

.....  
(Original Signature of Member)

118TH CONGRESS  
1ST SESSION

**H. R.** \_\_\_\_\_

To amend certain agricultural laws with respect to the definition of biofuels  
and sustainable aviation fuel, and for other purposes.

\_\_\_\_\_  
**IN THE HOUSE OF REPRESENTATIVES**

Mr. MILLER of Ohio introduced the following bill; which was referred to the  
Committee on \_\_\_\_\_  
\_\_\_\_\_

**A BILL**

To amend certain agricultural laws with respect to the defini-  
tion of biofuels and sustainable aviation fuel, 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 “Farm to Fly Act of  
5       2023”.

6       **SEC. 2. PURPOSES AND FINDINGS.**

7       (a) PURPOSES.—The purposes of this Act are as fol-  
8       lows:

1           (1) To enable access for sustainable aviation  
2       fuels within Department of Agriculture bio-energy  
3       programs to foster alternative biofuels in national  
4       aviation, expanding the fuel supply, promoting clean  
5       energy sources, and supporting United States agri-  
6       culture.

7           (2) To recognize the critical role the United  
8       States agricultural sector plays in the production of  
9       sustainable aviation fuel and the importance of such  
10      fuel to achieving the goals of the Sustainable Avia-  
11      tion Fuel Grand Challenge.

12      (b) FINDINGS.—Congress finds the following:

13           (1) Sustainable aviation fuels have the capacity  
14      to increase domestic energy security, support the ag-  
15      ricultural sector, and foster the farm economy by ac-  
16      celerating the availability of a commercially viable  
17      and sustainable aviation biofuel industry in the  
18      United States.

19           (2) Sustainable aviation fuels provide a critical  
20      opportunity to support farmers of the United States  
21      and the rest of the agricultural sector in the sector's  
22      partnership with the aviation sector to support rural  
23      economic development.

24           (3) Feedstocks have been identified for sustain-  
25      able aviation fuels due to the collective abundance

1 and perceived sustainability attributes of such feed-  
2 stocks.

3 (4) Sustainable aviation fuels will increase do-  
4 mestic energy security, create new markets for farm-  
5 ers of the United States while providing a new en-  
6 ergy resource for the aviation sector.

7 **SEC. 3. DEFINITIONS.**

8 Section 9001 of the Farm Security and Rural Invest-  
9 ment Act of 2002 (7 U.S.C. 8101) is amended—

10 (1) in paragraph (3)(B)—

11 (A) in clause (iv) by inserting “and sus-  
12 tainable aviation fuel” after “diesel-equivalent  
13 fuel”;

14 (B) by redesignating clauses (v) through  
15 (vii) as clauses (vi) through (viii), respectively;  
16 and

17 (C) by inserting after clause (iv) the fol-  
18 lowing:

19 “(v) biofuel, including sustainable  
20 aviation fuel, produced from an inter-  
21 mediate ingredient or feedstock;”; and

22 (2) by adding at the end the following:

23 “(18) SUSTAINABLE AVIATION FUEL.—

1           “(A) IN GENERAL.—The term ‘sustainable  
2           aviation fuel’ means liquid fuel, the portion of  
3           which is not kerosene, which—

4                   “(i) meets the requirements of—

5                           “(I) ASTM International Stand-  
6                           ard D7566; or

7                           “(II) the Fischer Tropsch provi-  
8                           sions of ASTM International Stand-  
9                           ard D1655, Annex A1;

10                   “(ii) is not derived from coprocessing  
11                   an applicable material (or materials de-  
12                   rived from an applicable material) with a  
13                   feedstock which is not biomass;

14                   “(iii) is not derived from palm fatty  
15                   acid distillates or petroleum; and

16                   “(iv) has been certified in accordance  
17                   with subparagraph (B)(iii) as having a  
18                   lifecycle greenhouse gas emissions reduc-  
19                   tion percentage of at least 50 percent.

20           “(B) OTHER DEFINITIONS.—For purposes  
21           of subparagraph (A):

22                   “(i) APPLICABLE MATERIAL.—The  
23                   term “applicable material” means—

24                           “(I) monoglycerides, diglycerides,  
25                           and triglycerides;

1 “(II) free fatty acids; and

2 “(III) fatty acid esters.

3 “(ii) BIOMASS.—The term “biomass”  
4 has the meaning given such term in section  
5 45K(c)(3) of the Internal Revenue Code of  
6 1986.

7 “(iii) LIFECYCLE GREENHOUSE GAS  
8 EMISSIONS REDUCTION PERCENTAGE.—  
9 The term “lifecycle greenhouse gas emis-  
10 sions reduction percentage” means, with  
11 respect to any sustainable aviation fuel,  
12 the percentage reduction in lifecycle green-  
13 house gas emissions achieved by such fuel  
14 as compared with petroleum-based jet fuel,  
15 as defined in accordance with—

16 “(I) the most recent Carbon Off-  
17 setting and Reduction Scheme for  
18 International Aviation which has been  
19 adopted by the International Civil  
20 Aviation Organization with the agree-  
21 ment of the United States; or

22 “(II) the most recent determina-  
23 tions under the Greenhouse gases,  
24 Regulated Emissions, and Energy use  
25 in Technologies (GREET) model de-

1                   veloped by Argonne National Labora-  
2                   tory.”.

3 **SEC. 4. FARM TO FLY COLLABORATION INITIATIVE.**

4       The Secretary of Agriculture shall take such actions  
5 as are necessary to carry out a comprehensive and inte-  
6 grated pursuit of all Department of Agriculture mission  
7 areas for the advancement of Sustainable Aviation Fuels  
8 through—

9           (1) ensuring leadership working across Depart-  
10       ment of Agriculture agencies to maximize effective-  
11       ness;

12       (2) identification of opportunities to maximize  
13       Sustainable Aviation Fuels development and com-  
14       mercialization;

15       (3) leveraging the capabilities of America’s  
16       farmers, foresters, and the agricultural sector in  
17       capturing the opportunities presented by the emerg-  
18       ing Sustainable Aviation Fuels market;

19       (4) supporting rural economic development  
20       through improved sustainability for aviation; and

21       (5) advancing public private partnerships  
22       through collaboration complementing Federal Gov-  
23       ernment efforts.

1 **SEC. 5. BIOREFINERY, RENEWABLE CHEMICAL, AND**  
2 **BIOBASED PRODUCT MANUFACTURING AS-**  
3 **SISTANCE.**

4 Section 9003(a) of the Farm Security and Rural In-  
5 vestment Act of 2002 (7 U.S.C. 8103(a)) is amended—

6 (1) in paragraph (3)—

7 (A) in subparagraph (A)—

8 (i) by redesignating clauses (ii) and

9 (iii) as clauses (iii) and (iv), respectively;

10 and

11 (ii) by inserting after clause (i) the

12 following:

13 “(ii) sustainable aviation fuel;”; and

14 (B) in subparagraph (B)—

15 (i) by redesignating clauses (ii) and

16 (iii) as clauses (iii) and (iv), respectively;

17 and

18 (ii) by inserting after clause (i) the

19 following:

20 “(ii) sustainable aviation fuel;”; and

21 (C) by striking “; and” and inserting a

22 semicolon;

23 (2) in paragraph (4) by striking the period and

24 inserting “; and”; and

25 (3) by adding at the end the following:

1                   “(5) foster and advance sustainable aviation  
2           fuels.”.