



EXPERTISE



TRUST

RIB TESTING SOLUTIONS

MAKING THE DIFFERENCE

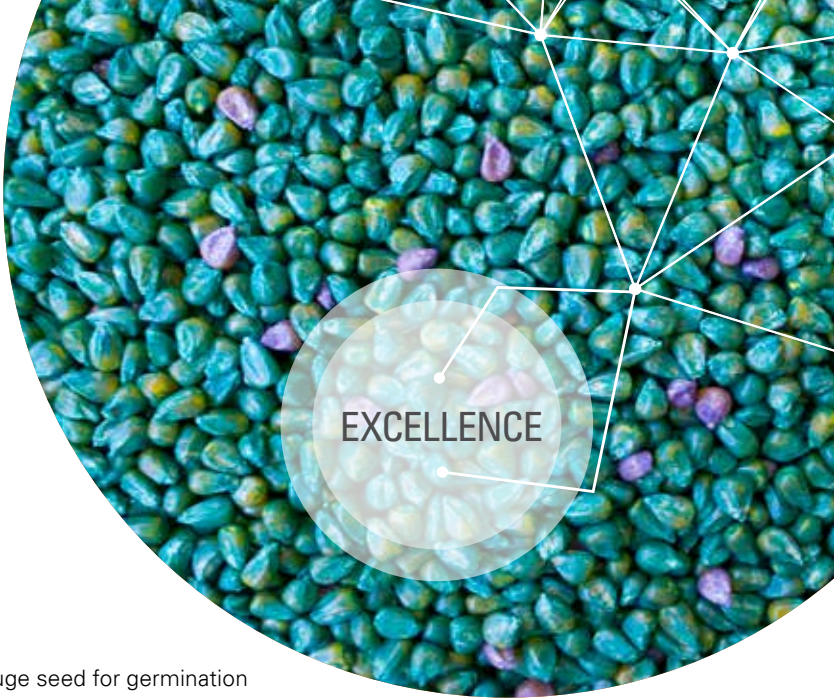
ENSURE QUALITY WHILE SAVING VALUABLE TIME



QUALITY



While blended Refuge in a Bag (RIB) seed corn has had significant impact on farmers due to a simplified planting process, it has presented challenges to seed production companies. Once again, seed producers have looked to SGS to help find solutions for both 'Refuge In' and 'Refuge Out' seed testing.



SGS TESTS IN ACCORDANCE WITH AOSA RULES

By working together with seed producers and their requirements, SGS developed testing options in accordance with AOSA rules that meet the needs of the seed corn industry.

“REFUGE IN” TESTING OPTIONS

- Refuge seed for “Refuge In” always remains part of a representative submitted seed sample.
- Refuge is not separated from the major component. Warm testing is accomplished in a major/refuge seed blend (Germ-Major Plus).
- Additional seed testing threshold can be determined using Seed Calc when refuge germination drops below a specified level.

“REFUGE OUT” TESTING OPTIONS

- Refuge seed for “Refuge Out” testing is removed from the primary component of the submitted sample prior to planting and planted separately along with the primary component.

- Removing refuge seed for germination creates two important points of information: germination result of major component and germination result of refuge component (Germ-Major and Germ-Refuge).
- Additional information is provided by being able to track viability of each component and determining if any problems exist.

COLD ROOM SEED STORAGE AVAILABLE

In addition to seed testing, SGS provides storage for both “Refuge Out” and “Refuge In” seed samples. A climate-controlled cold room keeps seed safe from degradation.

TECHNOLOGY AND INNOVATION

Innovation is at the heart of our business. New technologies deliver knowledge, insight, transparency and efficiency for our customers.

SGS Brookings: Our purpose-built agriculture and food laboratory has extensive testing capabilities, the latest in automation and analysis equipment, seven germination rooms, dedicated areas for high-risk testing, and a centralized sample receiving area.

SGS BENEFITS

SGS has more than 130 years of experience in the ag sector and possesses the expertise necessary to deliver innovative solutions. SGS is recognized as the global benchmark for quality and integrity. With more than 95,000 employees, SGS operates a network of over 2,400 offices and laboratories around the world.

- ISO 17025 Accredited, ISO 9001 Certified
- State of the art technology
- Rapid turnaround time

RIB TESTING OPTIONS	
GERM-MAJOR	Warm germination test for RIB corn testing 400 seeds. Tests major hybrid seed component. Includes Official Germination & RIB separation fee.
GERM-REFUGE	Warm germination for RIB corn testing 200 seeds. Tests minor/refuge hybrid seed component. Includes Official Germination & RIB separation fee. Formerly called “Ref Germ” and abbreviated as RG.
GERM-MAJOR PLUS	Warm germination test for RIB corn hybrids, 400 seed major component for germination and also tests unofficial germination on minor/refuge (10-30 seed) component. Includes Germination & RIB separation fee.
COLD BLENDED	200 seed vigor test conducted on RIB sample (blended).

CONTACT US

- SGS BROOKINGS**
1405 32nd Avenue
Brookings, SD 57006, USA
- +1 605 692 7611
- us.seedinfo@sgs.com
- www.sgs.com/us-seed
- [SGS Agriculture & Food](#)

WHEN YOU NEED TO BE SURE

