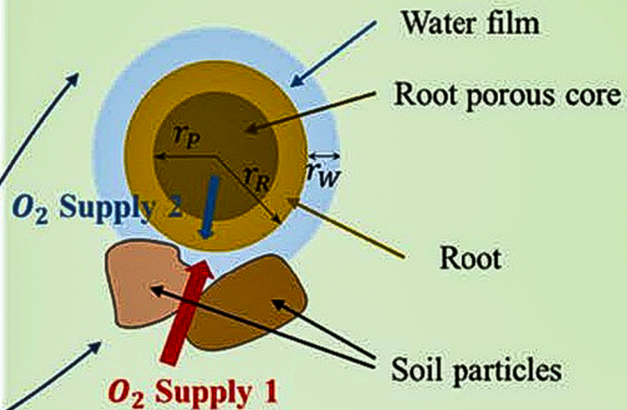


Plant oxygen uptake



O_2 Supply:

1. Oxygen diffusion from **surrounding soil** to root surface
2. Oxygen diffusion from **root porous core** to root surface

O_2 Demand:

Root respiration for root maintenance, growth, and nutrient uptake at the root surface