# **The Cotton Foundation**

The Cotton Foundation was created in 1955 as a 501(c)3 organization to give U.S. cotton's agribusiness allies opportunities to support the U.S. cotton industry over and above the products and services these firms provide. Membership includes banks, seed companies, chemical and equipment manufacturers, publishers and others whose success depends at least in part on U.S. cotton and who share a common concern for a healthy U.S. cotton industry.

Agribusiness members' dues support general research and education projects. For 2019-20,



The Cotton Foundation's overall mission is strengthening U.S. cotton's position in the highly competitive fiber market.

Foundation member dues are supporting nine general research and education projects at a \$212,000 funding level. These general projects along with special projects, which are supported by some Foundation members from grants over and above their dues, are enabling the Foundation to more effectively carry out its overall mission of strengthening U.S. cotton's position in the highly competitive fiber market. All these projects are chosen specifically to help the Foundation achieve its mission through the following major goals:

- support present Foundation leadership and member education programs;
- provide educational programs that improve safety, productivity and environmental stewardship of the industry work force;
- identify short-term and longer-term issues facing the cotton industry and then develop and implement projects to address issues or needs;
- develop and provide funding for programs to help influence industry and government research;
- identify long-term, industrywide strategic issues that will affect the cotton industry; and identify
  and assess in a timely manner the impact of proposed regulations.

#### News

National Cotton Council periodically disseminates information such as news releases and articles in its newsletter, *Cotton's Week*, regarding Cotton Foundation projects, including progress reports and announcements of new special projects.

#### IMMEDIATE RELEASE March 4, 2019 Contact: Cotton Nelson 901-274-9030 <u>cnelson@cotton.org</u> or Ron Smith 214-417-3169 <u>rsmith@farmprogress.com</u>

#### **High Cotton Winners Recognized**

MEMPHIS, Tenn. – Winners of the 2019 Farm Press-Cotton Foundation High Cotton Awards are: Frank B. Rogers, III, Bennettsville, S.C., Southeast winner; Steve Stevens, Tillar, Ark., Mid-South winner; Dahlen Hancock, New Home, Texas, Southwest winner; and Cannon Michael, Los Banos, Calif., Western winner.

These cotton producers and their families were honored here on March 1 at the Mid-South Farm & Gin Show in Memphis.

The High Cotton Awards were begun by Farm Press Publications and the National Cotton Council in 1994 to demonstrate that cotton growers and their families are concerned about the environment and are the true stewards of their land, water, and air.

The program, which now has recognized more than 100 of this nation's cotton producers, is supported by a Farm Press grant to The Cotton Foundation. The 2019 program was co-sponsored by Americot, Stoneville/FiberMax, DynaGro, FMC, John Deere, PhytoGen and Syngenta.

The 2019 awards recipients farm in distinctly different regions, encounter widely varying climates, and grow cotton under a range of environmental challenges and regulations. Employing cover crops, irrigation efficiency, conservation tillage, and adoption of technology, they each have an overarching commitment to sustainable agriculture.

Over the past five years, cover crops have become a vital practice for Rogers who noted that he irrigates about 25 percent of his best land.

"Irrigation is a challenge for us because we are not blessed with great underground water," Rogers said. "We can always overcome our challenges. As long as there is demand for cotton, there is a place for us in the Southeast to grow and market cotton. I am optimistic about the future."

Stevens, who employs soil sampling and integrated pest management, uses cereal rye as a cover crop, a practice he discovered as a participant in the University of Arkansas and the Arkansas Association of Conservation Districts' Discovery Farm program. A Discovery Farm measures water retention from rainfall or irrigation. It also measures the water that leaves the field, along with the nutrient load it carries with it.

"The cover crop plays a significant role in reducing runoff," says Stevens, who also noted that, "good irrigation efficiency goes a long way to keep fertilizer in the field."

"Producing economical, sustainable cotton puts the industry in a good position compared to competing, man-made fibers," Stevens added. "We can go to retailers and show that U.S. cotton is environmentally sound and leaves a small footprint on the earth. That's becoming more and more important."

Hancock says incorporating sustainable practices will ensure a "farming future for a sixth generation," on his west Texas farm operation. He integrates minimum-till to no-till practices into his operation, which includes a corn rotation, to improve soil health. This past season, as soon as he completed corn harvest and shredded stalks, he sowed two rows of wheat between the corn rows to pin the trash.

