



# PEANUT SUSTAINABILITY

## *Questionnaire*

The peanut industry is an important component of the agricultural economy in the United States. As consumers and manufacturers grow increasingly interested in supply chain sustainability, multiple groups have worked to define the metrics associated with peanut production that are classified as sustainable.

A steering committee of farmers, scientists, and researchers have worked over the past 6 years to expand this effort and conduct a pilot project administered by the Flint River Soil and Water Conservation District. The primary goal of this pilot project is to build a comprehensive dataset showcasing the sustainable nature of peanut production throughout all peanut-producing regions. An additional goal of this program is to develop an educational program for growers to evaluate their farming practices in comparison with the overall dataset in order to improve their environmental and economic sustainability.

**Please read the below instructions carefully:**

This questionnaire is designed to provide useful information that can be used to evaluate the sustainability of peanut production. Individual replies will not be published. Names of respondents will not be published. **All information provided in this questionnaire will be confidential and protected.**

A percentage of respondents will be selected for verification. Verification of respondents adds significant credibility to the project. This verification will consist of a farm visit and viewing of relevant documents that support your answers. Signing and submission of this questionnaire confirms that you agree to a verification if you are selected.

Please mail your completed questionnaires to the following address:

attn: Peanut Sustainability Initiative  
Flint River Soil and Water Conservation District  
8207 GA HWY 37  
Camilla, GA 31730

Or return them by email to [info@flintriverswcd.org](mailto:info@flintriverswcd.org).

**General Information**

Name: \_\_\_\_\_

Email Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Please indicate if you grant us permission to contact you with any questions regarding your responses:

Yes \_\_\_\_\_ No \_\_\_\_\_ If yes, preferred method of contact: \_\_\_\_\_

State: \_\_\_\_\_

County: \_\_\_\_\_

State: \_\_\_\_\_

County: \_\_\_\_\_

Crop Year: 2021

How many total acres do you farm? Irrigated: \_\_\_\_\_ Non-irrigated: \_\_\_\_\_

Acres of peanuts generally produced? Irrigated: \_\_\_\_\_ Non-irrigated: \_\_\_\_\_

Average peanut yield for this season? Irrigated: \_\_\_\_\_ Non-irrigated: \_\_\_\_\_

What is your typical crop rotation cycle for peanuts?

(Years out of peanuts) Irrigated: \_\_\_\_\_ Non-irrigated: \_\_\_\_\_

(Rotation sequence (Crops)) Irrigated: \_\_\_\_\_

Non-irrigated: \_\_\_\_\_

**Management System**

Practice	YES	NO
Leave residual peanut hay in the field after harvest		
Utilize advanced precision agriculture technologies such as global position system (GPS) technology and other advanced technologies for the following activities:		
– Precision planting		
– Recording yield data maps		
– Nutrient management with mapping and/or professional consultation		
Take soil samples for professional analysis based on Extension recommendations		
Utilize a professional crop scout or crop advisor		
Plant Extension recommended peanut varieties to maximize production and minimize inputs		

**Irrigation Water Management**

Estimate your average rainfall **during the growing season** across your peanut fields? \_\_\_\_\_

Average irrigation applied during the season across your peanut fields? \_\_\_\_\_

Average number of irrigation events during the season across your peanut fields? \_\_\_\_\_

Primary type of irrigation used? (Sprinkler, Surface, Drip) \_\_\_\_\_

**What is the dominant type of nozzle system used for irrigation across your farm? (Indicate by percentage)**

High pressure	%
Low pressure	%
Low pressure drop nozzles	%

**What is the dominant energy source for irrigation across your farm? (Indicate by percentage)**

Diesel	%
Electric	%
Natural Gas	%
Other	%

**Do you utilize any of the following tools to improve irrigation efficiency?**

Irrigation Water Management Tool	YES	NO
Advanced Irrigation Scheduling Program (such as Irrigator Pro)		
Variable Rate Irrigation		
Remote soil moisture monitoring		
End-gun shutoff		
Remote pivot control and monitoring system		
Checkbook method		
Flow meter		
Other irrigation management tools (list below)		
_____		
_____		

**Operations**

What was your average moisture of peanuts when harvested? \_\_\_\_\_

What is the average distance from your fields to peanut buying point? \_\_\_\_\_

Describe the tillage system used for peanuts (check one):

Conservation tillage: \_\_\_\_\_ Conventional tillage: \_\_\_\_\_

List the number of trips across the field for each cultural practice.

