

S. 526. A bill to prevent unfair and deceptive acts or practices and the dissemination of false information related to pharmacy benefit management services for prescription drugs, and for other purposes; to the Committee on Commerce, Science, and Transportation.

By Mr. GRASSLEY (for himself, Ms. CANTWELL, Mr. MARSHALL, Mr. WELCH, Mr. TUBERVILLE, Mr. COONS, Mr. TILLIS, Mr. BLUMENTHAL, Mrs. CAPITO, Ms. HIRONO, and Mr. LANKFORD):

S. 527. A bill to require the Federal Trade Commission to study the role of intermediaries in the pharmaceutical supply chain and provide Congress with appropriate policy recommendations, and for other purposes; to the Committee on the Judiciary.

By Mr. PETERS (for himself, Mr. YOUNG, Ms. KLOBUCHAR, Mr. MORENO, Ms. BALDWIN, Mr. HUSTED, Mr. DURBIN, Ms. SMITH, Mrs. GILLIBRAND, Mr. FETTERMAN, Ms. SLOTKIN, Mr. SCHUMER, and Ms. DUCKWORTH):

S. 528. A bill to reauthorize the Great Lakes Restoration Initiative, and for other purposes; to the Committee on Environment and Public Works.

By Mr. WARNOCK (for himself, Ms. BALDWIN, Mr. BOOKER, Mr. BLUMENTHAL, Mr. FETTERMAN, Mrs. GILLIBRAND, Mr. HEINRICH, Mr. KIM, Ms. KLOBUCHAR, Mrs. MURRAY, and Mr. WELCH):

S. 529. A bill to limit cost-sharing for prescription drugs, and for other purposes; to the Committee on Health, Education, Labor, and Pensions.

By Mr. BARRASSO (for himself, Mr. CURTIS, Mr. RISCH, Ms. LUMMIS, Mr. CRAMER, Mr. CRAPO, and Mrs. FISCHER):

S. 530. A bill to repeal a rule of the Bureau of Land Management relating to conservation and landscape health; to the Committee on Energy and Natural Resources.

By Ms. KLOBUCHAR (for herself and Ms. COLLINS):

S. 531. A bill to assist States in, and pay for the Federal share of the cost of, defraying the cost of pre-apprenticeships or related instruction associated with qualified apprenticeship programs, and for other programs; to the Committee on Health, Education, Labor, and Pensions.

SUBMISSION OF CONCURRENT AND SENATE RESOLUTIONS

The following concurrent resolutions and Senate resolutions were read, and referred (or acted upon), as indicated:

By Mr. WICKER:

S. Res. 69. An original resolution authorizing expenditures by the Committee on Armed Services; from the Committee on Armed Services; to the Committee on Rules and Administration.

By Mr. LEE:

S. Res. 70. An original resolution authorizing expenditures by the Committee on Energy and Natural Resources; from the Committee on Energy and Natural Resources; to the Committee on Rules and Administration.

By Ms. ERNST:

S. Res. 71. An original resolution authorizing expenditures by the Committee on Small Business and Entrepreneurship; from the Committee on Small Business and Entrepreneurship; to the Committee on Rules and Administration.

By Mr. GRAHAM (for himself, Mr. BLUMENTHAL, Mr. COTTON, Ms. ROSEN, and Mrs. BRITTY):

S. Res. 72. A resolution affirming that Hamas cannot retain any political or mili-

tary control in the Gaza Strip; to the Committee on Foreign Relations.

By Mr. COTTON:

S. Res. 73. An original resolution authorizing expenditures by the Select Committee on Intelligence; from the Select Committee on Intelligence; to the Committee on Rules and Administration.

By Mr. MORAN:

S. Res. 74. An original resolution authorizing expenditures by the Committee on Veterans' Affairs; from the Committee on Veterans' Affairs; to the Committee on Rules and Administration.

