

H.R. 1697

Section-by-Section

Section 1. Short Title

The “Promoting Precision Agriculture Act of 2023”:

Section 2. Definitions

The following are defined for purposes of this Act:

1. *Advanced Wireless Communications Technology*
2. *Artificial Intelligence*
3. *Foreign Adversary*
4. *Precision Agriculture*
5. *Precision Agriculture Equipment*
6. *Secretary*: Secretary of Agriculture.
7. *Trusted*: with respect to a provider of communications technology, a provider that the Secretary has determined is not owned or controlled by a foreign adversary.
8. *Voluntary Consensus Standards Development Organization*

Section 3. Purposes

This section explains that the purposes of this Act are to enhance the participation of precision agriculture in the U.S. and to promote U.S. leadership in voluntary consensus standards development organizations that set standards for precision agriculture.

Section 4. Interconnectivity Standards for Precision Agriculture

This section directs the Secretary, within two years, to develop private sector-led interconnectivity standards, guidelines, and best practices for precision agriculture. In developing such standards and guidelines, the Secretary must consider: the demands, needs, and cybersecurity challenges facing precision agriculture; and the impact of advanced wireless communications technology and artificial intelligence on precision agriculture.

Section 5. GAO Assessment of Precision Agriculture Standards

Section 5 requires the Comptroller General of the U.S., under certain time requirements, to conduct periodic studies that assess the standards developed under section 4. The Comptroller General must submit a report summarizing the findings of each study to relevant Committees in the House and Senate.