

TECHNICAL BULLETIN

CUSTOM SEED TREATING SERVICES



What is Custom Seed Treating Services?

Germination of a seed lot is the most important indicator of overall seed quality. However, germination results do not quantify seed-borne diseases or growth under cool conditions.

There are numerous benefits to treating your seed, including defence against soil borne pathogens and reduction of seed borne pathogen colonization.

In the lab, we have built custom treating services on-site and stocked our shelves with the most recently launched seed treatments, including nutrient enhancements. To evaluate the product's effectiveness, we have capabilities to treat your seed, and conduct comparative testing against the bare submitted sample.

How to submit samples

- Follow proper sampling procedures to build a representative sample.
- Package 500 grams into a sample bag.
- Indicate the seed treatment we are to custom apply to your sample.
- Choose the tests to conduct. The most common would be Germination, Cool Stress Test, Fungal Scan.
- Submit the sample to one of our Canadian laboratories. Numerous options are available for delivery of the sample.
 - Courier
 - Sample drop off during business hours or after hours (in our drop box)

What tests does SGS BioVision advise for Custom Treating?

- For cereals and pulses, we recommend comparative seed testing services for the below.
- **GERMINATION:** Quantitative analysis under ideal growing conditions based on CFIA's Methods and Procedures for Testing Seed.
- **COOL STRESS TEST:** Quantitative analysis of vigorous and non-vigorous seedlings under cool growing temperatures
- **FUNGAL SCAN:** Quantitative analysis of seed borne pathogens such as Fusarium, Root Rot, Ascochyta, Anthracnose and many others.



Learn more about Custom Seed Treating Services and our other services at biovision.ca.

