

AMENDMENT NO. _____ Calendar No. _____

Purpose: To provide for a farm animal agriculture integrated research initiative.

IN THE SENATE OF THE UNITED STATES—113th Cong., 1st Sess.

S. 10

To reauthorize agricultural programs through 2018.

Referred to the Committee on _____ and
ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by Mr. CHAMBLISS

Viz:

1 In section 1672 of the Food, Agriculture, Conserva-
2 tion, and Trade Act of 1990 (7 U.S.C. 5925) (as amended
3 by section 7208(5)), after subsection (h) (relating to train-
4 ing coordination for food and agriculture protection), add
5 the following:

6 “(i) FARM ANIMAL AGRICULTURE INTEGRATED RE-
7 SEARCH INITIATIVE.—

8 “(1) DEFINITION OF INITIATIVE.—In this sub-
9 section, the term ‘Initiative’ means the farm animal
10 integrated research initiative established under para-
11 graph (2).

12 “(2) ESTABLISHMENT.—Notwithstanding any
13 other provision of law, during the period beginning

1 on the date of enactment of the Agriculture Reform,
2 Food, and Jobs Act of 2013 and ending on Sep-
3 tember 30, 2018, the Secretary shall carry out a
4 farm animal integrated research initiative to address
5 the critical needs of animal agriculture, by devel-
6 oping and disseminating science-based tools and in-
7 formation, including—

8 “(A) research to promote food security,
9 such as—

10 “(i) improving feed efficiency;

11 “(ii) improving energetic efficiency;

12 “(iii) connecting genomics,
13 proteomics, metabolomics, and related phe-
14 nomena to animal production;

15 “(iv) improving reproductive effi-
16 ciency; and

17 “(v) enhancing pre- and post-harvest
18 food safety systems;

19 “(B) research on the interrelationship be-
20 tween animal and human health, such as—

21 “(i) exploring new approaches for vac-
22 cine development;

23 “(ii) understanding and controlling
24 zoonoses, including the impact of zoonoses
25 on food safety;

1 “(iii) improving animal health through
2 feed; and

3 “(iv) enhancing product quality and
4 nutritive value; and

5 “(C) research on stewardship, such as—

6 “(i) minimizing or reducing the flow
7 of nutrients from animal production sys-
8 tems;

9 “(ii) improving sustainability and in-
10 creasing efficiency of natural resource use;
11 and

12 “(iii) better understanding animal
13 production systems and the interactions
14 between animals, plants, and human man-
15 agement.

16 “(3) ELIGIBLE ENTITIES.—The Secretary may
17 carry out the Initiative through—

18 “(A) Federal agencies, including the Agri-
19 cultural Research Service and the National In-
20 stitute of Food and Agriculture;

21 “(B) National Laboratories;

22 “(C) institutions of higher education;

23 “(D) research institutions or organizations;

24 “(E) private organizations or corporations;

1 “(F) State agricultural experiment sta-
2 tions;

3 “(G) individuals; and

4 “(H) groups consisting of 2 or more enti-
5 ties or individuals described in subparagraphs
6 (A) through (G).

7 “(4) RESEARCH PROJECT GRANTS.—

8 “(A) IN GENERAL.—In carrying out this
9 subsection, the Secretary shall award grants on
10 a competitive basis in accordance with subpara-
11 graphs (B) and (C).

12 “(B) PROCESS FOR AWARDING GRANTS.—

13 The Secretary shall—

14 “(i) seek and accept proposals for
15 grants;

16 “(ii) determine the relevance and
17 merit of proposals through a system of
18 peer review, in consultation with the ani-
19 mal agriculture industry; and

20 “(iii) award grants on the basis of
21 merit, quality, and relevance.

22 “(C) PRIORITIES.—In making grants
23 under this subsection, the Secretary shall give
24 priority to projects that—

1 “(i) are multistate, multiinstitutional,
2 and multidisciplinary; and

3 “(ii) include explicit mechanisms to
4 communicate results to the animal agri-
5 culture industry and the public.

6 “(5) AUTHORIZATION OF APPROPRIATIONS.—
7 There is authorized to be appropriated to carry out
8 this subsection \$50,000,000 for each of fiscal years
9 2014 through 2018.”;