

Citrus: Nutrient Deficiencies



Nitrogen: Grapefruit leaves with high (left), low (middle) and deficient (right) nitrogen concentrations. From T.W. Embleton.



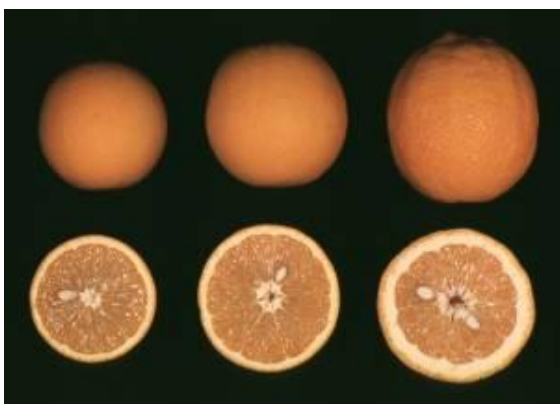
Nitrogen: Nitrogen deficient leaves from 25-year-old 'Marsh' grapefruit in Corona, Calif. From W.P. Bitters.



Nitrogen: Nitrogen sufficient (left) and deficient lemon leaves (right). From T.W. Embleton.



Phosphorus: Phosphorus deficient lemon leaves. From T.W. Embleton.



Phosphorus: 'Valencia' fruit from trees having leaf phosphorus concentrations that are in excess (0.18% P), normal (0.13%-0.14% P), and deficient (0.11%-0.12% P, note rough peel). From T.W. Embleton.



Potassium: Potassium deficient grapefruit leaves. From T.W. Embleton.