

119TH CONGRESS
1ST SESSION

S. 1042

To require the Agricultural Research Service to conduct research relating to wildfire smoke exposure on wine grapes, and for other purposes.

IN THE SENATE OF THE UNITED STATES

MARCH 13, 2025

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

A BILL

To require the Agricultural Research Service to conduct research relating to wildfire smoke exposure on wine grapes, 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 “Smoke Exposure Re-
5 search Act”.

6 **SEC. 2. WILDFIRE SMOKE EXPOSURE RESEARCH ON WINE**
7 **GRAPES.**

8 (a) RESEARCH.—

1 (1) IN GENERAL.—The Secretary of Agri-
2 culture, acting through the Administrator of the Ag-
3 ricultural Research Service, shall—

4 (A) conduct research—

5 (i) to identify the compounds respon-
6 sible for smoke taint; and

7 (ii) to establish standard methodolo-
8 gies for sampling and testing smoke-ex-
9 posed wine grapes and smoke-affected
10 wines, including fast and inexpensive
11 screening methods;

12 (B) establish a reliable database of back-
13 ground levels of smoke taint compounds that
14 occur naturally in wine grapes;

15 (C) develop risk assessment tools or miti-
16 gation methods to reduce or eliminate smoke
17 taint; and

18 (D) study compounds that can act as a
19 barrier between wine grapes and smoke com-
20 pounds.

21 (2) COORDINATION.—The Secretary of Agri-
22 culture, acting through the Administrator of the Ag-
23 ricultural Research Service, shall carry out para-
24 graph (1) in coordination with land-grant colleges
25 and universities (as defined in section 1404 of the

1 National Agricultural Research, Extension, and
2 Teaching Policy Act of 1977 (7 U.S.C. 3103)) lo-
3 cated in the States of California, Oregon, and Wash-
4 ington that have conducted research on the effects
5 of smoke exposure on viticulture and enology oper-
6 ations and practices.

7 (b) AUTHORIZATION OF APPROPRIATIONS.—There is
8 authorized to be appropriated to carry out this section
9 \$6,500,000 for each of fiscal years 2026 through 2030,
10 to remain available until expended.

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