"With the winds we get, or if we get a hard, washing rain, this helps hold the trash," Hancock said. "When I put cotton in there the next year, I see the increase. That yield bump could be as much as 250 pounds per acre."

Much of Michael's San Joaquin Valley acreage is irrigated with subsurface drip, the rest furrow irrigated. He said he has improved his harvest efficiency with John Deere on-board module harvesters and with 30inch row spacing that may increase yields. He uses aerial imagery to help determine defoliation timing.

Leaving unproductive land idle, Michael says, "Ultimately, those should be areas where the right plants are growing — native plants that help make sure that the environment is healthy too."

#### IMMEDIATE RELEASE May 3, 2019 Contact: Cotton Nelson (901) 274-9030 <u>cnelson@cotton.org</u> or Marjory Walker <u>mwalker@cotton.org</u>

#### **Emerging Leaders Program Participants Selected**

MEMPHIS, Tenn. – Thirteen U.S. cotton industry members have been chosen for the National Cotton Council's 2019-2020 Emerging Leaders Program.

Representing the industry's seven segments are: PRODUCERS – Philip Edwards, III, Smithfield, Va.; Jaclyn Ford, Alapaha, Ga.; Ben Good, Starkville, Miss.; Kellon Lee, St. Joseph, La.; Dean Rovey, Buckeye, Ariz.; and Jake Sheely, Lemoore, Calif.; GINNER – Burch Pierce, Jonesville, La.; MERCHANT – Bob Champion, Prattville, Ala.; WAREHOUSER – Scott Mitchell, Donalsonville, Ga.; MARKETING COOPERATIVE – Jeremy Speis, Corpus Christi, Texas; and Josh Warren, Garner, N.C.; COTTONSEED – Joe Gribble, Altus, Okla.; and MANUFACTURER – Ellis Fisher, Inman, South Carolina.

Supported by a grant to The Cotton Foundation from Bayer, the Emerging Leaders Program provides participants with a better understanding of how the NCC carries out its mission of ensuring the U.S. cotton industry can compete effectively and profitably in the raw cotton, oilseed and U.S.-manufactured product markets at home and abroad. Specifically, participants get an in-depth look at: 1) the U.S. cotton industry infrastructure and the issues affecting the industry's economic well-being; 2) the U.S. political process; 3) the NCC's programs as well as its policy development and implementation process 4) Cotton Council International's activities aimed at developing and maintaining export markets for U.S. cotton,

manufactured cotton products and cottonseed products and 5) the role that Cotton Foundation members play in fostering a healthy U.S. cotton industry.

The Emerging Leaders Program, now in its seventh year, also provides participants with professional development and communications training such as presentation and business etiquette, instruction for engaging with the news media, and utilizing social media tools and tactics.

The 2019-20 program members will participate in three sessions. The first session, set for the week of June 16, 2019, in Memphis and St. Louis, will provide an orientation to the NCC, professional development, communication skills training, and an agribusiness briefing. During the second session in February, class members will see policy development at the NCC's 2020 Annual Meeting in New Orleans. The last session will be in Washington, D.C., where the group will learn about the NCC's policy implementation and international market development activities.

#### <u>IMMEDIATE RELEASE</u> May 22, 2019 Contact: T. Cotton Nelson (901) 274-9030 <u>cnelson@cotton.org</u> or Marjory Walker <u>mwalker@cotton.org</u>

#### 2019 P.I.E. Program Tour Dates Set

MEMPHIS, Tenn. – The National Cotton Council (NCC) has scheduled tour dates and locations for the 2019 Producer Information Exchange (P.I.E.) Program.

Now in its 31st year, the program has enabled more than 1,100 U.S. cotton producers to go to Cotton Belt regions different than their own where they learn about their peers' innovative production practices.

Sponsored by Bayer's grant to The Cotton Foundation, the P.I.E. program has a goal of helping U.S. cotton producers maximize production efficiency and improve yields and fiber quality by: 1) gaining new perspectives in such fundamental practices as land preparation, planting, fertilization, pest control, irrigation and harvesting; and 2) observing diverse farming practices and the unique ways in which other resourceful producers have adopted new and existing technology. A unique program benefit is that the participants get to interact with the producers they visit on the tours and with producers from their own region that they travel with during the week.

This season, two of the three P.I.E. tours will occur simultaneously. During the week of July 28-August 2, producers from the Southeast will see Mid-South farming operations in the Missouri Bootheel, West Tennessee and northeast Arkansas while Southwest producers will tour California's San Joaquin Valley. The third tour, set for August 11-16, will enable Mid-South and Far West producers to travel to the Southeast and observe farming operations in North Carolina and Virginia.

