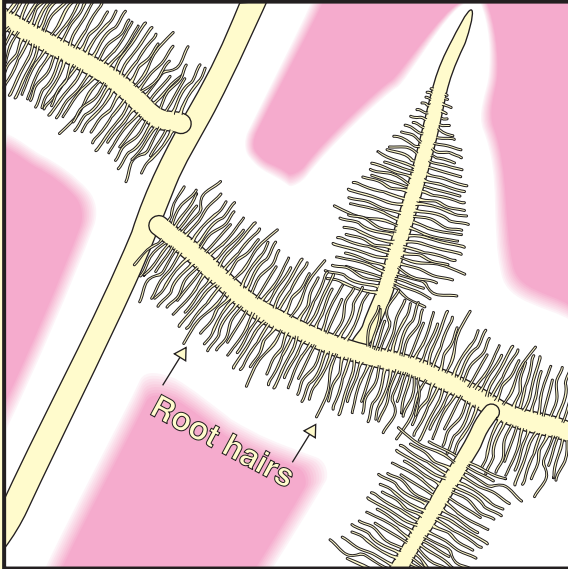


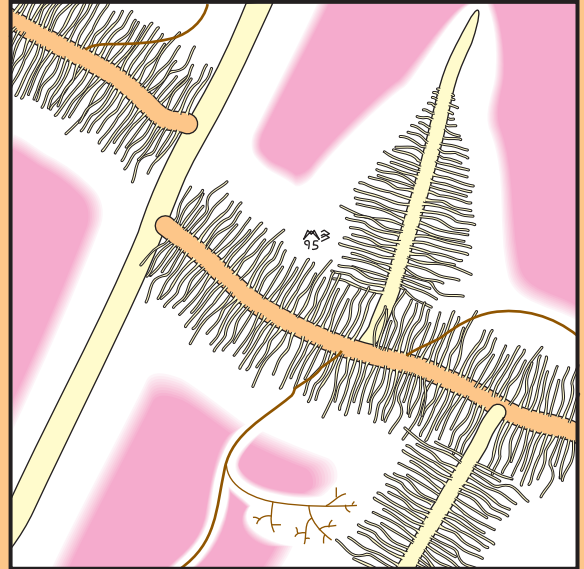
PHOSPHORUS UPTAKE BY ROOT HAIRS OR MYCORRHIZAL FUNGUS HYPHAE

A. Plant with a fine root system and long root hairs

No Mycorrhizal fungi

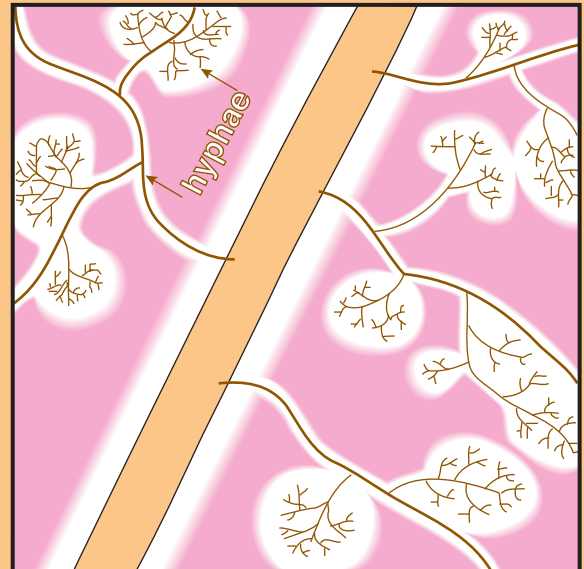
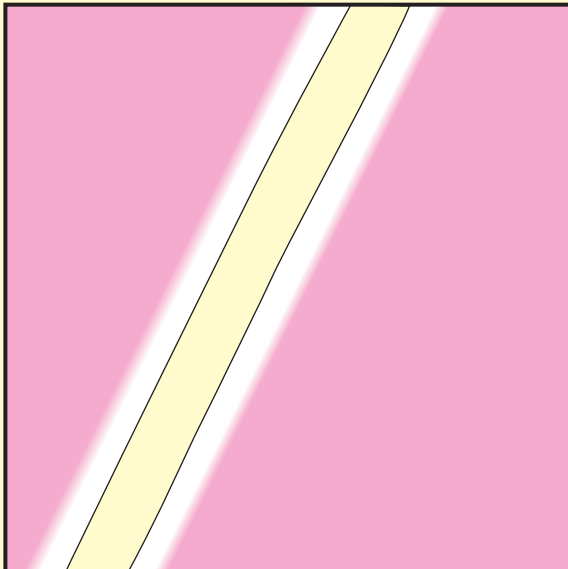


Mycorrhizas present



↓ Mycorrhizal benefit small ↓

B. Plant with a coarse root system without root hairs



↓ Mycorrhizal benefit large ↓

Available P
P depletion zone

Nonmycorrhizal roots
Roots with VAM