

## S 4413

Synthetic Biology Advancement Act of 2024

**Congress:** 118 (2023–2025, Ended)

**Chamber:** Senate

**Policy Area:** Agriculture and Food

**Introduced:** May 23, 2024

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

**Latest Action:** Read twice and referred to the Committee on Agriculture, Nutrition, and Forestry. (May 23, 2024)

**Official Text:** <https://www.congress.gov/bill/118th-congress/senate-bill/4413>

### Sponsor

**Name:** Sen. Young, Todd [R-IN]

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

### Cosponsors (1 total)

Cosponsor	Party / State	Role	Date Joined
Sen. Padilla, Alex [D-CA]	D · CA		May 23, 2024

### Committee Activity

Committee	Chamber	Activity	Date
Agriculture, Nutrition, and Forestry Committee	Senate	Referred To	May 23, 2024

### Subjects & Policy Tags

#### Policy Area:

Agriculture and Food

### Related Bills

*No related bills are listed.*

## **Synthetic Biology Advancement Act of 2024**

This bill directs the Department of Agriculture to establish the National Synthetic Biology Center. The purpose of the center is to provide a hub for researchers and U.S. industry partners to discover and develop science-based solutions based on synthetic biology to improve agricultural performance while (1) minimizing environmental impact, and (2) improving the overall resiliency of the food system.

The center must provide grants to certain land-grant universities to carry out projects in partnership with nonprofit organizations, state entities, national laboratories, or other land-grant universities. In awarding grants, the center must prioritize certain areas of research, including microbiomes or microbes, gene editing, digital agriculture, and controlled environment agriculture.

In addition, the center must establish and maintain a website with a user-friendly portal in order to disseminate synthetic biology findings and connect researchers and innovators.

## **Actions Timeline**

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- **May 23, 2024:** Introduced in Senate
- **May 23, 2024:** Read twice and referred to the Committee on Agriculture, Nutrition, and Forestry.