

Fruit Production Recommendations 2010-2011

Ontario Ministry of Agriculture, Food & Rural Affairs

Chapter 3: Soil Management, Fertilizer Use, Crop Nutrition and Cover Crops



Table 3-16. Magnesium soil test ratings and interpretation for all fruit crops

Soil Magnesium* (ppm Mg)	Rating	Recommendation
Below 20	HR	Magnesium (Mg) should be applied for all crops. If pH is below 6.5 apply dolomitic limestone. At higher pH values apply 30 kg soluble Mg/ha. Potash applications in excess of those recommended by soil test will increase the probability of magnesium deficiency.
20-39	MR	Magnesium is not required unless potassium soil test is above 250. If soil test K is above 250 and pH is below 6.5 apply dolomitic limestone. At higher pH values with K above 250, apply 30 kg soluble Mg/ha.
40-100	LR	If limestone is required use dolomitic.
100+	NR	If limestone is required either dolomitic or calcitic may be used.
<p>* 1 M ammonium acetate extract. HR = high response; MR = medium response; LR = low response; NR = no response to applied nutrient.</p>		

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