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(Original Signature of Member)

119TH CONGRESS
1ST SESSION

H. R. _____

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

Mr. NEGUSE introduced the following bill; which was referred to the Committee on _____

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.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Sustainable Agri-
5 culture Research Act”.

1 **SEC. 2. ADDITIONAL GOAL OF AGARDA TO ENHANCE ROLE**
2 **OF AGRICULTURE IN INNOVATIVE SUSTAIN-**
3 **ABILITY SOLUTIONS.**

4 Section 1473H of the National Agricultural Re-
5 search, Extension, and Teaching Policy Act of 1977 (7
6 U.S.C. 3319k) is amended—

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

9 “(8) **PRECISION AGRICULTURE.**—The term
10 ‘precision agriculture’ means managing, tracking, or
11 reducing crop or livestock production inputs (includ-
12 ing seed, feed, fertilizer, chemicals, water, and time)
13 at a heightened level of spatial and temporal granu-
14 larity to improve efficiencies, reduce waste, and
15 maintain environmental quality.”; and

16 (2) in subsection (b)(2)—

17 (A) in subparagraph (C), by striking
18 “and” at the end;

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

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

23 “(D) to enhance the role of sustainable ag-
24 riculture (as defined in section 1404) in innova-
25 tive voluntary resilience solutions in the United

1 States through the development of agricultural
2 technologies that may address—

3 “(i) the impact of extreme weather on
4 crop production;

5 “(ii) the effects of drought and the
6 potential of building water holding capacity
7 in soils on crop and rangelands;

8 “(iii) the expansion of the potential
9 for long-term carbon storage through sus-
10 tainable agriculture;

11 “(iv) increased economic and practical
12 feasibility for sustainable energy, including
13 conventional and advanced biofuels, on
14 farms and in the agriculture industry;

15 “(v) increased voluntary adoption of
16 conservation practices that sequester car-
17 bon and build on-farm climate resilience;
18 and

19 “(vi) increased economic and practical
20 feasibility for, and voluntary adoption of,
21 precision agriculture technology; and”.