

119TH CONGRESS
1ST SESSION

H. R. 3991

To amend the Food, Agriculture, Conservation, and Trade Act of 1990 to include as a high-priority research and extension area research on microplastics and per- and polyfluoroalkyl substances on farmland.

IN THE HOUSE OF REPRESENTATIVES

JUNE 12, 2025

Ms. PEREZ (for herself and Mrs. KIM) introduced the following bill; which was referred to the Committee on Agriculture

A BILL

To amend the Food, Agriculture, Conservation, and Trade Act of 1990 to include as a high-priority research and extension area research on microplastics and per- and polyfluoroalkyl substances on farmland.

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 “Research for Healthy
5 Soils Act”.

1 **SEC. 2. MICROPLASTICS AND PER- AND**
2 **POLYFLUOROALKYL SUBSTANCES ON FARM-**
3 **LAND.**

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

7 “(21) MICROPLASTICS AND PER- AND
8 POLYFLUOROALKYL SUBSTANCES ON FARMLAND.—
9 Research and extension grants may be made under
10 this section for the purposes of carrying out or en-
11 hancing research on the agricultural impacts of
12 microplastics and per- and polyfluoroalkyl sub-
13 stances, including structural firefighting foam, in
14 land-applied biosolids or compost on farmland, in-
15 cluding by—

16 “(A) conducting surveys and collecting
17 data on concentration, particle size, and chem-
18 ical composition of such substances in land-ap-
19 plied biosolids on farmland;

20 “(B) the development or analysis of tech-
21 niques, including wastewater treatment and
22 composting, to filter out or biodegrade such
23 substances from biosolids intended to be used
24 for agricultural purposes;

25 “(C) conducting an analysis of the impact
26 on agricultural crops and soil health of such

1 substances in land-applied biosolids on farm-
2 land, including the uptake of such substances
3 by various crops or livestock;

4 “(D) conducting research to better under-
5 stand how wastewater processing impacts such
6 substances;

7 “(E) conducting research to better under-
8 stand the fate, residence time, and transport of
9 such substances on farmland; and

10 “(F) conducting research on how to reme-
11 diate soil and water systems contaminated with
12 such substances.”.

13 **SEC. 3. REAUTHORIZATION OF HIGH-PRIORITY RESEARCH**
14 **AND EXTENSION INITIATIVES.**

15 Section 1672 of the Food, Agriculture, Conservation,
16 and Trade Act of 1990 (7 U.S.C. 5925) is amended by
17 striking “2023” each place it appears in subsection (e)(5),
18 subsection (f)(5), paragraphs (1)(B), (2)(B), and (3) of
19 subsection (g), and subsection (h) and inserting “2031”.

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