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Putting  
Soybean  
Checkoff  
Dollars to  
Work for  
You*

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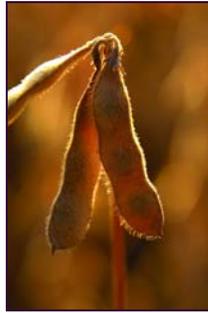
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# Georgia Soybean News

**FALL 2019**

## **Scout & Manage Late Season Pests in Soybeans**

**- Mark Freeman, UGA East Georgia Area Agronomist (former)**

As the crop season starts to wind down, it can sometimes be easy to forget about scouting and managing some of our late season pests in soybeans. Often growers can get side tracked with corn harvest and checking peanut maturity that managing the soybean crop can often become a secondary concern where things can easily get overlooked. Failing to manage late season insect infestations can cause major losses to both yield and quality.

Typically our most common late season insect pests are stink bugs and foliage feeding caterpillars. Scouting should be done weekly for both of these insect complexes and insect counts done by using either a drop cloth or sweep net as economic thresholds are based on these two methods. Frequent scouting/monitoring will allow the grower to make timely applications and apply the most appropriate products to maximize effectiveness and preserve yield.

When monitoring stink bug pressure after mid pod fill (R5), insecticide applications should be initiated once stink bug populations reach one stink bug/row foot or nine stink bugs/25 sweeps. In soybeans, pyrethroids are our most effective insecticide options and if the majority of the stink bugs found are Brown Stink Bug, a bifenthrin product will be the most effective pyrethroid for control. Stink bug insecticide applications should be terminated at R6.5 (pods are separated in the pod) + 7 days.

The other common late season insect pests of soybeans are the foliage feeding caterpillars, which consist of three species; Green Cloverworm, Soybean Looper, and Velvetbean Caterpillar. Proper identification of these caterpillars is very important. The green cloverworm and velvetbean caterpillars can be controlled with either a pyrethroid or a preventative application of Dimlin. Both of these options are relatively inexpensive compared to the diamide type insecticides needed to control the soybean loopers. Economic thresholds for the foliage feeders are eight caterpillars/row ft or 38 GCW or VBC/25 sweeps or 19 soybean loopers/25 sweeps.

For additional information on insect identification or scouting procedures, please contact your local UGA Extension Agent at 1-800-ASK-UGA1.

## Soybeans & Poultry: A Meal Match

- USSEC Staff Writer

Nestled in the southwestern part of the Peach State, Godwin Farms Inc. produces just about everything but the sweet fruit itself. Walter Godwin grows soybeans, corn, cotton, peanuts, wheat, sorghum and pecans, and raises 50,000 chickens on his family farm in Pelham. But you won't find a peach tree anywhere in sight.

He works closely with his father, Roger, and one hired hand on 1,500 acres. The operation was started around 1880 by Godwin's great-great-grandfather, John K. Godwin, who was also one of the founders of Grady County. Walter Godwin is currently the fifth generation to live and farm on the family's land.

As a farmer who produces both soybeans and chickens, Godwin understands the connection between the crop and the animal. Godwin grows approximately 300 acres of soybeans each year. After harvest, the meal from many of those beans ends up right back where the beans came from.

"We grow and store our beans on-site, then sell them to a processing plant in Georgia," Godwin says. "After they are crushed, the meal is brought back to a poultry operation just north of us. The plant then puts the soybean meal into a feed ration for the chickens."

Soybean meal dominates the market for protein supplements for poultry, due to its consistent nutrient content, availability and high content of crude protein. Soybean meal is the only common protein supplement without a limitation on the quantity that can be used in poultry rations.

"We use both our local soybean meal, as well as some from the Midwest, for our poultry," Godwin says. "It is a good source of protein because of its content and digestibility."

Just as chickens love a protein-rich diet, so do humans. As incomes grow for people in countries across the world, especially in China and Southeast Asia, the demand for poultry as a protein also is expected to grow.

"Protein demand is going to go up in the world, and with that, the demand for soybeans will go up, too," Godwin says. "As more countries, especially third-world countries, want more protein and better diets, they will have to increase and improve their animal feed, and soybean meal should be a component of that feed ration."

