

Surround Test [®]

RR Services

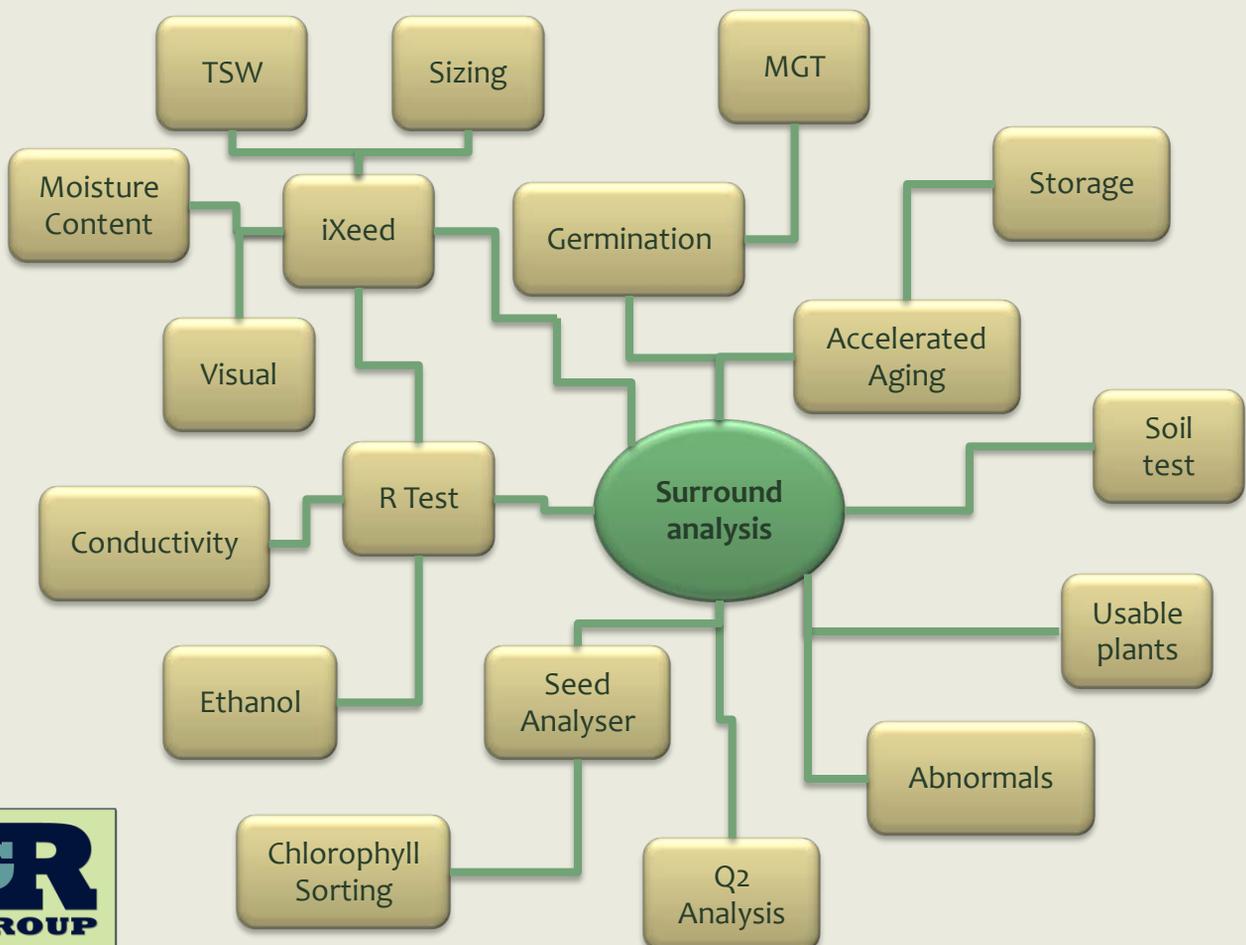


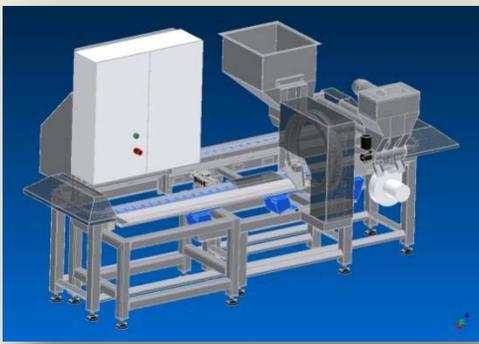
Standard Surround Test® (basic) Includes

Classical seed quality tests
Visual analysis of the sample
Mean Germination time
iXeed analysis
CF analysis (full)
Q2 analysis (max)
Ethanol test
Conductivity test
Aging & stress tests
Soil tests

Additional tests can be requested

X-ray test
EPOP test (oxygen ageing)
Chlorophyll sorting
R test (single seed leakage)
...





A new generation of seed quality assessment methods

During the last 5 years a multitude of new, advanced technologies have been developed and are reaching the market. Most of these technologies are single seed measurement technologies and are adding a complete new dimension on seed quality assessment.

The aim of this test is to find the best sorting system for upgrading the quality of your seeds.

Although certain quality control techniques are not directly related to their counterpart sorting system, they will provide very useful information in the causes of these quality defects.

MGT, accelerated ageing, and Q2 system does not have an immediate linked sorting tool, but they can give us the necessary information for finding the existing tools in sorting.

On the other hand, the other quality assessment tools do have an immediate counterpart in sorting and upgrading:

R test is linked to a very new sorting system called OptiSeed that will be commercial in 2011

The SeedAnalyzer is linked with the CF sorter that will become commercial begin 2011

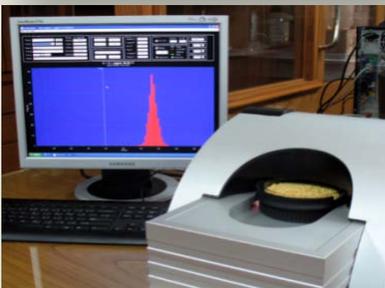
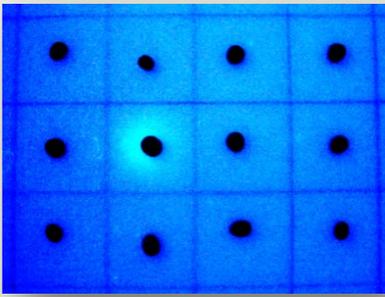
The iXeed sorting machine is already operational for cucumber, and RR would be glad to help you in developing the right protocols for 3n watermelon

