

# Seed Services Division

***SRD Seed Services  
Division***

*corn  
soybean  
cotton  
rice  
cereals  
vegetables  
sorghum  
sunflowers  
alfalfa*

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## **Seed Treatment**



Our seed treatment laboratory is located in a self-contained laboratory designed for chemical applications. The area is equipped with a chemical grade fume hood and has 100% air exchange preventing re-circulation of inside air. SRD utilizes a Spectracota™ R-12 Rotary Batch Lab Treater. It is designed to fulfill multipurpose functions from coating and pelleting to film coating and seed treatment. It simulates commercial roto-stat designs and has the capability of atomization.

## **Seed Germination and Storability Studies**



SRD's Seed Germination Laboratory has the capability for Standard Warm Germination conducted according to the AOSA Rules for Testing Seed. Normal, abnormal seedlings and dead seed percentages are reported. Cold germination and stress tests can also be conducted. Storability studies include the affect of seed treatments (fungicides, insecticides, coatings, polymers, micro-nutrients, dyes and colorants, biologicals and inoculants) on germination, dust-off, and plantability of a wide range of crop seeds for both short and long term storability studies. We can apply the treatments at our seed treating laboratory or we can accommodate pretreated studies.

## **Other Services**

Dust Off is a measurement of dust or seed treatments which flake from raw seed. We can measure and evaluate various seed coatings, polymers, fungicide and other seed treatment formulations.

Plantability. Meter Max made by Precision Planting is designed to measure the accuracy of the finger pickup and vacuum planting units. We use it to detect differences in flowability and seed placement ("skips" and "twins") between various seed treatments.

Good Laboratory Practices. Stoneville R & D, Inc has been conducting studies under EPA's Good Laboratory Practices (GLP) Guidelines for over 20 years. Our commitment to quality GLP work extends to our seed services division as well.