

# NPK Basic App

*All our applications are based on our in-house developed soil database. For Poland we have developed an NPK Basic App which enables you to determine the soil fertility status for nitrogen (N), phosphorus (P), and potassium (K), as well as specific soil properties regarding soil acidity, temperature, and the organic carbon content. With a license for this app and the scanner you can manage your soil fertility and can monitor NPK real-time in the field for optimal crop development.*



## Why get the NPK Basic App?

Knowing the NPK levels and maintaining appropriate soil pH levels is crucial. It can have a significant impact on crop health and affects the availability of other nutrients for crop uptake. For example, Nitrogen plays a major role in the leaf development of the plant and color, Phosphorus is largely responsible for root formation, whilst Potassium (K) supports the general health of the plant. Nutrients are interrelated and the lack of one nutrient can affect availability of others for plants.

## How to use the NPK Basic App?

The NPK application is user-friendly and has an intuitive layout. Scanning the soil is a simple 10 minutes process that starts with connecting your smartphone with Soilcares Scanner via Bluetooth. After scanning the soil and entering crop and location data, the results will be available on your Android phone. Soil scanning can even be done without internet access; the results become available once you connect to the internet.

## What is the value of this app?

You get your Soil status and values presented on-screen with information on total Nitrogen, total Phosphorus, exchangeable Potassium, pH, CEC, soil temperature and organic carbon levels. Your results are always crop specific. In spring 2018, we will release the NPK Advance App showing the fertiliser recommendations based upon the local available fertilisers and crops.

## What is it for you?

With this NPK Basic App, for 1700 euro per year you get unlimited access to our service allowing you to build up all necessary information on soil and crop health any place, anywhere in Poland. All your data will be available on your phone and on the web portal.

