

118TH CONGRESS
1ST SESSION

S. 2316

To amend the Food, Agriculture, Conservation, and Trade Act of 1990 to establish research and extension grant priorities, and for other purposes.

IN THE SENATE OF THE UNITED STATES

JULY 13, 2023

Mr. RUBIO (for himself, Mr. OSSOFF, and Mr. WARNOCK) introduced the following bill; which was read twice and referred to the Committee on Agriculture, Nutrition, and Forestry

A BILL

To amend the Food, Agriculture, Conservation, and Trade Act of 1990 to establish research and extension grant priorities, 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 “Land Grant Research
5 Prioritization Act of 2023”.

6 **SEC. 2. RESEARCH AND EXTENSION PRIORITIES.**

7 Section 1672(d) of the Food, Agriculture, Conserva-
8 tion, and Trade Act of 1990 (7 U.S.C. 5925(d)) is amend-
9 ed by adding at the end the following:

1 “(21) ADVANCED MECHANIZED HARVESTER
2 TECHNOLOGIES RESEARCH AND EXTENSION.—

3 “(A) IN GENERAL.—Research and exten-
4 sion grants may be made under this section for
5 the purpose of developing and evaluating tech-
6 nologies to mechanize agricultural processes.

7 “(B) EMPHASIS.—In awarding grants
8 under subparagraph (A), the Secretary may
9 place emphasis on mechanizing the process for
10 harvesting specialty crops.

11 “(22) AGRICULTURAL APPLICATION OF ARTIFI-
12 CIAL INTELLIGENCE RESEARCH AND EXTENSION.—

13 “(A) IN GENERAL.—Research and exten-
14 sion grants may be made under this section for
15 the purpose of developing and evaluating agri-
16 cultural uses of artificial intelligence.

17 “(B) EMPHASIS.—In awarding grants
18 under subparagraph (A), the Secretary may
19 place emphasis on uses of artificial intelligence
20 that improve specialty crop production.

21 “(23) INVASIVE SPECIES RESEARCH AND EX-
22 TENSION.—Research and extension grants may be
23 made under this section for the purpose of sup-
24 porting research projects at land-grant colleges and
25 universities (as defined in section 1404 of the Na-

1 tional Agricultural Research, Extension, and Teach-
2 ing Policy Act of 1977 (7 U.S.C. 3103)) to develop
3 and apply methods to manage and eradicate invasive
4 species of plants and animals, including through
5 methods of biocontrol.

6 “(24) AQUACULTURE RESEARCH AND EXTEN-
7 SION.—Research and extension grants may be made
8 under this section for the purpose of supporting re-
9 search projects at land-grant colleges and univer-
10 sities (as defined in section 1404 of the National Ag-
11 ricultural Research, Extension, and Teaching Policy
12 Act of 1977 (7 U.S.C. 3103)) to develop and apply
13 aquaculture methods, including through the propa-
14 gation and rearing of economically and ecologically
15 valuable aquatic and marine species.”.

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