



HOUSE COMMITTEE ON AGRICULTURE

PRECISION AGRICULTURE

Our producers feed more people than ever before with less land and fewer resources because of technology and innovation. The Farm, Food, and National Security Act of 2026 works to expand the opportunities available to young, beginning, socially disadvantaged, and veteran farmers.

Improves precision agriculture practices and increases the accessibility of precision agriculture services.

- Establishes a partnership between the federal government and the private sector to create voluntary interconnectivity standards and prioritize the cybersecurity needs for precision agriculture technologies. Based on language found in [H.R. 1697 - Promoting Precision Agriculture Act](#). Helps rural entities expand the adoption of precision agriculture practices, including by financing the acquisition of precision agriculture technology. Based on language found in [H.R. 6143 - PRECISE Act](#).

Protects and enhances working lands conservation programs while promoting precision agriculture.

- Incorporates precision agriculture into EQIP, based on provisions from the PRECISE Act ([H.R. 6143](#) in the 118th Congress, [H.R. 1459](#) in the 119th Congress) by adding precision agriculture technologies to the 90% payment, water conservation and irrigation efficiency practices, incentive contracts, and conservation innovation grants, incentive contracts, and conservation innovation grants.
- Adds the planning, adoption, and acquisition of precision agriculture practices and technologies as eligible for CSP payments, as seen in [H.R. 1459](#).
- Encourages science, technology and innovation in conservation programs by requiring more frequent updates to the practice standards ([H.R. 6877](#)) and through the creation of a new Office of Innovation ([H.R. 6867](#)).

Reauthorizes the Agriculture and Food Research Initiative — the flagship competitive grant program — and includes provisions to reflect industry needs, including for precision agriculture.

Adds precision agriculture to the definition of agricultural technology within the Agriculture Advanced Research and Development Authority (AgARDA).

