



incotec

the seed enhancement company

Part of Croda International Plc

# Dust-off test

using Heubach protocol



To protect the environment dust released from treated seeds needs to be controlled and monitored. Across Europe, restrictions and legislation to enforce this are on the increase along with the growing demand that free-floating dust is kept to a minimum.

The Heubach test helps control dust-off. Incotec's analytical lab has an official attest from SGS for performing the Heubach dust-off test. The attest is aligned with German and French protocols.



# Dust-off test

using Heubach protocol

Incotec's high quality analytical lab is fully equipped and qualified to perform the critical analytical Heubach test to help control dust-off.

## Test protocol

- Seeds are shipped under dust-minimizing conditions
- After 48 hours in a climate chamber, seeds are transferred to a specially designed room, with controlled temperature and humidity conditions, for testing
- Seeds are rotated in a drum at a specified speed while 40 litres of air flows through the drum
- Free-floating dust is trapped in a special filter which is weighed on a high-performance 5-digit balance before and after the analysis
- Following strict protocols, the entire procedure, which is performed at least in duplicate, is precisely described and recorded

## Ring testing

Incotec's quality ISO 9001 accredited lab has many years of experience in Heubach testing. The lab participates in ring tests with several European reference institutes including the French GERM-Services/FNPSMS. The valuable information we can provide will help you monitor and control dust release from your treated seeds in compliance with European legislation and responsible industry practices for the protection of the environment.

## Pesticide identification and quantification

Using the Heubach test we can also determine the extent to which the active ingredient is present in the dust. However, please note that the presence or absence of plant protection products in the dust has no influence on the maximum level of dust release permitted by the authorities.

## Shipping made easy

Our lab has been accredited the Exemption 2008/61/EG status, which means that no phytosanitary certificates are required. We will provide shipping instructions.

For more information on our services and pricing email [IAL.analyticalservices@incotec.com](mailto:IAL.analyticalservices@incotec.com).

