizations

*Farm Bill Law Enterprise
Mycobacterial Diseases of Animals – Multistate Initiative
Southern Association of Agricultural Experiment Station Directors
University of Florida, Institute of Food and Agricultural Sciences
University of Illinois Urbana-Champaign, Consumer and Environmental Sciences
US Dairy Forage Research Center Stakeholder Committee*

Private Industry

*Activated Research Company
Andes
Carboniferous
Charm Industrial
Eion
Farmers Business Network
Incite.org
Indigo Ag
LI-COR
Living Carbon
nZero
Perennial Climate Inc.
Quantified Ventures
Regrow Ag
TerraCarbon
Travertine Technologies, Inc.
Yard Stick PBC*