ADDITIONAL COSPONSORS

S. 51

At the request of Mr. VAN HOLLEN, the name of the Senator from Arizona (Mr. GALLEG0) was added as a cosponsor of S. 51, a bill to provide for the admission of the State of Washington, D.C. into the Union.

S. 94

At the request of Mr. CRAMER, the names of the Senator from West Virginia (Mr. JUSTICE) and the Senator from New York (Mrs. GILLIBRAND) were added as cosponsors of S. 94, a bill to award 3 Congressional Gold Medals to the members of the 1980 United States Olympic Men's Ice Hockey Team, in recognition of their extraordinary achievement at the XIII Olympic Winter Games where, being comprised of amateur collegiate players, they defeated the dominant Soviet ice hockey team in the historic "Miracle on Ice", revitalizing morale in the United States at the height of the Cold War, inspiring generations, and transforming the sport of ice hockey in the United States.

S. 157

At the request of Mrs. BLACKBURN, the name of the Senator from South Dakota (Mr. ROUNDS) was added as a cosponsor of S. 157, a bill to authorize certain States to take certain actions on certain Federal land to secure an international border of the United States, and for other purposes.

S. 169

At the request of Ms. KLOBUCHAR, the name of the Senator from Illinois (Ms. DUCKWORTH) was added as a cosponsor of S. 169, a bill to assist States in carrying out projects to expand the child care workforce and child care facilities in the States, and for other purposes.

S. 183

At the request of Mr. MORAN, the name of the Senator from California (Mr. PADILLA) was added as a cosponsor of S. 183, a bill to authorize major medical facility projects for the Department of Veterans Affairs for fiscal year 2025, and for other purposes.

S. 292

At the request of Mr. CASSIDY, the name of the Senator from Indiana (Mr. BANKS) was added as a cosponsor of S. 292, a bill to amend the Internal Revenue Code of 1986 to allow a credit against tax for charitable donations to nonprofit organizations providing education scholarships to qualified elementary and secondary students.

S. 299

At the request of Mr. DURBIN, the name of the Senator from Arizona (Mr. GALLEG0) was added as a cosponsor of S. 299, a bill to establish a competitive grant program to support the establishment, expansion, or enhancement of youth mentoring programs for eligible youth, and to provide for social and emotional learning, employability skill development, career exploration, work-based learning, and other youth workforce opportunities.

S. 331

At the request of Mr. GRASSLEY, the name of the Senator from Florida (Mrs. MOODY) was added as a cosponsor of S. 331, a bill to amend the Controlled Substances Act with respect to the scheduling of fentanyl-related substances, and for other purposes.

S. 339

At the request of Mr. CRAPO, the name of the Senator from Kansas (Mr. MARSHALL) was added as a cosponsor of S. 339, a bill to amend title XVIII of the Social Security Act to provide for Medicare coverage of multi-cancer early detection screening tests.

S. 363

At the request of Mr. SCOTT of South Carolina, the names of the Senator from Nebraska (Mr. RICKETTS) and the Senator from Montana (Mr. SHEEHY) were added as cosponsors of S. 363, a bill to impose sanctions with respect to foreign governments that resist efforts to repatriate their citizens who have unlawfully entered the United States and foreign governments and foreign persons that knowingly facilitate unlawful immigration into the United States, and for other purposes.

S. 385

At the request of Mr. CORNYN, the names of the Senator from North Carolina (Mr. TILLIS), the Senator from Nebraska (Mr. RICKETTS), the Senator from Arizona (Mr. KELLY) and the Senator from Hawaii (Ms. HIRONO) were added as cosponsors of S. 385, a bill to amend title 38, United States Code, to require the Secretary of Veterans Affairs to periodically review the automatic maximum coverage under the Servicemembers' Group Life Insurance program and the Veterans' Group Life Insurance program, and for other purposes.

S. 391

At the request of Mr. PADILLA, the name of the Senator from New Mexico (Mr. LUJÁN) was added as a cosponsor of S. 391, a bill to clarify the rights of certain persons who are held or detained at a port of entry or at any facility overseen by U.S. Customs and Border Protection.

