

119TH CONGRESS  
1ST SESSION

**S.** \_\_\_\_\_

To amend the Agricultural Research, Extension, and Education Reform Act of 1998 and the Food, Agriculture, Conservation, and Trade Act of 1990 to direct the Agricultural Research Service to expand organic research, and for other purposes.

---

IN THE SENATE OF THE UNITED STATES

---

Mr. FETTERMAN introduced the following bill; which was read twice and referred to the Committee on \_\_\_\_\_

---

**A BILL**

To amend the Agricultural Research, Extension, and Education Reform Act of 1998 and the Food, Agriculture, Conservation, and Trade Act of 1990 to direct the Agricultural Research Service to expand organic research, 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 “Organic Science and  
5 Research Investment Act of 2025”.

1 **SEC. 2. COORDINATING AND EXPANDING ORGANIC RE-**  
2 **SEARCH INITIATIVE.**

3 Title IV of the Agricultural Research, Extension, and  
4 Education Reform Act of 1998 is amended by inserting  
5 before section 404 (7 U.S.C. 7624) the following:

6 **“SEC. 401. COORDINATING AND EXPANDING ORGANIC RE-**  
7 **SEARCH INITIATIVE.**

8 “(a) DEFINITIONS.—In this section:

9 “(1) INITIATIVE.—The term ‘Initiative’ means  
10 the Coordinating and Expanding Organic Research  
11 Initiative established under subsection (b).

12 “(2) SECRETARY.—The term ‘Secretary’ means  
13 the Secretary, acting through the Under Secretary  
14 for Research, Education, and Economics, in con-  
15 sultation with the Office of the Chief Scientist.

16 “(b) ESTABLISHMENT.—The Secretary shall estab-  
17 lish, and appoint the members of, an initiative, to be  
18 known as the ‘Coordinating and Expanding Organic Re-  
19 search Initiative’, to coordinate and expand the resources  
20 that the Agricultural Research Service, the National Insti-  
21 tute of Food and Agriculture, the Economic Research  
22 Service, and the National Agricultural Statistics Service  
23 dedicate to organic agricultural research.

24 “(c) DUTIES.—The Initiative shall carry out the fol-  
25 lowing duties:

1           “(1) Coordinating all research conducted by the  
2           Secretary that is applicable to organic agricultural  
3           producers and transitioning-to-organic agricultural  
4           producers.

5           “(2) Reviewing and assessing the completed  
6           and ongoing organic and transitioning-to-organic ag-  
7           ricultural research of the Secretary.

8           “(3) Developing iterative strategic plans for fu-  
9           ture organic and transitioning-to-organic agricul-  
10          tural research of the Secretary.

11          “(4) Conducting the surveys and submitting to  
12          the Secretary the reports under subsection (e)(1).

13          “(d) APPOINTMENT OF MEMBERS.—

14                 “(1) IN GENERAL.—The Secretary shall appoint  
15                 not fewer than 12, and not more than 18, members  
16                 to the Initiative.

17                 “(2) ELIGIBILITY.—To be eligible for appoint-  
18                 ment to the Initiative under paragraph (1), an indi-  
19                 vidual shall—

20                         “(A) be in the competitive service or the  
21                         Senior Executive Service (as defined in sections  
22                         2102 and 2101a of title 5, United States Code);  
23                         and

1           “(B) have expertise in organic agriculture  
2           from a science, research, or technical assistance  
3           division of a Department agency.

4           “(3) REPRESENTATION.—In appointing mem-  
5           bers to the Initiative, the Secretary shall ensure  
6           that—

7                   “(A) not fewer than  $\frac{1}{4}$  of the members are  
8           appointed from each of—

9                           “(i) the Agricultural Research Service;  
10                           and

11                           “(ii) the National Institute of Food  
12                           and Agriculture; and

13                   “(B) not fewer than 1 member is ap-  
14           pointed from each of—

15                           “(i) the Office of the Chief Scientist;

16                           “(ii) the National Organic Program of  
17                           the Agricultural Marketing Service;

18                           “(iii) the Economic Research Service;

19                           and

20                           “(iv) the National Agricultural Statis-  
21                           tics Service.

