

119TH CONGRESS
1ST SESSION

S. 1616

To amend the Consolidated Farm and Rural Development Act and the Food Security Act of 1985 to leverage incentives for the adoption of precision agriculture practices and technology, and for other purposes.

IN THE SENATE OF THE UNITED STATES

MAY 6, 2025

Mrs. FISCHER (for herself and Ms. KLOBUCHAR) introduced the following bill; which was read twice and referred to the Committee on Agriculture, Nutrition, and Forestry

A BILL

To amend the Consolidated Farm and Rural Development Act and the Food Security Act of 1985 to leverage incentives for the adoption of precision agriculture practices and technology, and for other purposes.

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 “Producing Responsible
5 Energy and Conservation Incentives and Solutions for the
6 Environment Act of 2025” or the “PRECISE Act of
7 2025”.

1 **SEC. 2. ASSISTANCE TO RURAL ENTITIES.**

2 Section 310B(a) of the Consolidated Farm and Rural
3 Development Act (7 U.S.C. 1932(a)) is amended—

4 (1) in paragraph (1)—

5 (A) by redesignating subparagraph (B) as
6 subparagraph (C); and

7 (B) by inserting after subparagraph (A)
8 the following:

9 “(B) PRECISION AGRICULTURE; PRECISION
10 AGRICULTURE TECHNOLOGY.—The terms ‘pre-
11 cision agriculture’ and ‘precision agriculture
12 technology’ have the meanings given those
13 terms in section 1201(a) of the Food Security
14 Act of 1985 (16 U.S.C. 3801(a)).”; and

15 (2) in paragraph (2)—

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

18 (B) in subparagraph (D)—

19 (i) by striking “to facilitate” and in-
20 serting “facilitating”; and

21 (ii) by striking the period at the end
22 and inserting “; and”; and

23 (C) by adding at the end the following:

24 “(E) expanding the adoption of precision
25 agriculture practices, including by financing the
26 acquisition of precision agriculture technology,

1 in order to promote best practices, reduce costs,
2 and improve the environment.”.

3 **SEC. 3. FOOD SECURITY ACT OF 1985 DEFINITIONS.**

4 Section 1201(a) of the Food Security Act of 1985
5 (16 U.S.C. 3801(a)) is amended—

6 (1) in each of paragraphs (1), (5), (6), (7),
7 (10), (11), (12), (13), (15), (20), (21), (22), (24),
8 (26), and (27), by inserting a paragraph heading,
9 the text of which comprises the term defined in that
10 paragraph;

11 (2) by redesignating paragraphs (20) through
12 (27) as paragraphs (22) through (29), respectively;
13 and

14 (3) by inserting after paragraph (19) the fol-
15 lowing:

16 “(20) **PRECISION AGRICULTURE.**—The term
17 ‘precision agriculture’ means managing, tracking, or
18 reducing any crop or livestock production input, in-
19 cluding seed, feed, fertilizer, chemicals, water, and
20 time, at a heightened level of spatial and temporal
21 granularity to improve efficiencies, reduce waste,
22 and maintain environmental quality.

23 “(21) **PRECISION AGRICULTURE TECH-**
24 **NOLOGY.**—The term ‘precision agriculture tech-
25 nology’ means any technology (including equipment

1 that is necessary for the deployment of such a tech-
2 nology) that directly contributes to a reduction in, or
3 improved efficiency of, an input used in crop or live-
4 stock production, including—

5 “(A) Global Positioning System-based or
6 geospatial mapping;

7 “(B) satellite or aerial imagery;

8 “(C) yield monitors;

9 “(D) soil mapping;

10 “(E) sensors for gathering data relating to
11 crop, soil, or livestock conditions;

12 “(F) Internet of Things and telematics
13 technologies;

14 “(G) data management software and ad-
15 vanced analytics;

16 “(H) network connectivity products and
17 solutions;

18 “(I) Global Positioning System guidance or
19 auto-steer systems;

20 “(J) variable rate technology for applying
21 inputs, such as section control; and

22 “(K) any other technology, as determined
23 by the Secretary, that leads to a reduction in,
24 or improves efficiency of, a crop or livestock

1 production input, which may include seed, feed,
2 fertilizer, chemicals, water, and time.”.

3 **SEC. 4. ENVIRONMENTAL QUALITY INCENTIVES PROGRAM.**

4 (a) DEFINITIONS.—Section 1240A(6)(B)(v) of the
5 Food Security Act of 1985 (16 U.S.C. 3839aa–
6 1(6)(B)(v)) is amended by inserting “(including the adop-
7 tion of precision agriculture practices and the acquisition
8 of precision agriculture technology)” after “planning”.

