

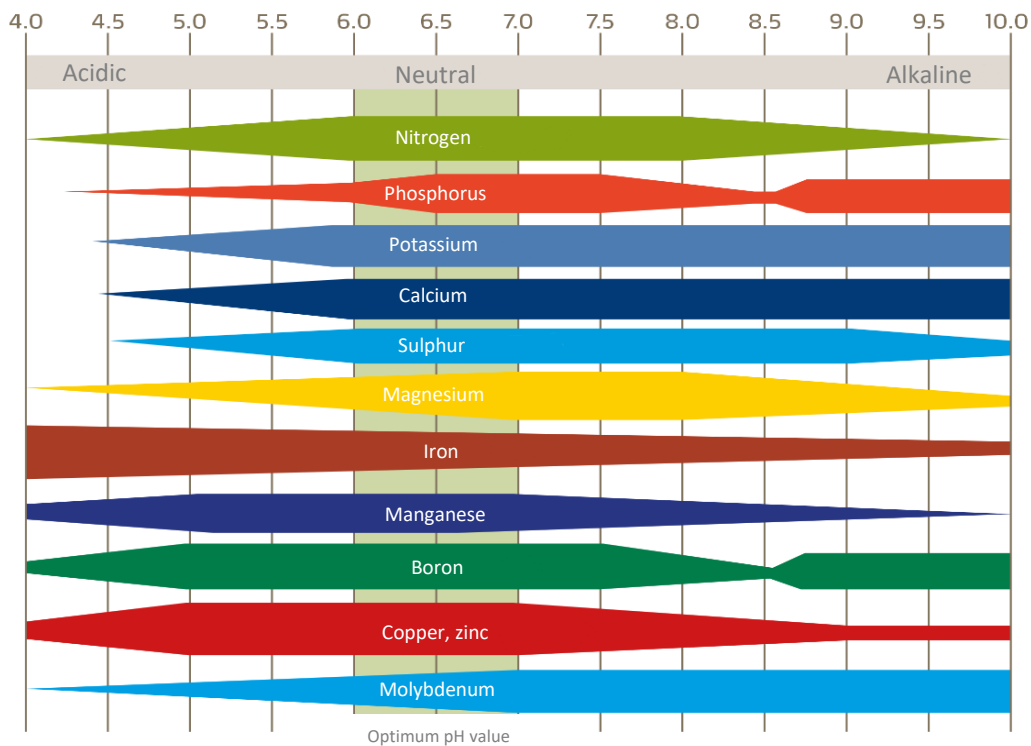
Measuring the pH value (soil water)

- Take a soil sample
- Sieve the soil and fill into the test tube
- Add distilled water approx. equivalent to 2.5 times the volume of soil
- Tip upside down for about 3 minutes (DO NOT SHAKE!), then put it down
- Hold the pH test strip in the clear liquid
- Compare the colour of the test strip with the colour scale



Evaluation of the pH value (soil water)

pH value	Description	Evaluation of the pH value
> 7.5	Alkaline	Limited biological activity
7.5 - 6.5	NEUTRAL	optimal
6.9 - 5.9	Weakly acidic	Limited biological activity
5.5 - 4.5	Strongly acidic	Strongly limited biological activity
< 4.5	Very strongly acidic	Hardly any biological activity



pH value (soil water)



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



p.A. AGES Österreichische Agentur für
Gesundheit und Ernährungssicherheit GmbH
Abteilung Bodengesundheit und
Pflanzenernährung
Spargelfeldstraße 191
1220 Wien
Austria
Telephone: +43 5 0555-34125
Fax: +43 5 0555-34101
E-mail: bodengesundheit@ages.at

Germany



Verband Deutscher Landwirtschaftlicher
Untersuchungs- u. Forschungsanstalten
(VDLUFA) e. V.
c/o LUFA Speyer
Obere Langgasse 40
67346 Speyer
Germany
Telephone: +49 6232-136-121
Fax: +49 6232-136-121
E-mail: info@VDLUFA.eu

Source:

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