In addition to helping feed a growing world population, he is involved in his local community. Godwin Farms participates in fundraisers each year for the Grady County Sheriff's Department. The family farm also donates and cooks meals for wild-game suppers at their local church.

Building his family's future is also important to Godwin. One way he does this is by making sure to use sustainable methods as he grows a high-yielding, quality crop each year. Farming has been a way of life for generations of his family, and he would like to keep it that way.

"We try to grow a profitable, safe and environmentally friendly crop and use the newest technology available to help in that endeavor," Godwin says. "Technology helps us pick the best seed, apply more precise chemicals and minimize our fuel consumption. We are trying to do the best we can with what we have available to pave the way for the next generation."

Source: [US Soybean & Export Council](#)

## Business Expansion Provides Positive News for Soybean Farmers - Alan Barrett, Director of Consulting w/ Farm Journal

Overall, it looks like a good soybean year so far. But in agriculture we're only 3 days away from a drought and in just a few days, a disease or insect pest can severely impact yields so we've got to stay alert and stay in the fields.

Perdue, known primarily for its chicken business, has diversified into many areas of the supply chain and retail. Perdue has a goal of being the most trusted name in premium proteins and raises animals to create products for consumers and retail and foodservice customers around the globe. Perdue is a leader in all-vegetarian-fed and no-antibiotics-ever chicken, turkey, and pork, as well as U.S. Department of Agriculture (USDA) – certified organic chickens; along with premium pet treats with no fillers or animal by-products.

Perdue AgriBusiness is an independent operating company of Perdue Farms, Inc. Ranked among the largest grain companies in the U.S., Perdue AgriBusiness is a leading merchandiser, processor, and exporter of agricultural products. Through Perdue AgriBusiness' 75 elevator locations with more than 75 million bushels of storage, deep-water port, transload facilities, oilseed crushing operations, edible oil refinery, and protein blend mills, the company serves markets across the U.S. and around the world.

Perdue AgriBusiness, LLC recently announced it has acquired the assets of Hart AgStrong, LLC (AgStrong). The purchase includes two oilseed expeller crushing facilities in Bowersville, Georgia and Trenton, Kentucky, which process organic and non-GMO soybeans, HEAR (high erucic acid rapeseed), canola and high oleic sunflower, as well as an organic specialty oil refinery at the Bowersville facility. The facilities produce organic and non-GMO oils sold to food and industrial product manufacturers and meal for organic and non-GMO animal feeding operations in the southeastern U.S. The AgStrong asset purchase will allow the company to fully supply Perdue Foods' cooking plants in Perry, Georgia and Bridgewater, Virginia.

"The AgStrong facilities offer an ideal complement to Perdue AgriBusiness' existing specialty crops and oils capabilities," said Dick Willey, President of Perdue AgriBusiness. "We will be able to increase sales of our current and new specialty oils. AgStrong's production capabilities coupled with Perdue AgriBusiness' brand equity allows us to offer a vertically integrated supply chain with full traceability to our customers."

Perdue AgriBusiness Specialty Crops and Oils is among the global leaders in the procurement and sale of verifiable, reliable organic and non-GMO grains and oilseeds, both domestically and internationally. The AgStrong assets will be incorporated into the existing Perdue AgriBusiness Specialty Crops and Oils business and the AgStrong management team and associates at all locations will transition to Perdue.

"We look forward to continuing to work with Kentucky and Georgia farmers and others in the Southeast with our 'you grow it, we'll buy it' philosophy, and to supporting local and regional markets for high value crops," Willey said.

The purchase will ensure the expeller crushing plants stay open. Aside from the specialty oil side of the business, the plants could help Perdue AgriBusiness secure the soybean meal required for its organic chicken business. The news of the facilities remaining open and continuing to provide a marketing outlet to the soybean farmers in Kentucky and Georgia is positive.

(Source: USSoy.org's [Fresh From the Field](#) e-newsletter)

## Story of Three Soybean Fields - Rome Ethredge, CAES Interim Grains Agronomist

Right now in Georgia we have 3 aspects of soybean production going on.

The “Early Soybean Production System” (ESPS) soybeans have mostly just been harvested. Full season beans have just about filled the pods. And Ultra Late soybeans planted after corn are growing well and starting to bloom well and set a few pods.

