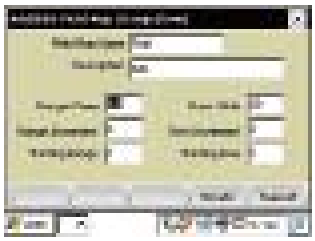
Field Research Software™ (FRS).

Developed in cooperation with plant breeders, FRS is a high-performance software for data collection and processing in field trials. FRS can be used in the field for note taking and on the harvester in combination with our mobile harvesting data systems. Special attention was paid to the user-friendliness of the software. The software runs on Windows XP, Mobile and CE, which will run on any standard PC, and on handheld devices such as the Allegro™. The software is additionally available in various languages.

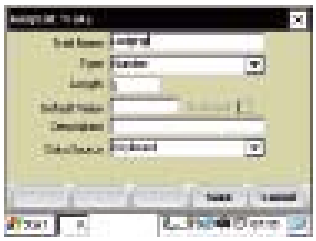
First steps with the software.
Start by selecting one of the following menu items:

- **Activity:** Choose to launch the note taking or harvesting module
- **Field folder:** Select an existing field plan
- Property template: Select the property template, i.e. you can select enterprise-specific characteristics such as e.g. weight, humidity and similar

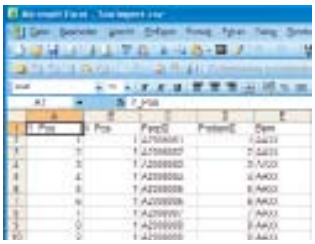
Preparation.
The first step is to create a field plan for the subsequent data collection. You can create the field plan directly in FRS, or easily import a field plan.



You can create your field plan in FRS. To do so, save a field folder under an intuitive name and define the number of plots and rows.



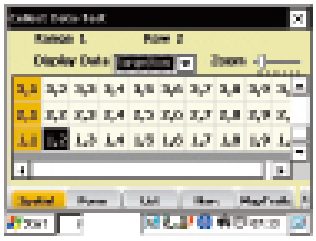
Enterprise specific characteristics can be created or imported as needed.

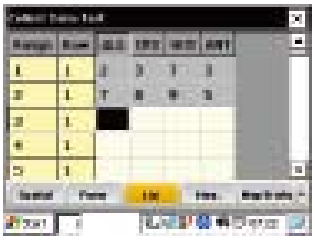


Of course, you can import field plans and previously defined characteristics.

Data collection in note taking mode.
The FRS note taking module is used to record observations in field trial plots.

Start by defining field navigation, that is, the move direction or shape.

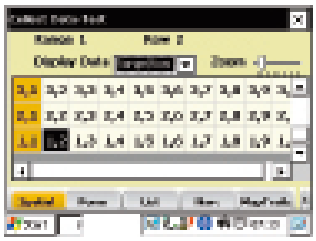


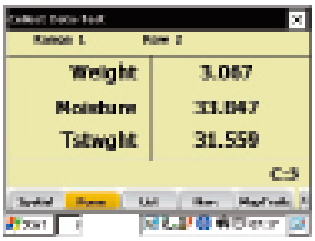


You can now record the values for the previously defined characteristics directly in the field plan. A visualization helps you identify plotstores that you have already recorded (orange) and those that you are currently logging (black).

Data collection in the harvest mode.
The FRS harvesting module is used to store measuring results in the field plan.

Start by defining field navigation, that is, the move direction or shape.





After each measurement the selected properties are recorded in the field plan. A visualization helps you identify plotstores that you have already recorded (orange) and those that you are currently logging (black).

Data export.
After collection, the data can be exported in CSV file format for ongoing processing. CSV is a neutral text format which can be read by any text editor.

The data formats are compatible with the following programs:

- Prism – Central Software Solutions
- Agrobase – Agronomix Sofware, Inc.
- ARM – Gylling Data Management Inc.
- PIAF