

Avocado Nutritional Norms:

	Leaf	Soil	Fruit (1 month before minimum maturity)
Nitrogen (N)	1.7 – 1.9 % (Fuerte) 1.9 – 2.2 % (other) 2.2 – 2.4 % (Hass) 2.6 % (young trees prior to production, Southern Cape Hass and Lamb Hass)		< 1.0 % (Feb) < 1.5 % (Nov)
Phosphate (P)	0.1 / 0.12 – 0.20 %	8 – 27 (Resin) / 14 – 46 (Ambic) / 18 – 60 (Bray 1)	
Potassium (K)	0.75 – 1.0 / 1.15 %	Sand 70 – 250 clay	
Calcium (Ca)	1.2 – 2.0 %	500 – 2000 ppm	> 0.05 % (Feb) > 0.15 % (Nov)
Magnesium (Mg)	0.5 – 0.6 %	200 – 400 ppm	
Sulphur (S)	0.2 – 0.4 %		
Zinc (Zn)	40 – 100 ppm	5 – 20 ppm	> 50 ppm (Feb) > 30 ppm (Nov)
Copper (Cu)	5 – 15 ppm	3 – 10 ppm (< 8)	
Sodium (Na)	< 15 ppm	< 50 ppm	
Chloride (Cl)	0.3 – 0.5 %		
Iron (Fe)	75 / 100 – 150 ppm	4 – 20 ppm	> 60 ppm (Feb) > 40 ppm (Nov)
Boron (B)	40 – 80 ppm	Sand 0.25 – 12 clay	
Manganese (Mn)	75 – 250 ppm	6 – 40 ppm	
Aluminium (Al)		< 30 ppm	
Silica (Si)			
Molybdenum (Mo)	0.75 – 1.5 ppm		
Nickel (Ni)			
Selenium (Se)			
Organic matter			
Resistance		> 800 / 1000 ohms	
pH (H ₂ O / KCl/CaCl ₂)		6.0 – 6.5 / 5.0 – 5.5	

1 % = 10 g / kg

1 ppm = 0.01 %

1 ppm = 1 mg / kg

Updated 25 November 2024