The NCC's Member Services staff, in conjunction with local producer interest organizations, conducts the P.I.E. program, including participant selection.

#### IMMEDIATE RELEASE October 11, 2019 Contact: T. Cotton Nelson (901) 274-9030 <u>cnelson@cotton.org</u> or Marjory Walker <u>mwalker@cotton.org</u>

#### Midwest, Western Farmers to See Mid-South Cotton Operations

MEMPHIS, Tenn. – Farmers from Idaho and North Dakota will get a unique opportunity to observe cotton and other agriculture-related operations in the Mid-South on October 14-17, as part of the National Cotton Council's (NCC) Multi-Commodity Education Program (MCEP).

Launched in 2006, the MCEP is a Cotton Foundation education project supported by a grant from John Deere. It is coordinated by NCC's Member Services and local leaders/organizations.

The MCEP is designed to provide its participants with: 1) a better understanding of production issues/concerns faced by their peers in another geographic region, 2) observation of that region's agronomic practices, technology utilization, cropping patterns, marketing plans and operational structure; and 3) tours of the region's research facilities and its agricultural processing operations and related businesses relevant to the area economy.

The 2019 tour's producer participants include: **Idaho** – Jamie Kress, Rockland; Dan Lakey and Kyle Wangemann, both from Soda Springs; Pat Purdy, Boise; Steve Samowitz, Blackfoot; and Clark Tacke, Greencreek; **North Dakota** – Dennis Haugen, Hannaford; Ed Kessel, Dickinson; and Jeff Mertz, Hurdsfield.

The group will begin their activities on October 14 at NCC's headquarters in Cordova, Tenn., where they will get an overview of the U.S. cotton industry and industry issues along with a briefing on The Cotton Foundation. They also will see cotton classing at the USDA Agricultural Marketing Service (AMS) office in Bartlett. Later that day in Memphis they will hear about agricultural research, education and agritourism during a visit to Agricenter International; learn about cotton trait introgression and tour a greenhouse at BASF's operation; and visit the Memphis Cotton Museum.

The next two days will be spent in Arkansas. On October 15, the group will tour the Riverbend Warehouse in West Memphis to learn about cotton warehousing and shipping before traveling to Marianna for a look at Reed Farms' operations; to learn about John Deere cotton harvesting technology; and to tour the W.G. Huxtable Pumping Station where they will get a briefing on stormwater pumping.

On October 16, the group's activities include visits to the Planters Cotton Oil Mill in Pine Bluff to hear about cottonseed oil and cottonseed products and to McGehee for a look at cotton ginning at McGehee Producers Gin and a tour of farming operations in that area.

The tour concludes on October 17 in the Mississippi Delta with a trip to Stoneville where they will tour the Delta Research and Extension Center; see a catfish pond and get a briefing on U.S. farm-raised catfish; visit the USDA-AMS Cotton Ginning Laboratory; and hear a presentation on environmental stewardship and water sustainability in the Mississippi Delta from staff at Delta Farmers Advocating Resource Management (F.A.R.M.).

## Officers and Trustees 2019-2020



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# **Project Support**

The U.S. cotton industry is enjoying a healthy return on investment from Foundation member support of general projects and special projects. National Cotton Council staff estimates that accounting for cash and in-kind services, the Foundation's general projects, for example, enjoy a return of about \$3 for every dollar devoted to these projects. By supporting these projects, the Foundation is truly fostering innovative: 1) **research** to find solutions to cotton problems; 2) **technology** to implement those solutions; 3) **education** to speed new research application and 4) **communication** to spread information throughout cotton's production and marketing chain.

# General Projects 2019-2020

- Journal of Cotton Science
- Cotton Pest Loss Survey
- Enhancing Cotton Industry Education and Information through the National Cotton Council Web Site
- EPA Residual Risk and Technology Reviews (RTR) for the "Vegetable Oil Production" Source Category (MACT Standards Review)
- Information and Research on Potential Consumer, Environmental and Workpla



A new general project will enable a book on the history of the U.S. pink bollworm eradication program to be compiled by Dr. Charles Allen, a retired entomologist.

