

Agricultural research projects impact wildlife in many ways.



- Developed new protocols, tools, and maps that help monitor **wild bees**, guiding conservation efforts (*University of California, Davis, Pennsylvania State University, Cornell University*).
- Identified forage and habitat features that support **wild bee** abundance and diversity (*Pennsylvania State University, Michigan State University, University of Wisconsin, Kansas State University*).
- Simulated the risks pesticides pose to **salmon** and measured the adverse effects of PFAS on **salamanders**. Data inform agrochemical mitigation strategies (*Oregon State University, Purdue University*).
- Explored ways to harness the natural chemicals plants emit to prevent and slow pest feeding, which could help farmers reduce use of pesticides that pose risks to **pollinators**.
- Created drones to humanely deter **birds** that eat and damage fruit crops (*Washington State University*).
- Determined the economic value of **wildlife-based recreation**, helping rationalize conservation efforts.
- Helped rural businesses boost sales by marketing to **birders** (*North Carolina State University*).
- Showed that visits to **wildlife refuges** increase environmental awareness, stewardship, and community connections, and **wildlife-based recreation** can improve veterans' mental health.