Early system beans are mostly group 4 and early group 5 indeterminate (don't allow night length to affect them as much) plants that grow well early in the season. We plant these from April 20 to May 10. These yield well usually but do require very good management. They are more susceptible to disease and insect problems it seems, and keep a crop scout on his toes. They have to be scouted weekly to catch these problems early, as do all soybeans really. Timely harvest is imperative due to the fact that we often get rains during the harvest time for these. Often a desiccant is used to hurry it along.



*Here's some 2019 early system beans being harvested in early September in Southwest Georgia.*

Full season soybeans are of course what is the most common and long planted in Georgia. May 10 to June 10 is when we plant them and harvest in October.

2019 crop is looking good but we are seeing some effects of high temperatures on pod set and growth especially where folks can't keep them wet. Days with highs over 95 degrees are tough on soybeans. It's good to water on those days to cool the canopy. Sprays are going out for loopers and stinkbugs. At R2, early podding, sprays went out of Dimilin and Boron to enhance yields and keep out Velvetbean caterpillars. Stink bugs have had to be controlled in most fields.

*(9/12/19) Here are 2019 full season soybeans at R5 growth stage that will soon hit R6 when pod is completely filled. They have a very high water use rate right now.*



## The USB Mission: To Maximize Profit Opportunities For All U.S. Soybean Farmers

This is the mission of your soy checkoff. The U.S. soybean industry is coming off several years of record volume soybean production. We've proven that we can be a stable supply of soy. Now we need to make sure we're the best provider of soy globally. Your soy checkoff is working to achieve this by bringing more innovation to the U.S. soy industry than ever before, and making sure that U.S. soybean farmers benefit from it. We're looking at the value of soybeans and the meal and oil inside those beans. We know that our end users want a high-quality sustainable supply of soybeans. Your soy checkoff is making sure that we're meeting these demands and that U.S. soybean farmers will be rewarded for doing so. The 73 volunteer farmer-leaders of the United Soybean Board are dedicated to responsibly investing each checkoff dollar to the greatest return on investment for all U.S. soybean farmers. We are honored by the opportunity to work on behalf of and represent our fellow farmers. Thank you for your continued support of the soy checkoff, and we look forward to a future filled with innovation and opportunities.

For more from the United Soybean Board, [visit www.unitedsoybean.org](http://www.unitedsoybean.org).

### Story of Three Soybean Fields (continued from page 4)

Ultra Late Soybeans are planted after corn harvest and take advantage of our long growing season in Georgia. Planted in late July and the first week in August they are in a race to produce a crop before the days get very short and frost occurs. Days shorten in late October and growth and development really slows down. High heat in the early growth phase make growth very fast and furious.

*(9/12/19) Here's some in southwest Georgia this week. They are growing well and blooming and beginning to set pods. They are between knee and pocket tall now. Watering has been very important with the heat we're having.*



**GEORGIA SOYBEAN  
COMMODITY  
COMMISSION**



2425 South Milledge Avenue  
Athens, Georgia

Phone: 706-542-2351

Fax: 706-542-9397

E-mail: gasoybean@gmail.com

Commission Members

Greg Mims, Chairman  
Donalsonville, GA

Mark Ariail  
Carnesville, GA

Brian Ogletree  
Milner, GA

Jesse Patrick  
Madison, GA

Tony Smith  
Arlington, GA

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**Georgia  
Soybean  
Commodity  
Commission**

*Putting Soybean Checkoff Dollars to Work*

The soy checkoff empowers U.S. soybean farmers with tools that will help them maximize their profitability. Whether it's a database of high-protein-and-oil soy varieties, the results of soy-checkoff-funded research or interviews with experts, the checkoff spreads the word about cutting-edge tips and tricks you can put to use on your farm.

For more information, check out USB farmers resources online at:

[www.unitedsoybean.org/farmer-resources/tools/](http://www.unitedsoybean.org/farmer-resources/tools/)

[www.unitedsoybean.org/farmer-resources/beyond-the-bean/](http://www.unitedsoybean.org/farmer-resources/beyond-the-bean/)

To view past issues of the Georgia Soybean News, visit

[www.georgiacrop.com/resources/newsletters/](http://www.georgiacrop.com/resources/newsletters/).