

S 734

Promoting Precision Agriculture Act of 2023

Congress: 118 (2023–2025, Ended)

Chamber: Senate

Policy Area: Agriculture and Food

Introduced: Mar 9, 2023

Current Status: Read twice and referred to the Committee on Agriculture, Nutrition, and Forestry. (Sponsor introduct

Latest Action: Read twice and referred to the Committee on Agriculture, Nutrition, and Forestry. (Sponsor introductory remarks on measure: CR S744-745; text: CR S745-746) (Mar 9, 2023)

Official Text: <https://www.congress.gov/bill/118th-congress/senate-bill/734>

Sponsor

Name: Sen. Thune, John [R-SD]

Party: Republican • **State:** SD • **Chamber:** Senate

Cosponsors (1 total)

| Cosponsor | Party / State | Role | Date Joined |
|---------------------------------|---------------|------|-------------|
| Sen. Warnock, Raphael G. [D-GA] | D · GA | | Mar 9, 2023 |

Committee Activity

| Committee | Chamber | Activity | Date |
|--|---------|-------------|-------------|
| Agriculture, Nutrition, and Forestry Committee | Senate | Referred To | Mar 9, 2023 |

Subjects & Policy Tags

Policy Area:

Agriculture and Food

Related Bills

| Bill | Relationship | Last Action |
|-------------|--------------|---|
| 118 HR 1697 | Related bill | May 11, 2023: Ordered to be Reported by Voice Vote. |

Promoting Precision Agriculture Act of 2023

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), must develop voluntary, consensus-based, private sector-led interconnectivity standards 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 Federal Communications Commission, consider

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

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

Actions Timeline

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