9 (b) PAYMENTS.—

10 (1) OTHER PAYMENTS.—Section 1240B(d)(6)
11 of the Food Security Act of 1985 (16 U.S.C.
12 3839aa–2(d)(6)) is amended—

13 (A) by striking “A producer shall” and in-
14 serting the following:

15 “(A) PAYMENTS UNDER THIS SUBTITLE.—
16 A producer shall”; and

17 (B) by adding at the end the following:

18 “(B) CONSERVATION LOAN AND LOAN
19 GUARANTEE PROGRAM PAYMENTS.—

20 “(i) IN GENERAL.—A producer receiv-
21 ing payments for practices on eligible land
22 under the program may also receive a loan
23 or loan guarantee under section 304 of the
24 Consolidated Farm and Rural Develop-

ment Act (7 U.S.C. 1924) to cover costs for the same practices on the same land.

“(ii) NOTICE TO PRODUCERS.—The Secretary shall inform a producer participating in the program, in writing, that the producer may apply to receive a loan or loan guarantee under section 304 of the Consolidated Farm and Rural Development Act (7 U.S.C. 1924) with respect to the costs of implementing practices under the program.”.

(2) INCREASED PAYMENTS FOR STATE-DETERMINED HIGH-PRIORITY PRACTICES.—Section 1240B(d)(7) of the Food Security Act of 1985 (16 U.S.C. 3839aa–2(d)(7)) is amended, in the paragraph heading, by inserting “STATE-DETERMINED” before “HIGH-PRIORITY”.

(3) INCREASED PAYMENTS FOR PRECISION AGRICULTURE.—Section 1240B(d) of the Food Security Act of 1985 (16 U.S.C. 3839aa–2(d)) is amended by adding at the end the following:

“(8) INCREASED PAYMENTS FOR PRECISION AGRICULTURE.—Notwithstanding paragraph (2), the Secretary may increase the amount that would otherwise be provided for a practice under this sub-

1 section to not more than 90 percent of the costs as-
 2 sociated with adopting precision agriculture practices
 3 and acquiring precision agriculture technology for
 4 the purpose of implementing a conservation prac-
 5 tice.”.

6 (c) CONSERVATION INCENTIVE CONTRACTS.—Sec-
 7 tion 1240B(j)(2)(A)(i) of the Food Security Act of 1985
 8 (16 U.S.C. 3839aa–2(j)(2)(A)(i)) is amended by inserting
 9 “(which may include the adoption of precision agriculture
 10 practices and the acquisition of precision agriculture tech-
 11 nology)” after “incentive practices”.

12 **SEC. 5. CONSERVATION STEWARDSHIP PROGRAM SUPPLE-**
 13 **MENTAL PAYMENTS.**

14 (a) CONSERVATION STEWARDSHIP PAYMENTS.—Sec-
 15 tion 1240L(c) of the Food Security Act of 1985 (16
 16 U.S.C. 3839aa–24(c)) is amended by striking paragraph
 17 (3) and inserting the following:

18 “(3) EXCLUSION.—A payment to a producer
 19 under this subsection shall not be provided for any
 20 conservation activities for which there is no cost in-
 21 curred or income forgone by the producer.”.

22 (b) SUPPLEMENTAL PAYMENTS FOR RESOURCE-
 23 CONSERVING CROP ROTATIONS AND ADVANCED GRAZING
 24 MANAGEMENT.—Section 1240L(d) of the Food Security
 25 Act of 1985 (16 U.S.C. 3839aa–24(d)) is amended—

1 (1) in the subsection heading, by striking “AND
 2 ADVANCED GRAZING MANAGEMENT” and inserting
 3 “, ADVANCED GRAZING MANAGEMENT, AND PRECI-
 4 SION AGRICULTURE”;

5 (2) in paragraph (2)—

6 (A) in subparagraph (A), by striking “or”
 7 at the end;

8 (B) in subparagraph (B), by striking the
 9 period at the end and inserting “; or”; and

10 (C) by adding at the end the following:

11 “(C) precision agriculture.”; and

12 (3) in paragraph (3), by striking “or advanced
 13 grazing management” and inserting “, advanced
 14 grazing management, or precision agriculture con-
 15 servation activities”.

16 **SEC. 6. DELIVERY OF TECHNICAL ASSISTANCE.**

17 Section 1242(f) of the Food Security Act of 1985 (16
 18 U.S.C. 3842(f)) is amended by adding at the end the fol-
 19 lowing:

20 “(6) SOIL HEALTH PLANNING.—The Secretary
 21 shall emphasize the use of third-party providers in
 22 providing technical assistance for soil health plan-
 23 ning, including planning relating to the use of cover
 24 crops, precision agriculture practices, comprehensive

- 1 nutrient management planning, and other innovative
- 2 plans.”.