- Environmental and Workplace Risks
- Sustainability of U.S. Cotton
- Application of the Field Print Calculator for Cotton Production in the Texas High Plains
- Book Documenting the History of the Pink Bollworm Eradication Program
- Verification of Risk Assessment Data and Evaluation

#### **Research Screening Committee\***

Dr. Jeffrey S. Mink, Chairman, Syngenta Crop Protection, Inc., Memphis, TN Mr. T. Keith Corzine, Ex Officio, Farmers Coop Gin of Stamford, Stamford, TX Mr. Joel C. Faircloth, Dow Agrosciences, Collierville, TN Mr. Paul Kennedy, Helena Chemical Company, Memphis, TN Dr. Bill Norman, National Cotton Council, Cordova, TN Mr. Paul Ollerton, Olam Cotton Yellow Gin, Casa Grande, AZ Dr. Douglas W. Rushing, Bayer CropScience, Saint Louis, MO Mr. Joe W. Thomas, Lummus Corporation, Pooler, GA Mr. Paul D. Vaculin, AMVAC, Collierville, TN

#### **Advisors**

Dr. Kater Hake, Cotton Incorporated, Cary, NC

\*Each year, the Foundation's Research Screening Committee reviews and prioritizes general project proposals before submitting their recommended project list for approval by the Foundation's trustees at the Foundation annual meeting.

# Special Projects 2019-2020

**Emerging Leaders Program** Bayer

Cotton Ginning Symposium (Textile Manufacturing Symposium) Bayer

**Producer Information Exchange (P.I.E.)** Bayer

Multi-Commodity Education Program (MCEP) Deere & Company

**Policy Education Program** Syngenta Crop Protection

Cotton Germplasm Collection Support Bayer



Policy Education Program participants learn about the National Cotton Council's policy development/implementation process and industry issues.

#### **Cotton Nematode Research and Education Program**

Bayer

#### **Cotton Seedling Disease Research and Education Program** Bayer

Weed Resistance Learning Module

Dow AgroSciences; Bayer; Syngenta

## Advancing Cotton Education (ACE)

Bayer

#### **Educational Outreach**

Bayer; Syngenta; Dow AgroSciences; Valent

#### Cotton LEADS<sup>™</sup>

Cotton Australia, Cotton Incorporated, National Cotton Council and Cotton Council International

## **Ongoing Special Project Contributions**

Several Foundation members support the NCC-coordinated **Beltwide Cotton Conferences** -- helping the NCC produce a quality conference with modest attendee registration fees. Among support given is for the registration desk, wireless Internet connectivity, coffee break, Internet Quickstop kiosks, Welcome Reception, the Confex Podium system and the Consultant's Conference.

The Foundation continues to distribute volumes in its **Cotton Reference Book Series**, which can be ordered online. The series includes *Weeds of Cotton, Cotton Harvest Management, Stress Physiology in Cotton, Flowering and Fruiting in Cotton, Linking Physiology to Management* and *Boll Weevil Eradication in the United States Through 1999.* The Cotton Foundation series reference books can be purchased from the Foundation at <a href="http://www.cotton.org/cf/reference-books.cfm">http://www.cotton.org/cf/reference-books.cfm</a>.

Some other efforts helpful to cotton's overall research and education effort include the periodic development and distribution of various NCC-produced educational videotapes. The Gin Lab Symposium, sponsored by Delta and Pine Land, Syngenta, and Bayer, aids in familiarizing state land grants extension specialists with post-harvest processes of ginning and textiles to improve appreciation of end user needs.

# Awards and Endowments 2019-2020

**High Cotton Awards** Farm Press Publications

#### Robert and Lois Coker Trustees Chair in Molecular Genetics

Endowment: \$1,000,000

#### The C. Everette Salyer Fellowship in Cotton

**Research** is administered by Texas A&M University's Entomology Department which provides more details and a list of previous winners on its <u>website</u>. Endowment: \$300,000

#### **Cottonseed Oil Clinic**

Endowment: \$60,000



The High Cotton Awards program recognized producers from the Cotton Belt's four production regions for their environmental stewardship. The 2019 recipients, from left, are: Cannon Michael, Los Banos, CA; Fank B. Rogers, III, Bennettsville, SC; Dahlen Hancock, New Home, TX; and Steve Stevens, Tillar, AR.

# **Cotton Foundation Reference Books Series**

The Cotton Foundation Reference Books Series is aimed at providing a comprehensive source of information on topics fundamental to efficient U.S. cotton production.

