

**AMENDMENT IN THE NATURE OF A SUBSTITUTE  
TO H.R. 4881  
OFFERED BY MR. LATTA OF OHIO**

Strike all after the enacting clause and insert the following:

**1 SECTION 1. SHORT TITLE.**

2 This Act may be cited as the “Precision Agriculture  
3 Connectivity Act of 2018”.

**4 SEC. 2. FINDINGS.**

5 Congress finds the following:

6 (1) Precision agriculture technologies and prac-  
7 tices allow farmers to significantly increase crop  
8 yields, eliminate overlap in operations, and reduce  
9 inputs such as seed, fertilizer, pesticides, water, and  
10 fuel.

11 (2) These technologies allow farmers to collect  
12 data in real time about their fields, automate field  
13 management, and maximize resources.

14 (3) Studies estimate that precision agriculture  
15 technologies can reduce agricultural operation costs  
16 by up to 25 dollars per acre and increase farm yields  
17 by up to 70 percent by 2050.

1           (4) The critical cost savings and productivity  
2 benefits of precision agriculture cannot be realized  
3 without the availability of reliable broadband Inter-  
4 net access service delivered to the agricultural land  
5 of the United States.

6           (5) The deployment of broadband Internet ac-  
7 cess service to unserved agricultural land is critical  
8 to the United States economy and to the continued  
9 leadership of the United States in global food pro-  
10 duction.

11           (6) Despite the growing demand for broadband  
12 Internet access service on agricultural land,  
13 broadband Internet access service is not consistently  
14 available where needed for agricultural operations.

15           (7) The Federal Communications Commission  
16 has an important role to play in the deployment of  
17 broadband Internet access service on unserved agri-  
18 cultural land to promote precision agriculture.

19 **SEC. 3. TASK FORCE.**

20 (a) DEFINITIONS.—In this section—

21           (1) the term “broadband Internet access serv-  
22 ice” has the meaning given the term in section 8.1  
23 of title 47, Code of Federal Regulations, or any suc-  
24 cessor regulation;

1           (2) the term “Commission” means the Federal  
2       Communications Commission;

3           (3) the term “Department” means the Depart-  
4       ment of Agriculture;

5           (4) the term “Secretary” means the Secretary  
6       of Agriculture; and

7           (5) the term “Task Force” means the Task  
8       Force for Reviewing the Connectivity and Tech-  
9       nology Needs of Precision Agriculture in the United  
10      States established under subsection (b).

11      (b) ESTABLISHMENT.—Not later than 1 year after  
12      the date of enactment of this Act, the Commission shall  
13      establish the Task Force for Reviewing the Connectivity  
14      and Technology Needs of Precision Agriculture in the  
15      United States.

16      (c) DUTIES.—

17           (1) IN GENERAL.—The Task Force shall con-  
18      sult with the Secretary, or a designee of the Sec-  
19      retary, and collaborate with public and private  
20      stakeholders in the agriculture and technology fields  
21      to—

22           (A) identify and measure current gaps in  
23      the availability of broadband Internet access  
24      service on agricultural land;

1           (B) develop policy recommendations to  
2 promote the rapid, expanded deployment of  
3 broadband Internet access service on unserved  
4 agricultural land, with a goal of achieving reli-  
5 able capabilities on 95 percent of agricultural  
6 land in the United States by 2025;

7           (C) promote effective policy and regulatory  
8 solutions that encourage the adoption of  
9 broadband Internet access service on farms and  
10 ranches and promote precision agriculture;

11           (D) recommend specific new rules or  
12 amendments to existing rules of the Commis-  
13 sion that the Commission should issue to  
14 achieve the goals and purposes of the policy rec-  
15 ommendations described in subparagraph (B);

16           (E) recommend specific steps that the  
17 Commission should take to obtain reliable and  
18 standardized data measurements of the avail-  
19 ability of broadband Internet access service as  
20 may be necessary to target funding support,  
21 from future programs of the Commission dedi-  
22 cated to the deployment of broadband Internet  
23 access service, to unserved agricultural land in  
24 need of broadband Internet access service; and

1 (F) recommend specific steps that the  
2 Commission should consider to ensure that the  
3 expertise of the Secretary and available farm  
4 data are reflected in future programs of the  
5 Commission dedicated to the infrastructure de-  
6 ployment of broadband Internet access service  
7 and to direct available funding to unserved ag-  
8 ricultural land where needed.

