



Every crop wants a *different soil*

As land matures, its soil shifts from bacteria-led to fungi-led. Crops carry the same preference — find yours on the line.

Replenished Roots
Consulting

HEALTHY SOIL · HEALTHY PLANTS · HEALTHY PEOPLE

← MORE BACTERIAL

FUNGAL-TO-BACTERIAL RATIO

MORE FUNGAL →

STAGE I	STAGE II	STAGE III	STAGE IV
Disturbed ground	Vegetables & early grasses	Fruiting shrubs & vines	Orchards & tropical fruit
VERY BACTERIAL	MOSTLY BACTERIAL	LEANING FUNGAL	FUNGAL
Weeds, bare and freshly disturbed ground	Lettuce, leafy greens, root crops, tomato, pepper, squash, beans, basil	Blackberry, blueberry, passionfruit, perennial herbs	Citrus, mango, avocado, lychee, guava, sapodilla
SET BY YOUR SOIL TEST	0.4 – 0.6 : 1 sMApp target	SET BY YOUR SOIL TEST	SET BY YOUR SOIL TEST

Vegetable range: the sMApp target from the Soil Food Web School's lab app. The other stages have no published sMApp range, so we set them from your own soil test rather than borrow a number.

Healthy nutrient cycling

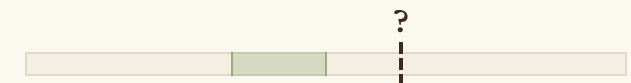
- Bacteria and fungi turn organic matter into living biomass; protozoa and beneficial nematodes graze it, releasing nutrients at the root.
- Nitrogen, phosphorus, potassium, calcium and trace minerals cycle close to the root.
- Crumb structure, air and moisture give the biology a home.
- The goal: a complete food web matched to the crop — not just “more microbes.”

Why it matters

- It tells you whether your soil suits the crop you want to grow.
- It shows whether soil is too bacterial, too fungal, or missing whole groups.
- It turns decisions about Bio-Complete Soil, extract and tea into decisions made from data.
- It gives you a baseline to measure every change against.

Where does *your* soil sit?

A microscopy test measures your fungal-to-bacterial ratio and reads it against the crop you are growing.



\$125

home garden
one sample

from \$225

farm & commercial
per sample