

Soil test guidelines for optimum dairy pasture production

In Tasmania : 0 – 7.5 cm depth soil samples

	Very low	Low	Optimum	High	Very high
	pH water				
All soils	4.5 – 5.0	5.1 – 5.5	5.6 – 7.0	7.1 – 7.3	
	Olsen P (mg/kg)*				
All soils	< 10	10 - 20	20 - 30	30 - 60	> 60 Excessive
	Sulfur (KCl-40) (mg/kg)				
All soils		< 8	8 - 16	16 - 32	> 32
	Colwell K (mg/kg)*				
Sand	< 70	70 – 120	121 - 170	170 – 230	> 230
Sandy loam	< 90	90 – 150	151 - 220	221 - 290	> 290
Sandy clay loam	< 100	100 – 150	151 - 220	221 – 300	> 300
Clay loam & clay	< 115	116 - 170	171 - 250	251 – 320	> 320

* Derived from Gourley CJP, Melland A, Water R, Awty ID, Smith A, Peverill K, Hannah M (2007) Making better fertiliser decisions for grazed pastures in Australia. Victorian Government, Department of Primary Industries, Melbourne (multiplied by 1.15 for depth adjustment)

