

Sustainability Analyst

COLLECT DATA AND RUN TESTS TO DETERMINE THE ENVIRONMENTAL EFFICIENCY OF A FARM, ITS PROCESSES AND OBJECTIVES



Agtech Career Series in partnership with

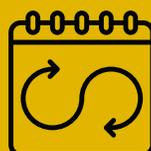


Sustainable Farming Practices Have Emerged and Are Beneficial

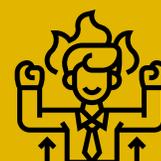
With concerns of a growing population, sustainability is critical. It directly impacts the environment and how we cope with issues like climate change. Some sustainability measurements include the quantity of waste generated and disposed of, the usage rate of an irrigation system and other natural resources, and the volume of waste products recycled successfully. Overall, sustainable farming seeks to increase profitable farm income while promoting better land and water stewardship. The key? Gathering and analyzing information!



Attention to Detail



Flexibility



Enthusiasm

Innovation Is Central to the Solution

DEVELOP METHODOLOGIES AND DOCUMENT THE STEPS TO GET MORE SUSTAINABLE ANSWERS

SUSTAINABILITY IN FARMING

One of the most significant components to farming more sustainably is using our natural resources more efficiently and responsibly. Sustainability analysts can project energy savings and the overall feasibility of sustainable practices and methods. Then, they can develop methodologies and document the steps it will take to get to more sustainable solutions.

As the agriculture industry grows, it becomes more dynamic. Innovative technologies and approaches in biology, biotechnology, chemistry, and more create new business models that help farmers approach their traditional practices with more modernity. Some examples of these new, sustainable approaches are vertical and carbon farming. Both focus on optimizing resources to produce more with less.

THE SUSTAINABILITY CONCEPT

A sustainability concept focuses on three pillars – the economy, society, and environment. At its root, sustainability is an approach that meets the needs of future generations. The very word describes something that can be 'sustained' or is 'bearable and capable of being continued at a certain level'. In our case today, we aim to prevent the depletion of natural resources. If our actions cause little, less ('do more with less'), or no harm to the natural world, we are on the right track!

What are some things you do at home to be more sustainable and contribute toward a better environment?



Job Description

LEARN ABOUT THE CHALLENGES AND BENEFITS OF PRODUCING AND DISTRIBUTING HEALTHY, AFFORDABLE FOOD IN SUSTAINABLE WAYS

CORE FUNCTIONS

- **Data Analysis** – collect, manage, track, analyze, and summarize data.
- **Sustainability Knowledge & Strategies** – find solutions to being more sustainable. Use in-depth knowledge of the industry to suggest sustainability strategies the farm can pursue.
- **Communication** – communicate in all forms (written, verbal, visual/graphic). Able to translate technical information clearly, concisely and in an accessible manner.
- **Project Management** – possess good leadership skills and can take on different projects to produce results for farmers.
- **Resourcefulness** – work as a small business using an all-hands-on-deck approach. Adapt rapidly and proactively as new responsibilities come up.

SKILLS & ABILITIES

- Thinks critically, **problem-solves** and troubleshoots issues on a farm
- Is **professional** and cooperative with farm owners and operators
- Can work with **minimal supervision** and in a team-oriented environment
- Understands **sustainability concepts** and energy efficiency practices
- Has knowledge of **data collection** and assessment techniques

Requirement

To pursue this career, you need a bachelor's degree in Sustainability, Environmental Science, Mathematics, Engineering or a related field. It also helps to have one year of related professional experience in conducting research, performing statistical analysis, and evaluating environmental issues.

Tip

Sustainability analysts typically work inside an office, and the occasional evening or weekend may be required. You will need a vehicle to travel between the office, campus locations and the businesses you serve in the local area. Minimum physical exertion is required.

Salary

\$58,038 - \$73,407 or \$36.72 per hour