

AMENDMENT TO H.R. 8467 OFFERED BY MS. CROCKETT OF TEXAS

Supports the increased usage of enteric methane reduction technologies, equivalent to S. 4056.

AMENDMENT TO H.R. 8467

**[PAGE AND LINE NUMBERS REFER TO THE DRAFT
OF FARM, FOOD, AND NATIONAL SECURITY
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Add at the end of subtitle E of title II the following:

1 **SEC. 2409. ENTERIC METHANE EMISSION REDUCTIONS.**

2 (a) IN GENERAL.—The Secretary, acting through the
3 Administrator of the Agricultural Research Service,
4 shall—

5 (1) establish and operate laboratory and testing
6 facilities to conduct studies to enhance the under-
7 standing of baseline enteric methane emissions and
8 the safety and efficacy of enteric methane-mitigating
9 products and practices;

10 (2) develop the ongoing capacity of personnel of
11 the Agricultural Research Service with expertise in
12 conducting the studies described in paragraph (1);
13 and

14 (3) regularly assess—

15 (A) baseline enteric methane emissions;

1 (B) the impacts of enteric methane produc-
2 tion on animal productivity and animal health
3 and welfare; and

4 (C) the impacts of enteric methane-miti-
5 gating products and practices on greenhouse
6 gas emissions, animal productivity, and animal
7 health and welfare.

8 (b) ACTIVITIES.—The Secretary, acting through the
9 Administrator of the Agricultural Research Service, may
10 use amounts made available to carry out this section, in
11 accordance with subsection (a)—

12 (1) to construct federally owned testing facili-
13 ties;

14 (2) to purchase assessment technologies;

15 (3) to retrofit or renovate existing facilities; and

16 (4) to contract with independent or academic
17 facilities to conduct research.

18 (c) TRAINING PROGRAMS FOR ENTERIC METHANE
19 LIVESTOCK EMISSIONS.—Title IV of the Agricultural Re-
20 search, Extension, and Education Reform Act of 1998 is
21 amended by inserting before section 405 (7 U.S.C. 7624)
22 (as amended by section 7301 of this Act) the following:

1 **“SEC. 401. TRAINING PROGRAMS FOR ENTERIC METHANE**
2 **LIVESTOCK EMISSIONS.**

3 “(a) IN GENERAL.—The Secretary shall establish or
4 expand at eligible institutions training programs relating
5 to, with respect to enteric methane emissions from live-
6 stock—

7 “(1) livestock management and nutrition;

8 “(2) greenhouse gas monitoring, verification,
9 and reporting technologies;

10 “(3) testing skills and capacity;

11 “(4) innovation; and

12 “(5) livestock health and welfare.

13 “(b) ELIGIBLE INSTITUTIONS.—

14 “(1) IN GENERAL.—An institution eligible for a
15 training program under this section is an 1862 In-
16 stitution, an 1890 Institution, or a 1994 Institution.

17 “(2) REQUIREMENT.—The Secretary shall es-
18 tablish or expand a training program under this sec-
19 tion at not less than one 1862 Institution, not less
20 than one 1890 Institution, and not less than one
21 1994 Institution.”.

22 (d) CONFORMING AMENDMENTS.—

23 (1) EQIP DEFINITIONS.—Section 1240A of the
24 Food Security Act of 1985 (16 U.S.C. 3839aa-1) is
25 further amended—

26 (A) in paragraph (3)—

1 (i) by inserting “management” after
2 “means a”; and

3 (ii) by inserting “land or livestock
4 management” after “set of”; and

5 (B) in paragraph (6)(A)(ii), by inserting
6 “or livestock” after “land”.

7 (2) EQIP PAYMENTS.—Section 1240B(d)(3)(E)
8 of the Food Security Act of 1985 (16 U.S.C.
9 3839aa-2(d)(3)(E)) is amended by inserting “, in-
10 cluding greenhouse gas emission reductions” before
11 the semicolon.

12 (3) ON-FARM CONSERVATION INNOVATION
13 TRIALS.—Section 1240H(c) of the Food Security
14 Act of 1985 (16 U.S.C. 3839aa-8(c)) is further
15 amended by adding at the end the following:

16 “(8) ENTERIC METHANE EMISSIONS STUD-
17 IES.—

18 “(A) IN GENERAL.—Not later than 2 years
19 after the date of enactment of this paragraph,
20 the Secretary shall carry out one or more stud-
21 ies on changes in methane emissions and, if fea-
22 sible, economic outcomes, generated as a result
23 of livestock-related practices that reduce green-
24 house gas emissions, including enteric methane
25 emissions.

