



A CASE FOR SUPPORT:

OKLAHOMA FOUNDATION SEED STOCKS



THE FUTURE OF OKLAHOMA FOUNDATION SEED STOCKS

In the United States, there are more than 50 million acres of wheat being produced, most of which is harvested in the heartland. As demand increases, so does the need for programs like the Oklahoma Foundation Seed Stocks within the Division of Agricultural Sciences and Natural Resources at OSU, which provides farmers across the region with new and improved seed varieties to create more efficient, higher yielding crops. Foundation Seed is the vital link between OSU's award-winning plant breeders and a large and growing network of certified dealers in Oklahoma, Texas and Kansas. Foundation Seed products and services help keep Oklahoma's agricultural economy strong.

Oklahoma Foundation Seed Stocks doubled its annual production of Foundation-class seed over the last ten years to meet the increased demand for the latest high-performance wheat, peanut and



grass varieties. The new \$3.7 million facility will accommodate greater industry demand for better genetics and distribution of the innovative products created at Oklahoma State.

The new building complex includes a warehouse, seed cleaning facility, cold room, machinery shed and offices. At more than 20,000 square feet, it is approximately twice as large as the previous Foundation Seed complex.

“Foundation Seed products and services provide the critical bridge between agricultural research and commercial practice. Without this connection, inventions in the form of new plant varieties would lack the necessary startup production and quality control to reach and impact the public. Scale-up alone is not enough; genetic purity must be controlled throughout the lifespan of a plant variety invention to preserve its unique qualities. Investing in Oklahoma Foundation Seed Stocks today ensures that research gets across that bridge tomorrow.”



Dr. Brett Carver, OSU Regents Professor, Wheat Genetics Chair in Agriculture



The new facility for the Oklahoma Foundation Seed Stocks has adequate warehouse room and administrative space to accommodate the growing demand for improved plant genetics.

- Since 1950, Oklahoma Foundation Seed Stocks has been linking plant breeders and certified seed growers.
- Foundation Seed offers improved genetics for several crops important to Oklahomans, including barley, peanut, soybean, wheat, alfalfa, rye and oat varieties.
- The volume of seed produced, cleaned and distributed by Foundation Seed has more than doubled during the past 10 years.
- Thanks to increased coordination between Foundation Seed and OSU's Wheat Improvement Team, there is ample availability of new seed for growers. Currently, when new varieties are released, more than 10,000 bushels are typically available, up dramatically from just a few years ago.
- Peanut seed sales have increased in the past several years. OLe' is distributed by Foundation Seed and is one of the top Spanish varieties grown in the Southwest.
- New seed processing equipment will allow Foundation Seed to more than triple its current capacity.

Support for this project has come from many of our friends in Oklahoma agriculture and related industries. The Oklahoma Agricultural Experiment Station committed more than \$2 million of the \$3.7 million required for this project.

There are many ways for you to still get involved in this important project. Naming opportunities are currently available and funding for equipment is needed. Join us as we prepare for our future.

FOR MORE INFORMATION, PLEASE CONTACT:

Heidi Griswold

office: 405.385.5656 | cell: 405.332.3370
 hgriswold@OSUgiving.com
 www.ofss.okstate.edu



400 South Monroe | Stillwater, OK 74074 | 800.622.4678 | OSUgiving.com | info@OSUgiving.com

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