

119TH CONGRESS
1ST SESSION

H. R. 6143

To leverage incentives for the adoption of precision agriculture technology,
and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

NOVEMBER 19, 2025

Mrs. HINSON (for herself, Mr. PANETTA, Mr. FINSTAD, and Mr. GRAY) introduced the following bill; which was referred to the Committee on Agriculture

A BILL

To leverage incentives for the adoption of precision
agriculture 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” or the “PRECISE Act”.

7 **SEC. 2. CONSERVATION LOAN AND LOAN GUARANTEE PRO-**
8 **GRAM.**

9 Section 304 of the Consolidated Farm and Rural De-
10 velopment Act (7 U.S.C. 1924) is amended—

1 (1) in subsection (b)—

2 (A) in paragraph (3), by redesignating
3 subparagraphs (F) and (G) as subparagraphs
4 (G) and (H), respectively, and inserting after
5 subparagraph (E) the following:

6 “(F) the adoption of precision agriculture
7 practices, and the acquisition of precision agri-
8 culture technology;”; and

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

10 “(4) PRECISION AGRICULTURE; PRECISION AG-
11 RICULTURE TECHNOLOGY.—The terms ‘precision ag-
12 riculture’ and ‘precision agriculture technology’ have
13 the meanings given those terms in section 1201 of
14 the Food Security Act of 1985.”; and

15 (2) in subsection (d)—

16 (A) in paragraph (2), by striking “and”;

17 (B) in paragraph (3), by striking the pe-
18 riod and inserting “; and”; and

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

20 “(4) producers who use the loans to adopt pre-
21 cision agriculture practices or acquire precision agri-
22 culture technology, including adoption or acquisition
23 for the purpose of participating in the environmental
24 quality incentives program under subchapter A of

1 chapter 4 of subtitle D of title XII of the Food Se-
2 curity Act of 1985.”.

3 **SEC. 3. ASSISTANCE TO RURAL ENTITIES.**

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

6 (1) in paragraph (1), by adding at the end the
7 following:

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

14 (2) in paragraph (2)—

15 (A) by striking “and” at the end of sub-
16 paragraph (C);

17 (B) by striking the period at the end of
18 subparagraph (D) and inserting “; and”; and

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

20 “(E) expanding the adoption of precision
21 agriculture practices, including by financing the
22 acquisition of precision agriculture technology,
23 in order to promote best practices, reduce costs,
24 and improve the environment.”.

1 **SEC. 4. FOOD SECURITY ACT OF 1985 DEFINITIONS.**

2 Section 1201(a) of the Food Security Act of 1985
3 (16 U.S.C. 3801(a)) is amended—

4 (1) by redesignating paragraphs (20) through
5 (27) as paragraphs (22) through (29), respectively;
6 and

7 (2) by inserting after paragraph (19) the fol-
8 lowing:

9 “(20) **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.

16 “(21) **PRECISION AGRICULTURE TECH-**
17 **NOLOGY.**—The term ‘precision agriculture tech-
18 nology’ means any technology (including equipment
19 that is necessary for the deployment of such tech-
20 nology) that directly contributes to a reduction in, or
21 improved efficiency of, inputs used in crop or live-
22 stock production, including—

23 “(A) Global Positioning System-based or
24 geospatial mapping technology;

25 “(B) satellite or aerial imagery technology;

26 “(C) yield monitors;

1 “(D) soil mapping technology;

2 “(E) sensors for gathering data on crop,
3 soil, or livestock conditions;

4 “(F) Internet of Things and telematics
5 technologies;

6 “(G) data management software and ad-
7 vanced analytics;

8 “(H) network connectivity products and
9 solutions;

10 “(I) Global Positioning System guidance or
11 auto-steer systems;

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

14 “(K) any other technology, as determined
15 by the Secretary, that directly contributes to a
16 reduction in, or improved efficiency of, crop or
17 livestock production inputs, which may include
18 seed, feed, fertilizer, chemicals, water, and
19 time.”.