#### U.S. addresses:

- For fastest service, order on-line using the below form. You can also download a <u>PDF</u> <u>version of the form</u> (10k) to fill out off-line.
- Prices include shipping and handling.
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# **Members**

The Cotton Foundation's contributions to cotton research and education are possible because of its faithful members. As of June 30, 2019, the end of the 2018-19 Foundation fiscal year, there were 34 Foundation members. Their voluntary membership dues are enabling the Foundation to support nine general research projects related to pest management, sustainability, regulatory issue information gathering and education.



**Americot, Inc.**, headquartered in Lubbock, Texas, provides Southwest, Midsouth and Southeast cotton growers with quality planting seed of varieties that offer high yield potential and excellent fiber quality with the technologies that growers want and need. For more information on Americot brand and NexGen brand cotton products, call 888.678.7333 or go to <u>www.americot.com</u>.



AMVAC Chemical Corporation manufactures and markets the following crop protection products for cotton growers in the United States: Insecticides: BIDRIN<sup>®</sup>, ORTHENE<sup>®</sup> and DIBROM<sup>®</sup> 8. Soil Fumigants: VAPAM<sup>®</sup> and K-PAM <sup>®</sup>. Defoliant: FOLEX<sup>®</sup>. AMVAC operates manufacturing facilities in Los Angeles, CA and Axis, AL. For more information, visit www.amvac-chemical.com.



**BASF Agricultural Products** is the source of innovative solutions for cotton growers. BASF delivers unmatched, premium plant regulators such as PentiaTM, Pix<sup>®</sup> Plus and Pix<sup>®</sup> Ultra. Prowl<sup>®</sup>, Prowl<sup>®</sup> H2O and Clarity<sup>®</sup> herbicides provide effective weed control and superior crop safety for growers. For more information, visit www.agproducts.basf.com.

Science For A Better Life

Through each step of the season, from the critical first 40 days of production to when you harvest, **Bayer** is committed to helping you manage your crop to achieve maximum yield potential and fiber quality. Our FiberMax<sup>®</sup> and Stoneville<sup>®</sup> varieties plus our crop protection products will take you through four critical steps to achieving maximum yield and profitability – PLAN, PREPARE, PROTECT and SUCCEED. Your sustainable on-farm economic success this season and in the seasons ahead is our focus.



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**Case IH** (www.caseih.com) provides a full line of agricultural equipment solutions for cotton production, flexible financial services and parts and service support through a dedicated network of professional dealers and distributors. Productivity enhancing products include tractors ranging from 18 to 535 horsepower; Module Express and Cotton Express pickers; tillage tools; planting and seeding systems; sprayers and applicators; and AFS precision farming systems.

At <u>C.H. Robinson</u>, we believe in accelerating global trade to seamlessly deliver the products and goods that drive the world's economy. Using the strengths of our knowledgeable people, proven processes and global technology, we help our customers work smarter, not harder. As one of the world's largest third-party logistics providers (3PL), we provide a broad portfolio of logistics services, fresh produce sourcing and Managed Services for more than 113,000 customers and 107,000 contract carriers and suppliers to meet their supply chain goals through our integrated network of 280 offices and more than 14,000 employees. In

addition, the company, our Foundation and our employees contribute millions of dollars annually to a variety of organizations. Headquartered in Eden Prairie, Minnesota, C.H. Robinson (CHRW) has been publicly traded on the NASDAQ since 1997. For more information, visit <u>http://www.chrobinson.com</u> or view our <u>company</u> <u>video</u>.

**Cotton Farming** is the most requested publication by American cotton producers for cotton information. Co-owned by Lia Guthrie and Mississippi Delta cotton farmer, Mike Lamensdorf, Cotton Farming focuses on delivering profitable production and management strategies to improve our readers' bottom line. We feel industry involvement is crucial to our audience's survival which hits very close to home for us. Publishing Cotton Farming each month is not just what we do. It is who we are. We co-sponsor the Texas Cotton Ginners Association Annual Meeting and Trade Show each year as well as the long-standing, highly respected Cotton Consultant of the Year award. We believe that global competition is paramount to our farmers and have co-sponsored several cotton quality seminars to improve awareness of our readers about marketing in the global marketplace.

**COTTON GROWER** and **COTTON INTERNATIONAL** are the flagship publications of Meister Media Worldwide's Cotton Media Group, the world's largest provider of cotton information. Other Meister Media Worldwide products, services and events for the cotton community include COTTON GROWER PLUS targeted reports; CI WORLD REPORT, serving the global cotton chain "from boll to bobbin"; the COTTON GROWER / National Cotton Council "Millennium Grant"; the annual "Cotton Achievement Award"; the COTTON GROWER / NYBOT "Cotton Marketer of the Year Award; the Cotton International Hall of Fame; and the yearly COTTON GROWER "Beltwide Luncheon."







