

118TH CONGRESS  
1ST SESSION

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

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

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IN THE SENATE OF THE UNITED STATES

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

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**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 of 2023”.

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 2024 through 2028,  
10 to remain available until expended.