S. 410

At the request of Mr. WARNOCK, the name of the Senator from Georgia (Mr. OSSOFF) was added as a cosponsor of S. 410, a bill to amend titles 10 and 38, United States Code, to improve benefits and services for surviving spouses, and for other purposes.

S. 442

At the request of Mr. CRUZ, the name of the Senator from Texas (Mr. CORNYN) was added as a cosponsor of S. 442, a bill to amend title 10, United States Code, to direct the Secretary of the Air Force to operate a Technical Training Center of Excellence, and for other purposes.

S. 469

At the request of Ms. ERNST, the name of the Senator from Nebraska (Mr. RICKETTS) was added as a cosponsor of S. 469, a bill to restore the exemption of family farms and small businesses from the definition of assets under title IV of the Higher Education Act of 1965.

S. 477

At the request of Mr. KENNEDY, the name of the Senator from Tennessee (Mrs. BLACKBURN) was added as a cosponsor of S. 477, a bill to amend the Controlled Substances Act and the Controlled Substances Import and Export Act to modify the offenses relating to fentanyl, and for other purposes.

S. 491

At the request of Mr. KAINE, the name of the Senator from New Hampshire (Mrs. SHAHEEN) was added as a cosponsor of S. 491, a bill to establish the position of Director of Foreign Assistance in the Department of State, and for other purposes.

S.J. RES. 10

At the request of Mr. KAINE, the names of the Senator from Massachusetts (Mr. MARKEY) and the Senator from Maryland (Mr. VAN HOLLEN) were added as cosponsors of S.J. Res. 10, a joint resolution terminating the national emergency declared with respect to energy.

S. CON. RES. 6

At the request of Mr. CRAPO, the name of the Senator from South Dakota (Mr. ROUNDS) was added as a cosponsor of S. Con. Res. 6, a concurrent resolution expressing the sense of Congress that tax-exempt fraternal benefit societies have historically provided and continue to provide critical benefits to the people and communities of the United States.

S. RES. 61

At the request of Mr. MARKEY, the name of the Senator from Oregon (Mr. MERKLEY) was added as a cosponsor of S. Res. 61, a resolution expressing support for the continued value of arms control agreements and negotiated constraints on Russian and Chinese strategic nuclear forces.

S. RES. 68

At the request of Mr. KAINE, the name of the Senator from Oregon (Mr. MERKLEY) was added as a cosponsor of S. Res. 68, a resolution expressing the sense of the Senate that the United States shall not deploy United States military assets or personnel to Gaza for purposes of “taking over” Gaza.

STATEMENTS ON INTRODUCED BILLS AND JOINT RESOLUTIONS

Mr. THUNE (for himself and Mr. WARNOCK):

S. 507. A bill to enhance the participation of precision agriculture in the United States, and for other purposes; to the Committee on Agriculture, Nutrition, and Forestry.

Mr. THUNE. Mr. President, I ask unanimous consent that the text of the bill be printed in the RECORD.

There being no objection, the text of the bill was ordered to be printed in the RECORD, as follows:

S. 507

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE.

This Act may be cited as the “Promoting Precision Agriculture Act of 2025”.

SEC. 2. DEFINITIONS.

In this Act:

(1) **ADVANCED WIRELESS COMMUNICATIONS TECHNOLOGY.**—The term “advanced wireless communications technology” means advanced technology that contributes to mobile (5G or beyond) networks, next-generation Wi-Fi networks, or other future networks using other technologies, regardless of whether the network is operating on an exclusive licensed, shared licensed, or unlicensed frequency band.

(2) **ARTIFICIAL INTELLIGENCE.**—The term “artificial intelligence” has the meaning given the term in section 238(g) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Public Law 115-232; 10 U.S.C. note prec. 4061).

(3) **FOREIGN ADVERSARY.**—The term “foreign adversary” means any foreign government or foreign nongovernment person engaged in a long-term pattern or serious instances of conduct significantly adverse to the national security of the United States, or security and safety of United States persons.

