

HR 1985

Promoting Precision Agriculture Act

Congress: 119 (2025–2027, Current)

Chamber: House

Policy Area: Agriculture and Food

Introduced: Mar 10, 2025

Current Status: Referred to the Subcommittee on Commodity Markets, Digital Assets, and Rural Development.

Latest Action: Referred to the Subcommittee on Commodity Markets, Digital Assets, and Rural Development. (Mar 28, 2025)

Official Text: <https://www.congress.gov/bill/119th-congress/house-bill/1985>

Sponsor

Name: Rep. Davis, Donald G. [D-NC-1]

Party: Democratic • **State:** NC • **Chamber:** House

Cosponsors (2 total)

Cosponsor	Party / State	Role	Date Joined
Rep. Mann, Tracey [R-KS-1]	R · KS		Mar 10, 2025
Rep. Fitzpatrick, Brian K. [R-PA-1]	R · PA		Mar 18, 2025

Committee Activity

Committee	Chamber	Activity	Date
Agriculture Committee	House	Referred to	Mar 28, 2025

Subjects & Policy Tags

Policy Area:

Agriculture and Food

Related Bills

Bill	Relationship	Last Action
119 S 507	Related bill	Feb 11, 2025: Read twice and referred to the Committee on Agriculture, Nutrition, and Forestry. (text: CR S861-862)

Promoting Precision Agriculture Act

This bill requires the Department of Agriculture (USDA) to develop voluntary standards for precision agriculture (i.e., managing, tracking, or reducing crop or livestock production inputs, including seed, feed, fertilizer, chemicals, water, and time at a heightened level of spatial and temporal granularity to improve efficiencies, reduce waste, and maintain environmental quality).

USDA, in consultation with the National Institute of Standards and Technology (NIST) and the Federal Communications Commission (FCC), must develop voluntary, consensus-based, private sector-led interconnectivity standards, guidelines, and best practices for precision agriculture to promote economies of scale and ease the burden of adoption. USDA must (1) coordinate with relevant public and trusted private sector stakeholders and relevant industry organizations, and (2) consult with sector-specific agencies and state and local governments.

Further, in developing the standards, USDA must, in consultation with NIST and the FCC, consider the

- connectivity needs of precision agriculture equipment,
- cybersecurity challenges facing precision agriculture, and
- impact of artificial intelligence on this area.

The Government Accountability Office must periodically assess and report to Congress on the standards.

Actions Timeline

- **Mar 28, 2025:** Referred to the Subcommittee on Commodity Markets, Digital Assets, and Rural Development.
- **Mar 10, 2025:** Sponsor introductory remarks on measure. (CR H1045)
- **Mar 10, 2025:** Introduced in House
- **Mar 10, 2025:** Referred to the House Committee on Agriculture.

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