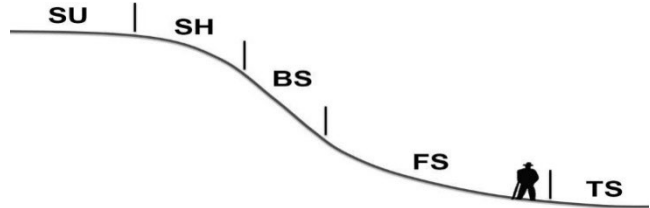


## 2025 Changes to the Cover Crop Cost Share Program

### Soil Sampling

- Sample soil to **6 inches** using a **soil probe, shovel, or trowel**. (No bulk density rings needed.)
- Sample by the **predominant soil series or landscape position**. If **multiple series or landscape positions split** the field **equally**, sample **each**.

Figure 1. A hillslope cross-section to depict the location of sampling in the soil landscape. (SU = Summit; SH = Shoulder slope; BS = Backslope; FS = Footslope; TS = Toeslope/Floodplain).



- Remove surface debris.
- If using a **soil probe**,
  - collect **15-20 cores** per sampling area following a **zigzag pattern**.
  - Insert probe vertically to **6 inches**.
- If using a **shovel or trowel**,
  - take **7-10 samples** between rows where there is **no tire track**.
  - dig a **square hole** that is **6" deep**. (Dig **7-10 holes** in the selected landscape position.)
  - cut a **1" slice of soil** from the top of the hole to the bottom on the **most vertical face** of the hole.
- Composite **subsamples by** placing all cores or soil slices into a **clean plastic bucket**.
- Thoroughly **mix** samples.
- **Remove** stones and plant materials. Fill a 1-gallon zippered bag with about **1 quart** of soil (1 pint for soil health; 1 pint for soil fertility).
- **Label** bag with **Field ID** and **GPS coordinates**.
- Fill out **appropriate sample submission form** ("Initial Samples or "Follow-up Samples")
- **Air dry wet samples** at **room temperature** by leaving bag open.
- After samples are dry, prepare them for shipping: **close** sample bags, choose a **sturdy box**, use **packing materials** to fill in around samples in the box.
- **Ship to:**  
Soil Health Assessment Center  
3600 New Haven Road  
University of Missouri  
Columbia, MO 65201

Reference "Soil Sampling Depth and Collection Techniques for Soil Fertility and Soil Health Testing"

### Results Reports

The reports will contain:

- **Soil fertility** results including **fertilizer recommendations**.
- **Soil health** results including explanations of tests and results.