

**Kriteria Penilaian Sifat Kimia Tanah
(LPT, 1983)**

Sifat Tanah	Sangat Rendah	Rendah	Sedang	Tinggi	Sangat Tinggi	Satuan	
pH H ₂ O	<4.5 <i>sangat masam</i>	4.5 - 5.5 <i>masam</i>	5.5 - 6.5 <i>agak masam</i>	6.6 - 7.5 <i>netral</i>	7.6-8.5 <i>agak alkalis</i>	>8.5 <i>alkalis</i>	Rasio 1:1
C-org	<1.00	1.00 - 2.00	2.01 -3.00	3.01 - 5.00	>5.00	%	
N-Total	<0.10	0.10 - 0.20	0.21 -0.50	0.51 - 0.75	>0.75	%	
C/N	<5	5 - 10	11 - 15	16 - 25	>25	---	
P-Total (25% HCl)	<10 <4.4	10 - 20 4.4 - 8.8	21 - 40 9.2 - 17.5	41 - 60 17.9 - 26.2	>60 >26.2	mg.kg ⁻¹ P ₂ O ₅ mg.kg ⁻¹ P	
P-Bray-I	<10 <4.4	10 - 15 4.4 - 6.6	16 - 25 7.0 - 11.0	26 - 35 11.4 - 15.3	>35 >15.3	mg.kg ⁻¹ P ₂ O ₅ mg.kg ⁻¹ P	
P-Olsen	<10 <4.4	10 - 25 4.4 - 11.0	26 - 45 11.4-19.6	46 - 60 20.1- 26.2	>60 >26.2	mg.kg ⁻¹ P ₂ O ₅ mg.kg ⁻¹ P	
K-Total	<10 <8	10 - 20 8 - 17	21 - 40 18 - 33	41 - 60 34 - 50	>60 >50	mg.kg ⁻¹ K ₂ O mg.kg ⁻¹ K	
Kation-Kation Basa:							
• K	<0.1	0.1 - 0.2	0.3 - 0.5	0.6 - 1.0	>1.0	Cmol.Kg ⁻¹	
• Na	<0.1	0.1 - 0.3	0.4 - 0.7	0.8 - 1.0	>1.0	Cmol.Kg ⁻¹	
• Ca	<2	2 - 5	6 - 10	11 - 20	>20	Cmol.Kg ⁻¹	
• Mg	<0.4	0.4 - 1.0	1.1 - 2.0	2.1 - 8.0	>8.0	Cmol.Kg ⁻¹	
KTK	<5	5 - 16	17 - 24	25 - 40	>40	Cmol.Kg ⁻¹	
Kej. Al	<10	10 - 20	21 - 30	31 - 60	>60	%	
KB	<20	20 - 35	36 - 50	51 - 70	>70	%	
EC*)	---	<8	8 - 15	>15	---	MmHos.Cm ⁻² MS.Cm ⁻¹	
Sifat Tanah	Sangat Rendah	Rendah	Sedang	Tinggi	Sangat Tinggi	Satuan	

*) *Tambahan*