**Dow AgroSciences LLC**, based in Indianapolis, Indiana, USA, is a top-tier agricultural company that combines the power of science and technology with the "Human Element" to constantly improve what is essential to human progress. Dow AgroSciences provides innovative technologies for crop protection, pest and vegetation management, seeds, traits, and agricultural biotechnology to serve the world's growing population. Global sales for Dow AgroSciences, a wholly owned subsidiary of The Dow Chemical Company, are \$3.8 billion. Learn more at www.dowagro.com.



EnviroLogix Inc., with its customer-driven approach, develops and provides rapid test kits to detect genetic modifications (GM) and mycotoxins in seeds, plants & grain. QuickStix<sup>™</sup> Strips are used to screen for individual GMs, and QuickStix Combo Strips detect multiple events on one test device. The ELISA plate kit format is available when quantitative determinations are needed. QuickTox<sup>™</sup> Kits for Aflatoxin (GIPSA-approved) are used for screening and quality assurance of grain or bulk seed, with results in as little as two to three minutes.



**Farm Credit** supports rural communities and agriculture with reliable, consistent credit and financial services, today and tomorrow. Farm Credit has been fulfilling this mission for nearly

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**Farm Press** publications is the source that Sunbelt producers turn to for the timeliest, most thorough coverage of crops and issues important to them. Since Delta Farm Press started 75 years ago, the company's publications have become "the bible" in the areas they serve. The Farm Presses include Southeast Farm Press, Delta Farm Press, Southwest Farm Press, Western Farm Press, Delta Agricultural Digest, Delta Farm Press Daily, Southeast Farm Press Daily. Southeast Farm Press Daily. Delta Farm Press is co-sponsor of the Mid-South Farm & Gin Show, the South's largest indoor farm show, and produces the official program. Farm Press also produces or co-sponsors several other shows and conferences around the Sunbelt, as well as special publishing projects, electronic media and list rentals.

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A diversified portfolio of cotton herbicides, harvest aids, insecticides and fungicides from FMC offers unmatched performance and field support for the best possible results. Include FMC products in your crop protection and defoliation programs to maximize results that you can take to the bank. Cotton protection products include Aim® EC herbicide, Anthem® Flex herbicide, Command® 3ME microencapsulated herbicide, Crusher® herbicide, Shark® EW herbicide, Athena® insecticide/miticide, Brigade® 2EC insecticide/miticide, Brigadier® insecticide, Carbine® 50WG insecticide, Fyfanon® 57EC insecticide, Coragen® insect control, Dimethoate® 400 EC insecticide, Exirel® insect control, Fyfanon® ULV-AG insecticide, Hero® insecticide, Hero® EW insecticide, Mustang® insecticide, Mustang® Maxx insecticide, Prevathon® insect control, Steward® EC insecticide, Topguard® fungicide, Topguard® EQ fungicide, Topquard® Terra fungicide, and Display® cotton harvest aid. For more information, please visit our website, www.fmccrop.com



#### Georgia Association of Professional Agricultural Consultants

is a non-profit member organization comprised of 34 private full-time agricultural consultants serving Georgia farmers. Founded in 1990, GAPAC members provide a full line of services on a variety of crops. For more information visit our web site, www.georgiacropconsultants.org.



Gowan Company, a family-owned registrant and marketer of crop protection products based in Yuma, AZ started as a crop consultancy in 1963. Our foundation was formed by walking the rows and orchards in lockstep with our customers. Gowan's success is attributed to our focus on niche products and minor crops, accompanied by technical know-how and customer responsiveness. Gowan Company differs from other chemical companies because we started in the field, walking with and listening to our customers. Our roots are firmly planted in the fruit, nut, vegetable and specialty crop sector but we seek niches in all crops when there is a need to provide and protect unique crop protection solutions. We position our products on best agronomic fit and technical merit. Gowan Company is known in the ag chemical industry as a political advocate for pesticides. We dedicate our resources to keep the pulse of agriculture in the forefront of our daily business. Gowan serves on committees that affect pesticide legislation and maintains key contacts in this arena. We listen to your needs to find new uses for our products, and make a commitment to keeping those products in the marketplace. Gowan Company recognizes the need to rescue mature products that larger companies no longer find value in retaining. We acquire and defend valuable crop protection products that are critical to key markets. We are responsive and readily available to our customers, and most importantly, we maintain an unwavering commitment to serving arowers.



inputs across the Cotton Belt and the country. We offer crop protectants, fertilizer, seed, seed treatments, adjuvants, bioscience products, nutritional products, value-added products, precision ag services and software...and much more. With its theme of People...Products...Knowledge<sup>®</sup>..., Helena is the most trusted, innovative and respected distributor in the Cotton Belt.