Commercial X-ray sorting machines do exist and could be used if found useful.

Many other classical sorting systems such as the specific density table or grading systems could be used in a much better way, once we would have the right information or we could choose to go for a much finer specific density separating system such as the fluid density separator or a color sorter (visual or NIR area).

Many choices, but first we need to know why these seeds are not performing optimal, only then we can help you to make the right business decision with the biggest probability of success, and this without the need of a lot of luck but with knowledge combined with experience.





A complete analysis

A surround tests is analyzing all possible quality aspects of your sample. Thanks to these different tests we do get the full picture of your seed. And thus we will be able to assist you in analyzing, sorting and improving your seed quality in a guided and professional way.

Surround Tests ®

This group of advanced tests are giving us deeper insights in the different quality aspects of the seeds. Because most of them are also on a single seed base, they are revealing to us different methods for upgrading these seeds to desired standards.

Our seed lab in Thailand

Rung Rueng Consulting is based in Thailand. This facilitates the setup of a high quality seed lab, with a well trained staff and this for affordable prices.

Rung Rueng Consulting has these new, advanced technologies readily available and has skilled people for performing, analyzing and training tasks.

We can also take care of all the paperwork for importing these samples into Thailand and ensuring that this step will be fast and not creating any troubles.

Rhino Research Group

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