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118TH CONGRESS
1ST SESSION

H. R. 3844

To amend the National Agricultural Research, Extension, and Teaching Policy Act of 1977 to provide for an additional goal of the Agriculture Advanced Research and Development Authority (AGARDA) to enhance the role of agriculture in innovative sustainability solutions.

IN THE HOUSE OF REPRESENTATIVES

JUNE 6, 2023

Mr. NEGUSE (for himself, Mr. FLOOD, Mr. BACON, Mr. GUEST, Mr. VASQUEZ, and Ms. BONAMICI) introduced the following bill; which was referred to the Committee on Agriculture

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A BILL

To amend the National Agricultural Research, Extension, and Teaching Policy Act of 1977 to provide for an additional goal of the Agriculture Advanced Research and Development Authority (AGARDA) to enhance the role of agriculture in innovative sustainability solutions.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE.

This Act may be cited as the ''Sustainable Agriculture Research Act''.

SEC. 2. ADDITIONAL GOAL OF AGARDA TO ENHANCE ROLE OF AGRICULTURE IN INNOVATIVE SUSTAINABILITY SOLUTIONS.

Section 1473H of the National Agricultural Research, Extension, and Teaching Policy Act of 1977 (7 U.S.C. 3319k) is amended—

(1) in subsection (a), by adding at the end the following:

''(8) PRECISION AGRICULTURE.—The term 'precision agriculture' means managing, tracking, or reducing crop or livestock production inputs (including seed, feed, fertilizer, chemicals, water, and time) at a heightened level of spatial and temporal granularity to improve efficiencies, reduce waste, and maintain environmental quality.''; and

(2) in subsection (b)(2)—

(A) in subparagraph (C), by striking ''and'' at the end;

(B) by redesignating subparagraph (D) as subparagraph (E); and

(C) by inserting after subparagraph (C) the following:

''(D) to enhance the role of sustainable agriculture (as defined in section 1404) in innovative voluntary resilience solutions in the United

States through the development of agricultural technologies that may address—

''(i) the impact of extreme weather on crop production;

''(ii) the effects of drought and the potential of building water holding capacity in soils on crop and rangelands;

''(iii) the expansion of the potential for long-term carbon storage through sustainable agriculture;

''(iv) increased economic and practical feasibility for renewable and sustainable energy, including conventional and advanced biofuels, on farms and in the agriculture industry;

''(v) increased voluntary adoption of conservation practices that sequester carbon and build on-farm climate resilience; and

''(vi) increased economic and practical feasibility for, and voluntary adoption of, precision agriculture technology; and''.

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