22           “(4) CHAIR.—The Secretary shall designate a  
23           member of the Initiative appointed from the Office  
24           of the Chief Scientist to serve as the Chair of the  
25           Initiative.

1 “(5) TERM.—A member of the Initiative—

2 “(A) shall serve for a term of 5 years; and

3 “(B) may be reappointed to the Initiative.

4 “(e) SURVEYS; REPORTS.—

5 “(1) IN GENERAL.—Not later than 3 years  
6 after the establishment of the Initiative, and every 5  
7 years thereafter, in coordination with the roadmap  
8 for agricultural research, education, and extension  
9 described in section 7504 of the Food, Conservation,  
10 and Energy Act of 2008 (7 U.S.C. 7614a), the Ini-  
11 tiative shall—

12 “(A) conduct a survey of all research relat-  
13 ing to organic agriculture of the Secretary; and

14 “(B) submit to the Secretary a report con-  
15 taining the findings of the survey conducted  
16 under subparagraph (A), which shall include  
17 sections relating to each of the 4 agencies de-  
18 scribed in subsection (b).

19 “(2) RECOMMENDATIONS.—The Initiative shall  
20 include in each report submitted under paragraph  
21 (1)(B) recommendations relating to—

22 “(A) expanding the research conducted by  
23 the Secretary that—

24 “(i) is applicable to agricultural pro-  
25 ducers that adhere to the requirements

1 under the national organic program estab-  
2 lished under the Organic Foods Production  
3 Act of 1990 (7 U.S.C. 6501 et seq.); and

4 “(ii) would explore the new or en-  
5 hanced research opportunities that could  
6 lead to new discoveries, foster innovation,  
7 improve technologies, and promote inte-  
8 grated systems approaches to assist—

9 “(I) organic agricultural pro-  
10 ducers;

11 “(II) consumers of organic food  
12 products;

13 “(III) organic marketing and dis-  
14 tribution channels;

15 “(IV) transitioning-to-organic ag-  
16 ricultural producers, including with  
17 respect to barriers to transitioning to  
18 organic production and producers who  
19 have considered transitioning to or-  
20 ganic production but decided not to  
21 do so; and

22 “(V) the organic food industry;

23 “(B) strategies to increase the coordination  
24 and effectiveness of projects carried out by the  
25 Secretary that are applicable to organic produc-

1           tion and that would improve the efficiency, pro-  
2           ductivity, profitability, and ecosystem services  
3           of organic crop and livestock production, includ-  
4           ing strategies relating to—

5                   “(i) developing new public plant  
6                   cultivars and livestock breeds that are re-  
7                   gionally adapted and appropriate for or-  
8                   ganic production;

9                   “(ii) expanding the applicability and  
10                  cost-effectiveness of integrated, ecologically  
11                  based pest, weed, and disease management  
12                  for crop and livestock systems;

13                  “(iii) developing integrated organic  
14                  production systems that—

15                          “(I) enhance ecosystem services  
16                          relating to organic crop and livestock  
17                          production; and

18                          “(II) optimize agricultural resil-  
19                          ience to the impacts of climate change  
20                          and other stresses, including soil con-  
21                          servation and soil health, biodiversity,  
22                          water management, carbon sequestra-  
23                          tion, and greenhouse gas mitigation;

24                          “(iv) improving the remote sensing  
25                          and monitoring capabilities for ecosystem

1 services relating to organic crop and live-  
2 stock production, including soil conserva-  
3 tion and soil health, biodiversity, water  
4 management, carbon sequestration, and  
5 greenhouse gas mitigation;

6 “(v) developing grazing, pasture, for-  
7 age, and livestock manure management  
8 techniques that are regionally adapted and  
9 appropriate for organic production;