9 (2) NO DUPLICATE DATA REPORTING.—In per-  
10 forming the duties of the Commission under para-  
11 graph (1), the Commission shall ensure that no pro-  
12 vider of broadband Internet access service is re-  
13 quired to report data to the Commission that is, on  
14 the day before the date of enactment of this Act, re-  
15 quired to be reported by the provider of broadband  
16 Internet access service.

17 (3) HOLD HARMLESS.—The Task Force and  
18 the Commission shall not interpret the phrase “fu-  
19 ture programs of the Commission”, as used in sub-  
20 paragraphs (E) and (F) of paragraph (1), to include  
21 the universal service programs of the Commission  
22 established under section 254 of the Communica-  
23 tions Act of 1934 (47 U.S.C. 254).

24 (4) CONSULTATION.—The Secretary, or a des-  
25 ignee of the Secretary, shall explain and make avail-

1 able to the Task Force the expertise, data mapping  
2 information, and resources of the Department that  
3 the Department uses to identify cropland, ranchland,  
4 and other areas with agricultural operations that  
5 may be helpful in developing the recommendations  
6 required under paragraph (1).

7 (5) LIST OF AVAILABLE FEDERAL PROGRAMS  
8 AND RESOURCES.—Not later than 180 days after  
9 the date of enactment of this Act, the Secretary and  
10 the Commission shall jointly submit to the Task  
11 Force a list of all Federal programs or resources  
12 available for the expansion of broadband Internet ac-  
13 cess service on unserved agricultural land to assist  
14 the Task Force in carrying out the duties of the  
15 Task Force.

16 (d) MEMBERSHIP.—

17 (1) IN GENERAL.—The Task Force shall be—

18 (A) composed of not more than 15 voting  
19 members who shall—

20 (i) be selected by the Chairman of the  
21 Commission, in consultation with the Sec-  
22 retary; and

23 (ii) include—

24 (I) agricultural producers rep-  
25 resenting diverse geographic regions

1 and farm sizes, including owners and  
2 operators of farms of less than 100  
3 acres;

4 (II) an agricultural producer rep-  
5 resenting tribal agriculture;

6 (III) Internet service providers,  
7 including regional or rural fixed and  
8 mobile broadband Internet access  
9 service providers and telecommuni-  
10 cations infrastructure providers;

11 (IV) representatives from the  
12 electric cooperative industry;

13 (V) representatives from the sat-  
14 ellite industry;

15 (VI) representatives from preci-  
16 sion agriculture equipment manufac-  
17 turers, including drone manufactur-  
18 ers, manufacturers of autonomous ag-  
19 ricultural machinery, and manufactur-  
20 ers of farming robotics technologies;  
21 and

22 (VII) representatives from State  
23 and local governments; and

1 (B) fairly balanced in terms of tech-  
2 nologies, points of view, and fields represented  
3 on the Task Force.

4 (2) PERIOD OF APPOINTMENT; VACANCIES.—

5 (A) IN GENERAL.—A member of the Task  
6 Force appointed under paragraph (1)(A) shall  
7 serve for a single term of 2 years.

8 (B) VACANCIES.—Any vacancy in the Task  
9 Force—

10 (i) shall not affect the powers of the  
11 Task Force; and

12 (ii) shall be filled in the same manner  
13 as the original appointment.

14 (3) EX-OFFICIO MEMBER.—The Secretary, or a  
15 designee of the Secretary, shall serve as an ex-offi-  
16 cio, nonvoting member of the Task Force.

17 (e) REPORTS.—Not later than 1 year after the date  
18 on which the Commission establishes the Task Force, and  
19 annually thereafter, the Task Force shall submit to the  
20 Chairman of the Commission a report, which shall be  
21 made public not later than 30 days after the date on which  
22 the Chairman receives the report, that details—

23 (1) the status of fixed and mobile broadband  
24 Internet access service coverage of agricultural land;



1           (2) the projected future connectivity needs of  
2           agricultural operations, farmers, and ranchers; and

3           (3) the steps being taken to accurately measure  
4           the availability of broadband Internet access service  
5           on agricultural land and the limitations of current,  
6           as of the date of the report, measurement processes.

7           (f) TERMINATION.—The Commission shall renew the  
8           Task Force every 2 years until the Task Force terminates  
9           on January 1, 2025.

Amend the title so as to read: “A bill to require the  
Federal Communications Commission to establish a task  
force for reviewing the connectivity and technology needs  
of precision agriculture in the United States.”.

