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

Mycorrhizal benefit large

B. Plant with a coarse root system without root hairs

Available P

Nonmycorrhizal roots

P depletion zone

Roots with VAM

Root hairs

Mycorrhizal benefit small

Mycorrhizal benefit large