**Irrigated:**

Practice	Number of Trips
Disk	
Deep Turn	
Field Cultivate	
Subsoil	
Plant	
Subsoil/Plant	
Other	

**Non-irrigated:**

Practice	Number of Trips
Disk	
Deep Turn	
Field Cultivate	
Subsoil	
Plant	
Subsoil/Plant	
Other	

**Integrated Pest Management**

Practice	YES	NO
Follow Extension and manufacturer recommended guidelines for chemical applications		
Utilize variable rate or precise chemical application		
Clean, calibrate, and sanitize equipment		
Apply measures to reduce and recycle waste and comply with all regulations regarding waste recycling		
Comply with the Federal Government Coordinated Framework for Regulation of Biotechnology through USDA-APHIS, USDA-FDA, and EPA to maintain safety of environmental and human health when growing peanuts		
Comply with the EPA Worker Protection Standard for Agriculture Pesticides, which requires personal protective equipment, extensive pesticide safety training, and other regulations to ensure farm worker safety and health		
Only use pesticides that are registered with EPA and properly labeled, carefully following application instructions		
Participate in pesticide applicator training and certification		
Adhere to all EPA regulations regarding chemical use		

**Conservation**

Practice	YES	NO
Control invasive and/or noxious weeds		
Comply with highly erodible land conservation programs through U.S. Department of Agriculture		
Comply with the U.S. Endangered Species Act to protect any listed animal or plant species from extinction by preserving critical habitat and ecosystem		
Comply with U.S. Wetlands Conservation requirements to ensure wetlands are not converted to cropland		
Utilize the USDA Natural Resources Conservation Service (NRCS) Web Soil Survey for site-specific soil data		
Participate in voluntary conservation incentive programs through UDSA and maintain a comprehensive conservation plan for the farm (programs such as Environmental Quality Incentives Program (EQIP), Conservation Stewardship Program (CSP), Conservation Reserve Program (CRP), etc.)		
Implement practices that reduce soil loss, compaction, or erosion		
Utilize cover crops		
Practice conservation tillage on the farm		
Implement soil health practices on the farm		

**Nutrient Management**

Element	Rate per acre	Application timing (Pre, Post, At Plant, other)
Nitrogen		
Phosphorus		
Potassium		
Calcium		
Other ( )		
Other ( )		
Other ( )		

**Crop Protectants**

Name of Chemical	Rate per acre	Application timing (Pre, Post, At Plant, other)
<b>Herbicides</b>		
1)		
2)		
3)		
4)		
5)		
6)		
7)		

8)		
9)		
<b>Fungicides</b>		
1)		
2)		
3)		
4)		
5)		
6)		
7)		
<b>Insecticides</b>		
1)		
2)		
3)		
4)		
5)		
<b>Growth Regulators</b>		
1)		
2)		

List average number of crop protectant applications across your farm in the table below.

Do not double count (for example, if crop protectants are applied at planting, do not count as an application trip. Or, if multiple crop protectants are incorporated during a single application, only count as one application).

Application Method	Number of Trips
Self-propelled/high cycle sprayer	
Tractor mount/pull type sprayer	
Aerial	
Injection (chemigation)	
Other	

By completing this form, I certify the accuracy of each statement as it applies to my farm operation and also certify that I maintain records that verify the truth of such statements.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date