10 “(vi) enhancing irrigation and water  
11 management techniques used in organic  
12 crop and livestock production;

13 “(vii) enhancing food safety relating  
14 to organic crops and livestock products, in-  
15 cluding guidance on compliance with the  
16 Federal Food, Drug, and Cosmetic Act (21  
17 U.S.C. 301 et seq.);

18 “(viii) developing new products and  
19 new uses of organic crops and livestock  
20 products;

21 “(ix) enhancing the quality of organi-  
22 cally produced food, including taste, ap-  
23 pearance, and nutritional value, after being  
24 processed into organic crop and livestock

1 products, through genetic, processing, and  
2 related research topics; and

3 “(x) other similar, relevant topics, as  
4 determined by the Initiative; and

5 “(C) the development of data and applied  
6 research-based information useful to organic  
7 and conventional crop producers, associations of  
8 those producers, and other interested bene-  
9 ficiaries in evaluating the organic and conven-  
10 tional crops industries from a regional and na-  
11 tional perspective.

12 “(3) REVIEW OF PRIOR REPORT.—The Initia-  
13 tive shall include in each report submitted under  
14 paragraph (1)(B)—

15 “(A) a review of the recommendations de-  
16 scribed in paragraph (2) included in the prior  
17 report submitted under paragraph (1)(B); and

18 “(B) the actions taken by the Secretary to  
19 implement those recommendations.

20 “(f) CONSULTATION.—

21 “(1) IN GENERAL.—In carrying out this sec-  
22 tion, the Initiative shall engage in consultation, in-  
23 cluding with—

24 “(A) the National Organic Standards  
25 Board; and

1                   “(B) land-grant colleges and universities.

2                   “(2) ORGANIC AND CONVENTIONAL INDUS-  
3 TRIES.—In preparing each report under subsection  
4 (e)(1)(B), the Initiative shall consult, on an ongoing  
5 basis, with a diverse array of—

6                   “(A) organic and conventional farmers,  
7 ranchers, handlers; and

8                   “(B) organizations that serve those farm-  
9 ers, ranchers, and handlers.

10                  “(g) CONSIDERATION BY SECRETARY.—In preparing  
11 the annual budget recommendations for the Department,  
12 the Secretary shall take into consideration the findings  
13 and recommendations contained in the most recently sub-  
14 mitted report under subsection (e)(1)(B).

15                  “(h) REPORT BY SECRETARY.—In the budget mate-  
16 rial submitted to Congress by the Secretary of Agriculture  
17 in connection with the budget of the United States Gov-  
18 ernment submitted by the President under section 1105  
19 of title 31, United States Code, for each fiscal year, the  
20 Secretary of Agriculture shall include a report describing  
21 how the Secretary addressed each recommendation of the  
22 Initiative contained in the most recently submitted report  
23 under subsection (e)(1)(B).”.

1 **SEC. 3. ORGANIC RESEARCH AND EXTENSION INITIATIVE.**

2 Section 1672B of the Food, Agriculture, Conserva-  
3 tion, and Trade Act of 1990 (7 U.S.C. 5925b) is amend-  
4 ed—

5 (1) in subsection (a)—

6 (A) in the matter preceding paragraph

7 (1)—

8 (i) by striking “subsection (e)” and

9 inserting “subsection (f)”; and

10 (ii) by striking “2023” and inserting

11 “2030”;

12 (B) in paragraph (7), by striking “and” at

13 the end;

14 (C) in paragraph (8), by striking the pe-

15 riod at the end and inserting a semicolon; and

16 (D) by adding at the end the following:

17 “(9) facilitating the identification and adoption

18 of traditional ecological knowledge in accordance

19 with subsection (e);

20 “(10) developing cultural practices and other

21 allowable alternatives to substances recommended

22 for removal from the National List of Allowed and

23 Prohibited Substances of the National Organic Pro-

24 gram of the Agricultural Marketing Service; and

25 “(11) identifying how organic agriculture can

26 adapt to and mitigate climate change through reduc-

1 ing greenhouse gas emissions, building landscape re-  
2 siliency, establishing regenerative agriculture sys-  
3 tems, and facilitating other related ecosystem serv-  
4 ices.”;

