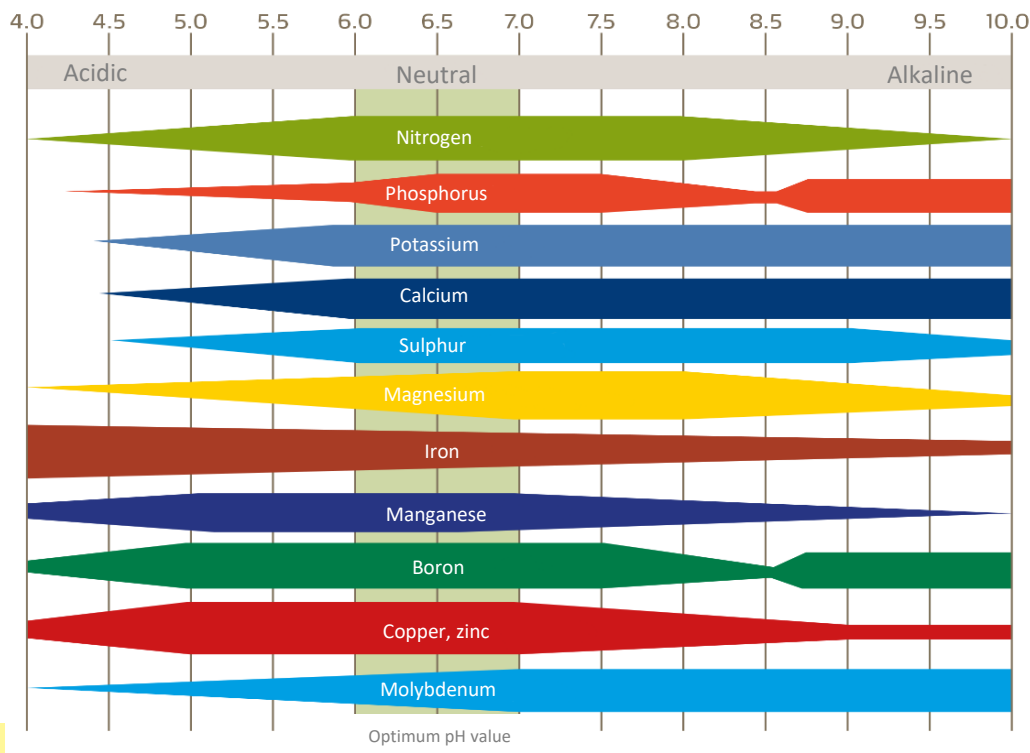# Measuring the pH value (neutral salt)

- Take a soil sample
- Sieve the soil and fill into the intended hole of the PEHAMETER
- Add indicator solution to the soil (4-5 drops) and mix
- Allow the soil / indicator solution mixture to react for 10 minutes
- Slightly tip the PEHAMETER and allow the liquid to flow through the channel
- Compare the colour of the solution with the colour on the scale, and determine the neutral salt pH value

pH value assessment (neutral salt)		
pH value	Description	Evaluation of the pH value
> 7.5	Alkaline	Determination of substances
7.5 - 6.5	NEUTRAL	Additional supplies limited
6.9 - 5.9	Weakly acidic	Optimal
5.5 - 4.5	Strongly acidic	Disintegration of silicates
< 4.5	Very strongly acidic	Breakdown

pH value (neutral salt)

Note: values obtained by using your own measurements and then comparing with the Table enclosed for the test can only be used as reference values! This means that this field method can be used as an indication for development trends, but does not replace laboratory analyses!

Tip: if inconsistent values are often obtained, the expertise of an appropriate soil scientist or agricultural consultant should be considered, as some values can be influenced in a natural way.

Tip: to obtain more information about the official liming objectives in your area or to fulfil the requirements for organic agriculture, please use the following contact:

Austria

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Source:

"Boden-Nährstoffe-Analytik" complied by Univ. Lek. DI Hans Unterfrauner 2017
www.bodenoekologie.com

pH value (neutral salt)