(4) **PRECISION AGRICULTURE.**—The term “precision agriculture” means managing, tracking, or reducing crop or livestock production inputs, including seed, feed, fertilizer, chemicals, water, time, and such other inputs as the Secretary determines to be appropriate, at a heightened level of spatial and temporal granularity to improve efficiencies, reduce waste, and maintain environmental quality.

(5) **PRECISION AGRICULTURE EQUIPMENT.**—The term “precision agriculture equipment” means any equipment or technology that directly contributes to a reduction in, or improved efficiency of, inputs used in crop or livestock production, including—

- (A) global positioning system-based or geospatial mapping;
- (B) satellite or aerial imagery;
- (C) yield monitors;
- (D) soil mapping;
- (E) sensors for gathering data on crop, soil, and livestock conditions;
- (F) Internet of Things and technology that relies on edge and cloud computing;
- (G) data management software and advanced analytics;
- (H) network connectivity products and solutions, including public and private wireless networks;
- (I) global positioning system guidance, auto-steer systems, autonomous fleet, and other machine-to-machine operations;
- (J) variable rate technology for applying inputs, such as section control; and
- (K) any other technology that leads to a reduction in, or improves efficiency of, crop

and livestock production inputs, which may include—

- (i) seed;
- (ii) feed;
- (iii) fertilizer;
- (iv) chemicals;
- (v) water;
- (vi) time;
- (vii) fuel;
- (viii) emissions; and
- (ix) such other inputs as the Secretary determines to be appropriate.

(6) **SECRETARY.**—The term “Secretary” means the Secretary of Agriculture.

(7) **TRUSTED.**—The term “trusted” means, with respect to a provider of advanced communications service or a supplier of communications equipment or service, that the Secretary has determined that the provider or supplier is not owned by, controlled by, or subject to the influence of, a foreign adversary.

(8) **VOLUNTARY CONSENSUS STANDARDS DEVELOPMENT ORGANIZATION.**—The term “voluntary consensus standards development organization” means an organization that develops standards in a process that meets the principles for the development of voluntary consensus standards (as defined in the document of the Office of Management and Budget entitled “Federal Participation in the Development and Use of Voluntary Consensus Standards and in Conformity Assessment Activities” (OMB Circular A-119)).

SEC. 3. PURPOSES.

The purposes of this Act are—

- (1) to enhance the participation of precision agriculture in the United States; and
- (2) to promote United States leadership in voluntary consensus standards development organizations that set standards for precision agriculture.

SEC. 4. INTERCONNECTIVITY STANDARDS FOR PRECISION AGRICULTURE.

(a) **IN GENERAL.**—Not later than 2 years after the date of enactment of this Act, the Secretary, in consultation with the Director of the National Institute of Standards and Technology and the Federal Communications Commission, shall—

- (1) develop voluntary, consensus-based, private sector-led interconnectivity standards, guidelines, and best practices for precision agriculture that will promote economies of scale and ease the burden of the adoption of precision agriculture; and
- (2) in carrying out paragraph (1)—

(A) coordinate with relevant public and trusted private sector stakeholders and other relevant industry organizations, including voluntary consensus standards development organizations; and

(B) consult with sector-specific agencies, other appropriate agencies, and State and local governments.

(b) **CONSIDERATIONS.**—The Secretary, in carrying out subsection (a), shall, in consultation with the Director of the National Institute of Standards and Technology and the Federal Communications Commission, consider—

- (1) the evolving demands of precision agriculture;
- (2) the connectivity needs of precision agriculture equipment;
- (3) the cybersecurity challenges facing precision agriculture, including cybersecurity threats for agriculture producers and agriculture supply chains;
- (4) the impact of advanced wireless communications technology on precision agriculture; and
- (5) the impact of artificial intelligence on precision agriculture.

SEC. 5. GAO ASSESSMENT OF PRECISION AGRICULTURE STANDARDS.

(a) **STUDY.**—Not later than 1 year after the Secretary develops standards under section