



Capabilities



Full-Scale Gin



The U. S. Cotton Ginning Research Unit was established at Stoneville in 1928 as the flagship for cotton ginning research. With over 20 patents and 450 publications in the last 20 years, the Research Unit has met the immediate and long term goals of the ginning industry. Its staff of 4 scientists and 11 support personnel utilize four ginning systems including the world's only glass-sided, climate-controlled, versatile, and computerized small-scale gin, to meet the needs of the ginning industry.



MicroGin

Electronics Lab Machine Shop



Improving existing methodologies, developing new technologies, and transferring technology are the cornerstone of the research program. By staying on the cutting edge of the industry's changing technology, the Cotton Ginning Research Unit has been a major source of technology available to the public and private sectors.

Electrical Shop Sheet Metal Shop



Full Bale & Small Sample

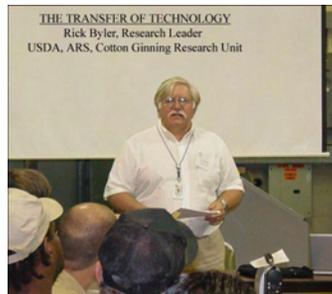


Fiber Quality Lab



Environmental Conditioning Chambers

Technology transfer plays a key role in the maximizing research investments. The 100 million bales of cotton produced annually in the world benefit from the ginning technology. In addition to the Cotton Ginners Handbook, training schools have been held annually since 1985 in conjunction with public and private organizations to ensure that ginners are well trained and focused on producing quality cotton at a reasonable price for the consumers. Over 5,000 gin personnel have been trained at the Stoneville Gin School.



Annual Gin School



USDA/ARS Cotton Ginning Research Unit



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http://www.ars.usda.gov/main/site_main.htm?modecode=64-02-30-00

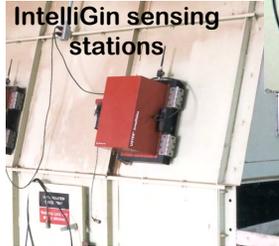
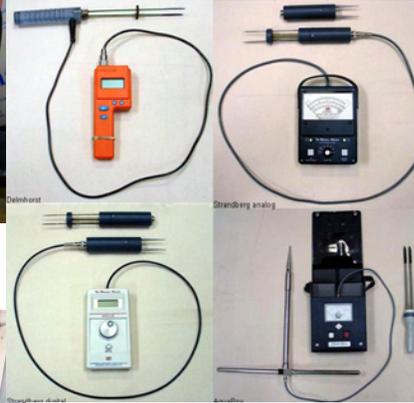
Goals



Adapt ginning to changing cotton varieties, production practices, and textile mill needs



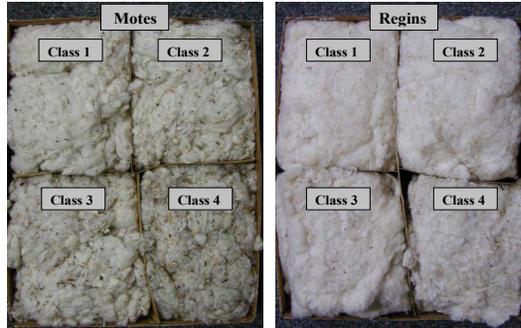
Improve sensing and control systems for cotton ginning



Develop new and refine existing cotton ginning equipment



Improve noise, dust, and energy impact in gins and improve by-product utilization



Cooperators

The collage features several logos and promotional materials:

- Cotton**: A simple logo with a cotton plant.
- LouverMax**: A logo for a lint cleaning system with the slogan "Get The MAX Out Of Your Cotton!".
- EagleEye**: A logo for a lint cleaning system.
- GINGCREASED profits!**: A large, stylized logo for a lint cleaning system.
- CONTINENTAL EAGLE CORPORATION**: A logo featuring an eagle and the text "Since 1922".
- SAMUEL JACKSON**: A red logo with a white eagle.
- LUMMUS CORPORATION**: A logo with a stylized 'L'.
- National Cotton Council OF AMERICA**: A logo with a cotton plant and the text "NCCA".
- USTER**: A logo with the slogan "Think quality" and an image of a lint testing machine.