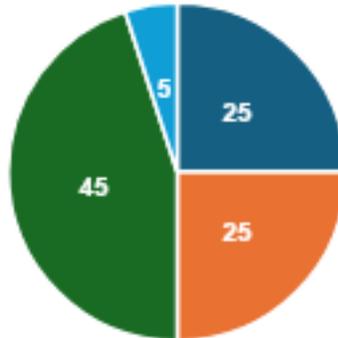


## Soil Fertility – Mvskoke Gardener Program 2025

- Fill in the pie chart with the correct soil components:

Soil Composition



- Soil is composed of \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_ textures.
- What is a loam?
- What soil texture is your soil sample?
- It is easy to alter soil texture. True or False?
- List 3 benefits of OM in soil.
- Why is soil water best described as a soil solution?
- Soil \_\_\_\_\_ are the ventilation system of soils.



- Phosphorus (P) is essential for plant \_\_\_\_\_.
- What does P deficiency look like?
- List 3 ways to manage P in soils.
  
- Potassium (K) is essential for \_\_\_\_\_ \_\_\_\_\_ in plants.
- What does K deficiency look like?
- List 3 ways to manage K in soils.
  
- What is the approximate range of soil pH within the Mvskoke reservation?
  
- Soil pH can be raised by \_\_\_\_\_. This is a slow process that raises soil pH over time.
- List 3 negative impacts of salty soils.
  
- What pH range is ideal for nutrient availability in soil?
  
- Describe 3 ways that earthworms impact soil.