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# H.W.J.Designs

**H.W.J. Designs** Machinery/Equipment Ultraviolet disinfection equipment, Water conditioners, Water softening accessories, Ultrafiltration equipment, Packaged water treatment systems, Collection tanks.



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# °indigo

**Indigo Ag Inc**, a Boston-based company, focuses on the microbes that have evolved in conjunction with plants over millions of years to optimize health and maximize productivity. Utilizing these beneficial microbes, Indigo can work towards its goal of helping farmers to sustainably feed the planet. Inspired by insights from the human microbiome, Indigo began with the hypothesis that microbes living inside a plant (endophytes) are vital to its health. With sophisticated sequencing techniques, Indigo has assembled a world-class database of genomic information from these microbes, resulting in products that complement a plant's natural processes to improve crop health while increasing yield.



**John Deere**, one of the world's oldest and most respected enterprises, creates smart and innovative solutions, in the form of advanced machines, services and concepts, for customers on the farmsite, worksite and homesite worldwide.



<u>Lummus Corporation</u> is a worldwide leader in the manufacturing and marketing of a complete line of cotton ginning machinery and replacement parts, including gin stands, feeders, lint cleaners, precleaning and baling equipment.



<u>Monsanto</u> (Delta and Pine Land Business) Cotton farmers have turned to Deltapine<sup>®</sup> cotton for high yield potential and consistent performance for years. Only Deltapine cotton varieties are proven to perform on New Product Evaluator (NPE) farms before they are marketed and sold for commercial planting. Deltapine NPE farmers are farmers like you, who help evaluate performance of pre-commercial lines on their own farms and in their own growing conditions and systems. Deltapine cotton offers varieties in a range of maturities for all cotton-production regions, each with high yield and excellent fiber quality potential. Deltapine cotton, together with Roundup Ready PLUS<sup>®</sup> Weed Management Solutions, gives cotton farmers the yield and performance they demand.



**Netafim USA**, the world leader in micro irrigation technology for more than 30 years, offers micro irrigation systems for cotton and other crops. Netafim USA systems include dripperline, valves, filters and air relief, and deliver precise amounts of water and nutrients to every plant in a variety of terrains and environments.



**Rain and Hail Insurance Service, Inc.** Long term commitment, stability and performance have made Rain and Hail a leading crop insurance underwriter. More than a simple statement of purpose, we demonstrate this commitment in every specialized insurance product. It is reflected in our financial strength, our business affiliates, our responsive claims service and our unmatched support of agents. In addition to comprehensive crop hail and multiple-peril protection, Rain and Hail provides a diversity of products in association with some of the nation's leading insurers. Our unique perspective on risk management in rural America allows us to tailor crop insurance plans with localized impact.



**Samuel Strapping Systems** is a worldwide leader in the manufacture, sales and servicing of completely Automatic Bale Tying Systems for cotton baling using textile industry preferred polyester strap. Our undefined strapping is specifically engineered for use in these system applications. Samuel's systems are adaptable to any new or existing baling press. For more information, call us at 1-800-359-9222, email us at smyrnaoffice@samuelstrapping.com or click on our logo.



Since 1998, **Seal Transportation** has been applying our practical creativity to solutions that truly work for our customers. Our agricultural customers benefit from our experience developing smooth, sound solutions through each season and harvest. Our consultative approach goes beyond transactional activities, focusing on client-based solutions that reduce cost and bring value to your logistics needs. Our philosophy is to provide exceptional service and to focus on building lasting relationships with both customers and

carriers. As relationships are our priority, customers can rely on us to always do the right thing with each shipment. "Seal Transportation is as solid as a rock, ethical and committed to doing the right thing. We believe in the company because at every point, the core foundation at Seal is giving every customer a great experience." — Gene Schiesser, CEO

**Signode Corporation** is the Global leader in manufacturing both fully automatic strapping equipment and polyester strap for cotton baling. Signode's High Strength Tenax polyester strap and revolutionary Automatic strapping system provides a reliable, cost effective and safe method for tying out bales on any baling press. All Signode products are designed, manufactured and serviced directly by Signode personnel. For more information call us at 1-888-342-3770 or email at ips@signode-ips.com. Visit our web site by clicking on the Signode logo above.

