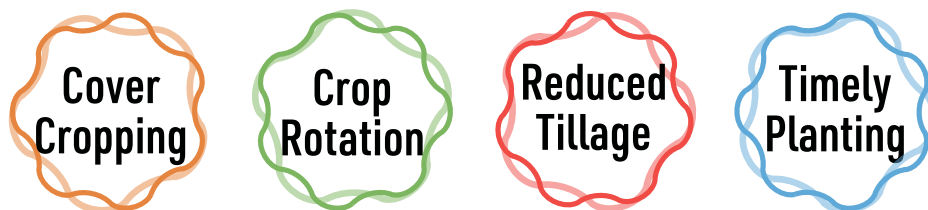


# Crop Protectants & Pesticides: *Ensuring Safe and Sustainable Farming*

Farmers face constant threats from weeds, pests, and diseases, which can significantly impact food production. According to the Food and Agriculture Organization, up to 40% of annual crop yields are lost due to these pressures—and losses could double without proper crop protection.

## The Role of Pesticides

Pesticides are an essential tool in modern agriculture, helping to reduce food waste and protect yields. They are used alongside other sustainable farming methods such as:



These integrated strategies ensure that farmers can produce safe, abundant food for a growing population.

## Pesticide Residue & Food Safety

Concerns about pesticide residues are common, but the facts are reassuring:

- The **Pesticide Data Program (PDP)** is the most comprehensive pesticide residue monitoring effort in the U.S.
- **More than 99%** of foods tested by the PDP have residues **below EPA-established safety limits**.<sup>1</sup>
- These findings are used to inform **regulatory decisions** and build **consumer confidence** in the safety of the food supply.

## Perspective Matters

According to the **Pesticide Residue Calculator**,<sup>2</sup> a woman could eat **453 servings of strawberries in one day**—even those with the highest USDA-recorded pesticide residue—and experience **no adverse effects**.

*“We use crop protectants to defend our crops from pests, diseases, and weeds. Each winter, we develop a crop protectant plan based on research, expert advice, and ongoing learning to protect both our crops and the land.”*

*– Dawn Scheier, U.S. soybean farmer*

Visit [sniglobal.org/us-grown-soy](https://sniglobal.org/us-grown-soy) for more science-based information and trusted resources on pesticides and GMOs.

### References

1. U.S. Department of Agriculture. Pesticide Data Program. <https://www.ams.usda.gov/datasets/pdp>.
2. Alliance for Food & Farming. <https://www.saferuitsandveggies.com/calculate/>.

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