5 (2) in subsection (b)—

6 (A) in the subsection heading, by striking  
7 “TYPES AND PROCESS,” and inserting “TERM,  
8 TYPES, AND PROCESS;”;

9 (B) by inserting “(3)” after “Paragraphs”;  
10 and

11 (C) by striking “(7 U.S.C. 450i)” and in-  
12 serting “(7 U.S.C. 3157(b))”;

13 (3) by striking subsection (e) and inserting the  
14 following:

15 “(e) INDIGENOUS TRADITIONAL ECOLOGICAL  
16 KNOWLEDGE.—Any grants made under this section for  
17 the purposes of facilitating the identification and adoption  
18 of indigenous traditional ecological knowledge shall be sub-  
19 ject to the following requirements:

20 “(1) A 1994 Institution (as defined in section  
21 532 of the Equity in Educational Land-Grant Sta-  
22 tus Act of 1994 (7 U.S.C. 301 note; Public Law  
23 103–382)) or an Alaska Native-serving institution or  
24 Native Hawaiian-serving institution (as those terms  
25 are defined in section 317(b) of the Higher Edu-

1 cation Act of 1965 (20 U.S.C. 1059d(b))) shall have  
2 the role of project director.

3 “(2) The free, prior, and informed consent of  
4 any Indian Tribes (as defined in section 4 of the In-  
5 dian Self-Determination and Education Assistance  
6 Act (25 U.S.C. 5304)) or Native Hawaiian organiza-  
7 tions that possess the applicable indigenous tradi-  
8 tional ecological knowledge shall be obtained.

9 “(3) Appropriate attribution to the sources of  
10 the applicable indigenous traditional ecological  
11 knowledge shall be identified.”; and

12 (4) in subsection (f)—

13 (A) in paragraph (1)—

14 (i) in subparagraph (F), by striking  
15 “and” at the end;

16 (ii) in subparagraph (G), by striking  
17 “2023 and each fiscal year thereafter.”  
18 and inserting “2023;”; and

19 (iii) by adding at the end the fol-  
20 lowing:

21 “(H) \$60,000,000 for fiscal year 2026;

22 “(I) \$70,000,000 for fiscal year 2027;

23 “(J) \$80,000,000 for fiscal year 2028;

24 “(K) \$90,000,000 for fiscal year 2029;

25 and

1                   “(L) \$100,000,000 for fiscal year 2030  
2                   and each fiscal year thereafter.”; and

3                   (B) in paragraph (2), by striking “2023”  
4                   and inserting “2030”.

5 **SEC. 4. RESEARCHING THE TRANSITION TO ORGANIC.**

6           Title XVI of the Food, Agriculture, Conservation,  
7 and Trade Act of 1990 is amended by inserting after sec-  
8 tion 1673 (7 U.S.C. 5926) the following:

9 **“SEC. 1674. RESEARCHING THE TRANSITION TO ORGANIC.**

10           “(a) COMPETITIVE SPECIALIZED RESEARCH AND  
11 EXTENSION GRANTS AUTHORIZED.—The Secretary of  
12 Agriculture (referred to in this section as the ‘Secretary’),  
13 in consultation with the National Agricultural Research,  
14 Extension, Education, and Economics Advisory Board,  
15 may make competitive grants to support research, edu-  
16 cation, and extension activities relating to the transition  
17 of nonorganic production systems into organic agricultural  
18 production systems for the purposes of—

19                   “(1) overcoming barriers to transitioning to or-  
20 ganic agricultural production;

21                   “(2) documenting and understanding the effects  
22 of organic practices on ecosystem services, including  
23 soil health and fertility, greenhouse gas mitigation  
24 and sequestration, water management, biodiversity-  
25 related services, and pest management; and

1           “(3) developing improved technologies, methods,  
2           models, and metrics to document, describe, and opti-  
3           mize ecosystem services of transitioning agricultural  
4           production into organic management.

