



PCE Americas Inc.
711 Commerce Way
Suite 8
Jupiter
FL-33458
USA
From outside US: +1
Tel: (561) 320-9162
Fax: (561) 320-9176
info@pce-americas.com

PCE Instruments UK Ltd.
Units 12/13
Southpoint Business Park
Ensign way
Hampshire / Southampton
United Kingdom, SO31 4RF
From outside UK: +44
Tel: (0) 2380 98703 0
Fax: (0) 2380 98703 9
info@pce-instruments.com

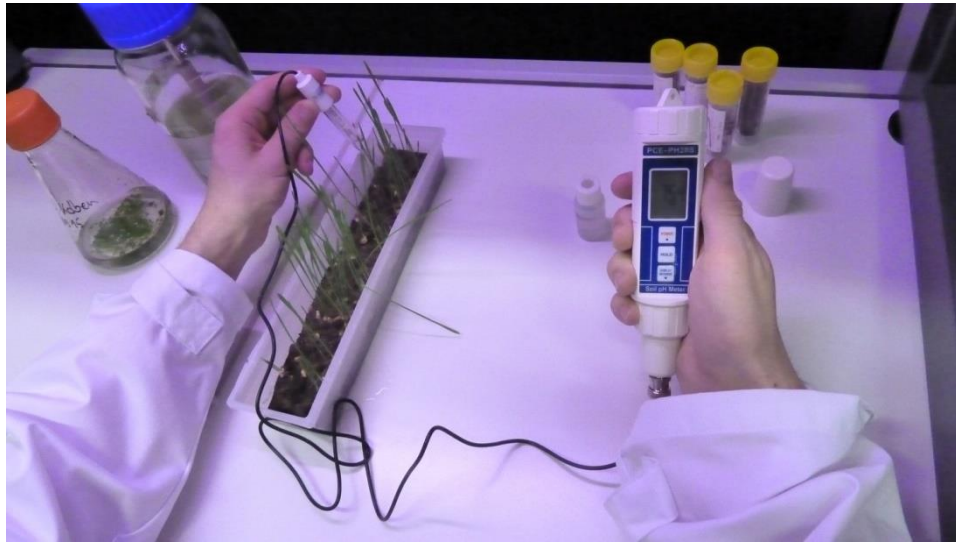
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Application report about soil pH-meter PCE-PH20S

A text by Johann Liebeton & Leon
Werner

Project: We carry out a youth research project, which deals generally with the phosphate sediment circulation and in particular with the phosphate recycling and reuse. Among other things, we performed an experiment on either the dried duckweed ("duckweed") could be suitable as a fertilizer. Since phosphates and other constituents of the fertilizer for plants are especially good and useful at the pH level of about 6, it is crucial for us to be able to determine the pH of soil simply and yet precisely. For this purpose we used the soil pH-meter PCE-PH20S of PCE Instruments

Application: The soil pH-meter PCE-PH20S is characterized by an easy handling, high accuracy, sufficient for our purposes, and a user-friendly calibration possibility. It was possible for us to quickly get used to using the pH-meter, and to work with it especially efficiently. It is also worth mentioning that the device powers off after some time of non-usage to save energy.



Picture: Use of the soil pH-meter in the school laboratory.

Conclusion: The pH-Meter PCE-PH20S of PCE Instruments has met our requirements and enabled us to conduct the soil pH measurements in a time-efficient way. As against to the usual school pH-strips the device has got an absolutely invaluable for our work accuracy.