

## Equilibrium guaranteed analysis and symptoms of deficiency

		Functions	Symptoms of Deficiency
<b>K (potassium)</b>	23.0%	cofactor functional in protein synthesis, osmosis, operation of stomata	chlorosis, necrosis (spots of dead tissue), weak stems and roots; older leaves more affected
<b>Ca (calcium)</b>	8.06%	essential to formation and stability of cell walls; maintenance of membrane structure and permeability; activates some enzymes	death of shoot and root tips; young leaves and shoots most affected
<b>Mg (magnesium)</b>	2.41%	key component of chlorophyll; enzyme activator	chlorosis of leaves; older leaves more affected
<b>Fe (iron)</b>	0.11%	involved in enzymatic electron transport and oxidation reduction reactions	chlorosis of tissue between veins; stems short and slender, affects young leaves
<b>Mn (manganese)</b>	0.06%	enzyme activator, involved in amino acid formation, essential for photolysis of water	chlorosis of young leaves, with smallest veins remaining green; necrosis between veins