

# Seed Coating Application & Testing Services

## Dust Testing

Once seed has been coated with active ingredients it is helpful to know how effectively that seed treatment stays on the seed. Centor Oceania are able to test this for you using the Heubach Dustmeter. This can be achieved by using either; the standards set by the ESA, or by Centor Oceania's extended dust testing methodology.

The results will give a good indication of how well your seed treatment protocol is working.

## Flowability Testing

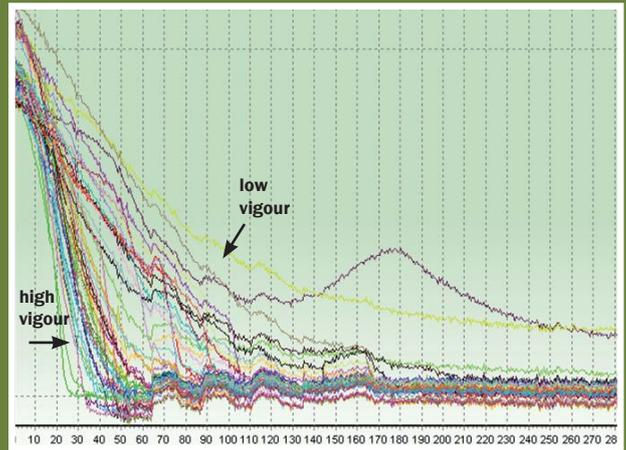
The flow of seed through equipment after treatment is important, particularly so when being used in planter boxes where bridging can be an issue, or seed drilling where skips or multiples cause issues.

Centor Oceania is able to test seed lots of just 1kg to measure differences in the flowability of the seed with different treatment, or different application rates of actives and/or polymers using our Lab Flowtek.



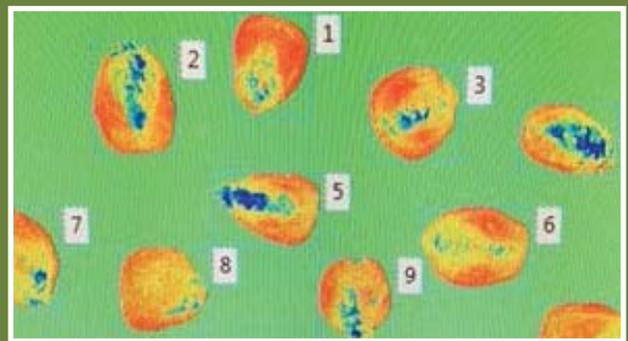
## Seed Vigour Testing

For those who want to understand their seeds vigour we can look at this quite quickly using a stress test based on oxygen consumption of the seed during germination. This can be important before applying seed coatings, such as pellets which may affect the subsequent germination, or for information on storage of seed lots, or determination of the need to upgrade seed where the distribution of vigour is wide. As this method gives data on a single seed basis as well as the cumulative average it is a very valuable method.



## Spectrographic Analysis

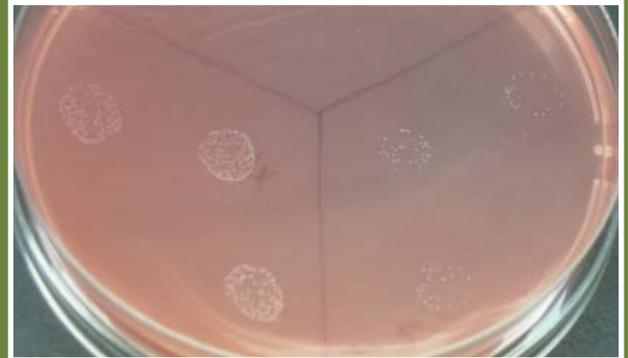
Looking at seed over a wide range of wavelengths from UV, through the visible spectrum to NIR, a great number of details can be studied. Surface colour and chemical composition allows detection of fusarium on barley, hydration of cut kernels, area of rootlets and coverage by polymer.



## Rhizobia Testing

For those applying rhizobia inoculant to seed, it may be difficult to tell how successful a treatment has been, or for seed that has been stored to know the longevity of the bacteria that was applied.

Centor Oceania can perform counts on treated seed to help you establish the approximate level of inoculation that is present at the time of testing.



Polymers, finishing powders and pelleting blends for all different types of seed coating are readily available from Centor Oceania, for more detailed information please get in touch with us or visit our website.

We are always happy to help and like to be challenged by the issues our customers face.



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