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Primary nutrients: nitrogen, phosphorus, potassium.

Secondary nutrients: sulphur, calcium, magnesium.

Micro nutrients: boron, chlorine, manganese.

In soil nutrients, mobility in soil ranges from low to high/frequent testing required. Annual soil sampling is beneficial for some nutrients while less frequent sampling is acceptable for others.

Type of nutrients:
- Primary: nitrogen, phosphorus, potassium.
- Secondary: sulphur, calcium, magnesium.
- Micro: boron, chlorine, manganese.

Nitrogen: involved in carbohydrate metabolism and translocation of starches.

Phosphorus: used for photosynthesis.

Potassium: involved in carbohydrate metabolism and translocation of starches.

Sulphur: involved in photosynthesis.

Calcium: involved in photosynthesis.

Magnesium: involved in photosynthesis.

Boron: promotes fruit formation.

Chloride: increases water-use efficiency.

Iron: stimulates microbial activity.

Zinc: stimulates microbial activity.

Manganese: stimulates microbial activity.

Copper: stimulates microbial activity.

Nickel: stimulates microbial activity.

Sodium: stimulates microbial activity.

Potassium: promotes root formation and growth.

Manganese: promotes root formation and growth.

Zinc: increases disease resistance.

Iron: increases disease resistance.

Sulphur: increases disease resistance.

Calcium: promotes seed formation.

Phosphorus: promotes seed formation.

Magnesium: promotes seed formation.

Boron: facilitates enzyme activity.

Chloride: facilitates enzyme activity.

Iron: facilitates enzyme activity.

Zinc: facilitates enzyme activity.

Manganese: facilitates enzyme activity.

Copper: facilitates enzyme activity.

Nickel: facilitates enzyme activity.

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