

# SOIL MANAGEMENT

## Diagnosis of Soil and Recommendations

### What We Do



Conduct physical and chemical tests on soil, soil mixes and sand



Develop reference database for plant nutrients

## Common Nutrient Deficiency Symptoms



### Nitrogen

Older leaves become pale, turn brown and die.



### Phosphorous

Stems, petioles and underside of the leaves turn purple, orange or red.



### Potassium

Tips of older leaves turn brown, with a "burnt" appearance at leaf tips and margins.



### Magnesium

There is chlorosis (paleness of leaves) between veins on older leaves, and leaves shrivel and drop.



### Iron

There is chlorosis between veins on young leaves.



### Boron

Tips of leaves gain a hook-like appearance.



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