1 “(B) REPORTS.—Not later than 2 years
2 after the date of enactment of this paragraph
3 and annually thereafter, the Secretary shall
4 submit to the Committee on Agriculture, Nutri-
5 tion, and Forestry of the Senate and the Com-
6 mittee on Agriculture of the House of Rep-
7 resentatives a report on the progress and re-
8 sults of the studies under subparagraph (A).”.

9 (4) CSP DEFINITIONS.—Section 1240I(2)(B)(i)
10 of the Food Security Act of 1985 (16 U.S.C.
11 3839aa–21(2)(B)(i)) is amended by inserting “live-
12 stock or” after “measures, and”.

13 (5) CSP SUPPLEMENTAL PAYMENTS.—Section
14 1240L(d)(1) of the Food Security Act of 1985 (16
15 U.S.C. 3839aa–24(d)(1)) is amended—

16 (A) by redesignating subparagraphs (B)
17 and (C) as subparagraphs (C) and (D), respec-
18 tively; and

19 (B) by inserting after subparagraph (A)
20 the following:

21 “(B) LIVESTOCK FEED MANAGEMENT.—
22 The term ‘livestock feed management’ means
23 providing livestock with forage and feed that—
24 “(i) manipulates and controls the
25 quantity and quality of available nutrients,

1 feedstuffs, ingredients, or additives fed to
2 livestock;

3 “(ii) minimizes excess nutrients in
4 surface water and ground water by reduc-
5 ing the quantity of nitrogen, phosphorus,
6 sulfur, salts, or other nutrients excreted in
7 manure; or

8 “(iii) reduces emissions of ammonia,
9 odors, greenhouse gases, volatile organic
10 components, or dust from animal feeding
11 operations.”.

Page 115, strike lines 7 and 8 and insert the fol-
lowing:

12 (ii) in clause (iv), by striking the pe-
13 riod at the end and inserting a semicolon;
14 and

Page 115, line 14, strike the two periods and the
closed quotation mark at the end and insert “; or”.

Page 115, after line 14, insert the following:

15 “(vi) provides reduction of greenhouse
16 gas emissions, including enteric methane
17 emissions from livestock.”.

Page 119, strike lines 16 through 25 and insert the following:

- 1 (A) in subclause (VI), by striking “and” at
- 2 the end;
- 3 (B) in subclause (VII), by striking “and”
- 4 at the end; and
- 5 (C) by inserting after subclause (VII) the
- 6 following:
 - 7 “(VIII) perennial production sys-
 - 8 tems, including agroforestry and pe-
 - 9 rennial forages and grain crops; and
 - 10 “(IX) livestock-related practices
 - 11 that reduce greenhouse gas emissions,
 - 12 including enteric methane emissions;
 - 13 and”.

Page 121, line 20, insert “LIVESTOCK FEED MANAGEMENT,” after “GRAZING MANAGEMENT,”.

Page 121, line 26, strike “and inserting ‘; or’” and insert “and inserting a semicolon at the end”.

Page 122, strike lines 2 and 3 and insert the following:

- 14 “(C) livestock feed management; or
- 15 “(D) precision agriculture conservation ac-
- 16 tivities.”; and

Page 122, beginning on line 5, strike “and inserting” and all that follows through “activities” on line 7 and insert “and inserting ‘, advanced grazing management, livestock feed management, or precision agriculture conservation activities’”.

Page 164, line 16, strike the closed quotation mark and the final period at the end and insert the following:

1 “(7) ENTERIC METHANE EMISSIONS.—Not later
2 than 180 days after the date of enactment of this
3 paragraph, the Secretary shall—

4 “(A) complete a review of conservation
5 practice standards in effect on the day before
6 the date of enactment of this paragraph to con-
7 sider any revisions to conservation practice
8 standards, including for feed management, or
9 new conservation practice standards that would
10 be appropriate to assist in reducing enteric
11 methane emissions;

12 “(B) revise appropriate conservation prac-
13 tice standards in effect on the day before the
14 date of enactment of this paragraph as nec-
15 essary to assist in reducing enteric methane
16 emissions; and

1 “(C) establish any appropriate new con-
2 servation practice standards to assist in reduc-
3 ing enteric methane emissions.”.