**Southern Cotton Ginners Foundation** is a non-profit organization composed primarily of Southern Cotton Ginners Association members in Mississippi, Arkansas, Louisiana, Tennessee and Missouri, and all other individuals interested in funding scientific, educational and charitable endeavors for the advancement and betterment of the cotton ginning industry.

**Syngenta Crop Protection, Inc.** is a world-leading agribusiness committed to sustainable agriculture through innovative research and technology. The company is a leader in crop protection and ranks third in the high-value commercial seeds market. Sales in 2007 were approximately US \$9.2 billion. Syngenta employs more than 21,000 people in more than 90 countries. Syngenta is listed on the Swiss stock exchange (SYNN) and in New York (SYT). Further information is available at <u>www.syngenta.com</u>.









Tama USA Inc. is a world leader in the development, manufacture and sale of crop packaging products and solutions; combining farming experience, with cutting-edge agricultural technology, for growers around the globe.



**Valent U.S.A. Corporation** is dedicated to providing solutions to cotton farmers through a growing line of innovative products. For more information, please visit <u>www.valent.com</u>.





Willmar Fabrication, LLC is a leader in spray drift reduction technology. Along with the original Redball<sup>™</sup> Spray Monitor, Willmar Fab designs and manufactures broadcast spray hoods to minimize concerns about drift and row crop spray-hoods to help control resistant weeds. Willmar Fab has a strong focus on customer service and support, and is committed to develop innovative products that solve real-world problems. Learn more at www.WillmarFab.com

<u>WinField Solutions</u>, a Land O'Lakes company, offers top-performing seed and crop protection products. With unmatched agricultural expertise and performance as core company values, WinField<sup>™</sup> brands match leading seed and crop protection products to help growers, dealers and other industry partners achieve the highest level of success.

WinField brands include CROPLAN<sup>®</sup> seed, crop protection products, plant nutrients and other proprietary products. Backed with unrivaled technical services and knowledge, WinField<sup>™</sup> products deliver outstanding solutions and value for the agricultural industry

# **Annual Reports**

2018-2019 (799 KB PDF) 2017-2018 (568 KB PDF) 2016-2017 (1.0 MB PDF) 2015-2016 (287 KB PDF) 2014-2015 (615 KB PDF) 2013-2014 (297 KB PDF) 2012-2013 (443 KB PDF) 2011-2012 (451 KB PDF) 2010-2011 (443 KB PDF) 2009-2010 (539 KB PDF) 2008-2009 2007-2008 (1.2 MB PDF) 2006-2007 (943 KB PDF) 2005-2006 (923 KB PDF) 2004-2005 (1.0 MB PDF) 2003-2004 (360 KB PDF) 2002-2003 (873 KB PDF) 2001-2002 (1.8 MB PDF) 2000-2001 (1.24 MB PDF) 1999-2000 (848 KB PDF)



Archived annual reports demonstrate the Cotton Foundation's consistent support of cotton education and research such as this previous project that involved a thrips control study.

# **Resources and Links**

Migrant and Seasonal Agricultural Worker Protection Act (MSPA) https://www.dol.gov/whd/mspa

The Fair Labor Standards Act (FLSA) https://www.dol.gov/whd/flsa

Worker Protection Standard for Agricultural Pesticides <u>https://www.epa.gov/pesticide-worker-safety/agricultural-worker-protection-standard-wps</u>

#### Additional WPS Resources

Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Summary <u>https://www.epa.gov/laws-regulations/summary-federal-insecticide-fungicide-and-rodenticide-act</u>

#### **Overview of FIFRA**

National Association of State Departments of Agriculture (NASDA) <a href="http://www.nasda.org/">http://www.nasda.org/</a>

The Hazard Communication Standard (HCS) <u>https://www.osha.gov/dsg/hazcom/</u>

Where to find MSDS sheets online <a href="http://www.ilpi.com/msds/">http://www.ilpi.com/msds/</a>

Pesticide Applicator Certification and Training Fact Sheet <u>http://www.nasda.org/File.aspx?id=21103</u>

# **Contact The Foundation**

For more information about The Cotton Foundation, please contact: The Cotton Foundation P. O. Box 783 Cordova, Tennessee 38088 (901) 274-9030 FAX (901) 725-0510

or use this form:

Name*	
Email Address*	
Comments*	
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