

[~118H1459]

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(Original Signature of Member)

119TH CONGRESS
1ST SESSION

H. R. _____

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

IN THE HOUSE OF REPRESENTATIVES

Mrs. HINSON introduced the following bill; which was referred to the
Committee on _____

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”.

1 **SEC. 2. CONSERVATION LOAN AND LOAN GUARANTEE PRO-**
2 **GRAM.**

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

5 (1) in subsection (b)—

6 (A) in paragraph (3), by redesignating
7 subparagraphs (F) and (G) as subparagraphs
8 (G) and (H), respectively, and inserting after
9 subparagraph (E) the following:

10 “(F) the adoption of precision agriculture
11 practices, and the acquisition of precision agri-
12 culture technology;”; and

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

14 “(4) PRECISION AGRICULTURE; PRECISION AG-
15 RICULTURE TECHNOLOGY.—The terms ‘precision agri-
16 culture’ and ‘precision agriculture technology’ have
17 the meanings given those terms in section 1201 of
18 the Food Security Act of 1985.”; and

19 (2) in subsection (d)—

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

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

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

24 “(4) producers who use the loans to adopt pre-
25 cision agriculture practices or acquire precision agri-
26 culture technology, including adoption or acquisition

1 for the purpose of participating in the environmental
2 quality incentives program under subchapter A of
3 chapter 4 of subtitle D of title XII of the Food Se-
4 curity Act of 1985.”.

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

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

8 (1) in paragraph (1), by adding at the end the
9 following:

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

16 (2) in paragraph (2)—

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

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

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

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

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

3 **SEC. 4. 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) by redesignating paragraphs (20) through
7 (27) as paragraphs (22) through (29), respectively;
8 and

9 (2) by inserting after paragraph (19) the fol-
10 lowing:

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

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

- 1 “(A) Global Positioning System-based or
2 geospatial mapping technology;
3 “(B) satellite or aerial imagery technology;
4 “(C) yield monitors;
5 “(D) soil mapping technology;
6 “(E) sensors for gathering data on crop,
7 soil, or livestock conditions;
8 “(F) Internet of Things and telematics
9 technologies;
10 “(G) data management software and ad-
11 vanced analytics;
12 “(H) network connectivity products and
13 solutions;
14 “(I) Global Positioning System guidance or
15 auto-steer systems;
16 “(J) variable rate technology for applying
17 inputs, such as section control; and
18 “(K) any other technology, as determined
19 by the Secretary, that directly contributes to a
20 reduction in, or improved efficiency of, crop or
21 livestock production inputs, which may include
22 seed, feed, fertilizer, chemicals, water, and
23 time.”.

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

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

7 (b) PAYMENTS.—

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

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

13 “(A) PAYMENTS UNDER THIS SUBTITLE.—
14 A producer shall”; and

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

16 “(B) CONSERVATION LOAN AND LOAN
17 GUARANTEE PROGRAM PAYMENTS.—

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

25 “(ii) NOTICE TO PRODUCER.—The
26 Secretary shall inform a producer partici-

1 pating in the program in writing that such
2 producer may apply for a loan or loan
3 guarantee under section 304 of the Con-
4 solidated Farm and Rural Development
5 Act as it relates to costs of implementing
6 practices under this program.”.

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

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

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

1 (c) CONSERVATION INCENTIVE CONTRACTS.—Sec-
2 tion 1240B(j)(2)(A)(i) of the Food Security Act of 1985
3 (16 U.S.C. 3839aa–2(j)(3)(A)(i)) is amended by inserting
4 “(which may include the adoption of precision agriculture
5 practices and the acquisition of precision agriculture tech-
6 nology)” after “incentive practices”.

7 **SEC. 6. CONSERVATION STEWARDSHIP PROGRAM.**

8 Section 1240L(d) of the Food Security Act of 1985
9 (16 U.S.C. 3839aa–24(d)) is amended—

10 (1) in the subsection heading, by striking “AND
11 ADVANCED GRAZING MANAGEMENT” and inserting
12 “, ADVANCED GRAZING MANAGEMENT, AND PRECI-
13 SION AGRICULTURE”;

14 (2) in paragraph (2)—

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

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

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

20 “(C) precision agriculture conservation ac-
21 tivities.”; and

22 (3) in paragraph (3), by striking “or advanced
23 grazing management” and inserting “, advanced
24 grazing management, or precision agriculture con-
25 servation activities”.

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

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

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