5           “(b) GRANT ADMINISTRATION.—Paragraphs (4), (7),  
6           (8), and (11)(B) of subsection (b) of the Competitive, Spe-  
7           cial, and Facilities Research Grant Act (7 U.S.C. 3157(b))  
8           shall apply with respect to the making of grants under  
9           this section.

10          “(c) PARTNERSHIPS ENCOURAGED.—Following the  
11          completion of a peer review process for grant proposals  
12          received under this section, the Secretary may provide a  
13          priority to the grant proposals, found in the peer review  
14          process to be scientifically meritorious, that—

15                 “(1) actively partner with producers or conduct  
16                 on-farm research; and

17                 “(2) actively involve—

18                         “(A) 1890 Institutions (as defined in sec-  
19                         tion 2 of the Agricultural Research, Extension,  
20                         and Education Reform Act of 1998 (7 U.S.C.  
21                         7601));

22                         “(B) 1994 Institutions (as defined in sec-  
23                         tion 532 of the Equity in Educational Land-  
24                         Grant Status Act of 1994 (7 U.S.C. 301 note;  
25                         Public Law 103–382));



1           “(1) IN GENERAL.—The Secretary, acting  
2 through the Administrator of the Economic Re-  
3 search Service (referred to in this subsection as the  
4 ‘Secretary’), shall conduct an economic impact anal-  
5 ysis of organic agricultural management conducted  
6 in accordance with the national organic program es-  
7 tablished under the Organic Foods Production Act  
8 of 1990 (7 U.S.C. 6501 et seq.).

9           “(2) REQUIREMENTS.—The analysis under  
10 paragraph (1) shall—

11                   “(A) take into consideration information  
12 about farming and ranching operations of a va-  
13 riety of sizes, with regional differences, and  
14 that have a diversity of production practices  
15 and methods; and

16                   “(B) consider the direct and indirect eco-  
17 nomic impacts of organic agriculture on rural  
18 and urban communities, including—

19                           “(i) the vitality of the local economy;

20                           “(ii) the labor market;

21                           “(iii) environmental quality;

22                           “(iv) social dynamics;

23                           “(v) land ownership; and

24                           “(vi) any other information, data, or  
25 analysis that the Secretary determines to

1                   be necessary to make the analysis com-  
2                   prehensive, accurate, and useful.

3                   “(3) PLAN.—Not later than 1 year after the  
4                   date of enactment of the Organic Science and Re-  
5                   search Investment Act of 2025, the Secretary shall  
6                   submit a plan to conduct the analysis under para-  
7                   graph (1) to—

8                   “(A) the Committee on Agriculture, Nutri-  
9                   tion, and Forestry of the Senate; and

10                   “(B) the Committee on Agriculture of the  
11                   House of Representatives.

12                   “(4) SUBMISSION.—Not later than 3 years  
13                   after the date on which the Secretary submits the  
14                   plan under paragraph (3), the Secretary shall sub-  
15                   mit to the committees described in that paragraph  
16                   a report describing the results of the analysis con-  
17                   ducted under paragraph (1).”; and

18                   (3) in subsection (e) (as so redesignated)—

19                   (A) in paragraph (1)—

20                   (i) in subparagraph (A), by striking  
21                   “and” at the end;

22                   (ii) in subparagraph (B), by striking  
23                   the period at the end and inserting “;  
24                   and”; and

1 (iii) by adding at the end the fol-  
2 lowing:

3 “(C) \$10,000,000 for the period of fiscal  
4 years 2025 through 2030.”; and

5 (B) in paragraph (2), by striking  
6 “\$5,000,000 for each of fiscal years 2008  
7 through 2023” and inserting “\$10,000,000 for  
8 each of fiscal years 2025 through 2030”.