



TOPSOIL MAPPER
**Know
your soil**



GEOPROSPECTORS

VARIABLE CONTROL OF AGRICULTURAL MACHINERY IN REAL TIME AND AUTOMATED ANALYSIS OF SOIL STRUCTURES



AGRICULTURE FACES MANY DIFFERENT PROBLEMS EVERY DAY ...

Automating work

Increasing efficiency of work

Reducing erosion

Logging work stages

Saving fuel and resources

Increasing yield

Optimizing irrigation

Controlling sowing

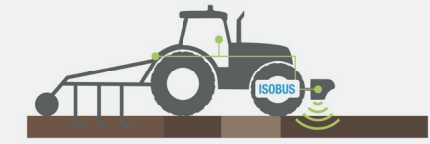
Applications



MAPPING

Contactless analysis of soil structures

Once installed on any towing vehicle, the Topsoil Mapper measures conductivity autonomously. The recorded data is used to create maps that show you i.e. soil parameters, compaction, soil type and water saturation.



CONTROL

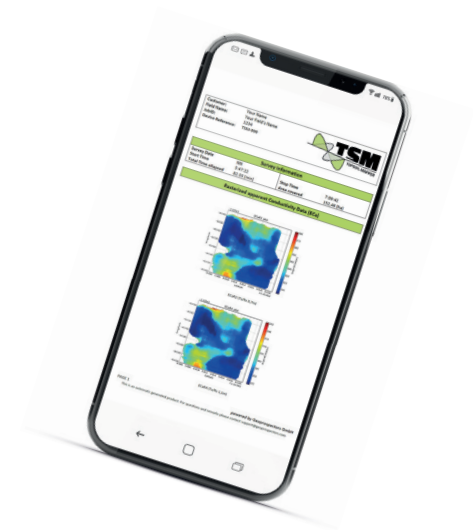
Variable control of agricultural machinery

As an alternative to recording data, soil information can be used to vary and control the machine process (tillage and sowing) in real time, combining two processes (recording and application) into a single step



Your benefits by using a Topsoil Mapper

- contactless soil mapping
- creation of soil zone maps
- understanding in-field variabilities
- soil compaction and relative water content maps of your fields
- on the go control of tillage and sowing machinery
- variable rate maps for tillage, sowing and fertilization
- optimal use of resources
- sustainable soil management



TSM Client Cloud

You can upload your recorded data directly on the field into the TSM Client Cloud and have it processed there automatically.

You will immediately receive a report by e-mail and can check the recorded data while still in the field.

The personalized TSM Client Cloud is available to our customers 24/7.

For further processing you can export your data into any common farm management software.

Our TSM experts look forward to hearing from you!

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Contact

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Know your soil

Geoprospectors is leading provider of non-destructive soil sensor technology in the field of precision agriculture as well as subsurface mapping. We use various geophysical technologies for our solutions in order to gain valuable information about the soil. The resulting knowledge can be applied to improve and automate agricultural processes as well as to evaluate and monitor subsurface installations.

We collaborate very closely with leading research institutions and develop marketable measurement systems. In turn, our partnership with well-known industrial companies in the field of traction and agricultural machinery guarantees the simple and standardized application of our systems on all commercially available machines.

Geoprospectors' systems have already been awarded several innovation prizes at renowned international trade fairs.