20 **SEC. 5. ENVIRONMENTAL QUALITY INCENTIVES PROGRAM.**

21 (a) DEFINITIONS.—Section 1240A(6)(B)(v) of the
22 Food Security Act of 1985 (16 U.S.C. 3839aa–
23 1(6)(B)(v)) is amended by inserting “(including the adop-
24 tion of precision agriculture practices and the acquisition
25 of precision agriculture technology)” after “planning”.

1 (b) PAYMENTS.—

2 (1) OTHER PAYMENTS.—Section 1240B(d)(6)
3 of the Food Security Act of 1985 (16 U.S.C.
4 3839aa-2(d)(6)) is amended—

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

7 “(A) PAYMENTS UNDER THIS SUBTITLE.—
8 A producer shall”; and

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

10 “(B) CONSERVATION LOAN AND LOAN
11 GUARANTEE PROGRAM PAYMENTS.—

12 “(i) IN GENERAL.—A producer receiv-
13 ing payments for practices on eligible land
14 under the program may also receive a loan
15 or loan guarantee under section 304 of the
16 Consolidated Farm and Rural Develop-
17 ment Act to cover costs for the same prac-
18 tices on the same land.

19 “(ii) NOTICE TO PRODUCER.—The
20 Secretary shall inform a producer partici-
21 pating in the program in writing that such
22 producer may apply for a loan or loan
23 guarantee under section 304 of the Con-
24 solidated Farm and Rural Development

1 Act as it relates to costs of implementing
2 practices under this program.”.

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

8 (3) INCREASED PAYMENTS FOR PRECISION AG-
9 RICULTURE.—Section 1240B(d) of the Food Secu-
10 rity Act of 1985 (16 U.S.C. 3839aa–2(d)) is amend-
11 ed by adding at the end the following:

12 “(8) INCREASED PAYMENTS FOR PRECISION AG-
13 RICULTURE.—Notwithstanding paragraph (2), the
14 Secretary may increase the amount that would oth-
15 erwise be provided for a practice under this sub-
16 section to not more than 90 percent of the costs as-
17 sociated with adopting precision agriculture practices
18 and acquiring precision agriculture technology for
19 the purpose of implementing conservation prac-
20 tices.”.

21 (c) CONSERVATION INCENTIVE CONTRACTS.—Sec-
22 tion 1240B(j)(2)(A)(i) of the Food Security Act of 1985
23 (16 U.S.C. 3839aa–2(j)(3)(A)(i)) is amended by inserting
24 “(which may include the adoption of precision agriculture

1 practices and the acquisition of precision agriculture tech-
2 nology)” after “incentive practices”.

3 **SEC. 6. CONSERVATION STEWARDSHIP PROGRAM.**

4 Section 1240L(d) of the Food Security Act of 1985
5 (16 U.S.C. 3839aa–24(d)) is amended—

6 (1) in the subsection heading, by striking “AND
7 ADVANCED GRAZING MANAGEMENT” and inserting
8 “, ADVANCED GRAZING MANAGEMENT, AND PRECI-
9 SION AGRICULTURE”;

10 (2) in paragraph (2)—

11 (A) in subparagraph (A), by striking “;
12 or” and inserting a semicolon;

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

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

16 “(C) precision agriculture conservation ac-
17 tivities.”; and

18 (3) in paragraph (3), by striking “or advanced
19 grazing management” and inserting “, advanced
20 grazing management, or precision agriculture con-
21 servation activities”.

22 **SEC. 7. DELIVERY OF TECHNICAL ASSISTANCE.**

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

1 “(6) SOIL HEALTH PLANNING.—The Secretary
2 shall emphasize the use of third-party providers in
3 providing technical assistance for soil health plan-
4 ning, including planning related to the use of cover
5 crops, precision agriculture practices, comprehensive
6 nutrient management planning, and other innovative
7 plans.”.

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