



Precision Agronomy Intern Program

Description

Sentera is a leading developer and supplier of integrated analytics and sensors for precision agriculture. Based out of Minneapolis, Minnesota, Sentera builds specialized cameras, software, analytics, and drones to capture and analyze images of farm fields, providing actionable information to agronomists, growers, and researchers.

Sentera's Precision Agronomy Intern Program is the ideal program for interns who want to build crop consulting skills enabled by cutting edge precision ag technology. Sentera partners with co-ops and crop consulting firms to hire the best students, who spend the summer working toward the combined interests of Sentera and each intern's partner co-op. Sentera is seeking summer interns with knowledge, experience, and interest in agronomy, aspiring to be crop consultants, with an interest in cutting edge precision ag technology.

Program participants will contribute significantly to the business of both Sentera and the partner co-op. Program participants will spend some days at the co-op's office, some days in the field, and some days in Sentera's office. This program provides an unequalled opportunity to work with a leading co-op and use scouting technology so new it's not yet available to the public. It also offers rare, full access to the engineering team developing precision ag technology.

Duties

Co-op / Agronomy Service Provider

- Serve the needs of the co-op's customers using Sentera drones, sensors, software, and analytics.
- Fly fields with a drone equipped with precision ag cameras
- Evaluate aerial imagery
- Walk out to trouble spots identified in aerial imagery and scout from the ground
- Run Sentera analytics
 - Stand Counts
 - Weed Maps
 - Terrain Maps
 - N-deficiency Maps
- Discuss findings of aerial and ground scouting with growers
- Generate variable rate prescriptions based on aerial imagery and analytics

Sentera

- As a Sentera technology power-user, provide input to Sentera's engineering and business teams on how to improve Sentera's products
- Present to Sentera's engineering and business teams on how you use Sentera's products, including favorite workflows, creative applications, and best practices



- Work with the marketing team to develop case studies and blog posts highlighting the economic impact of aerial scouting and analytics
- Based on intimate knowledge of customer fields, fly to collect sample imagery of specific field and crop conditions to be used by Sentera's engineering team for new analytics developments
- Provide insight to Sentera's engineering team on common agriculture practices and challenges in your region

Requirements

- Experience in crop farming

Relevant Degrees

The intern should be pursuing an agriculture focused undergraduate or graduate degree.

Location

The intern will spend time at the co-op, in fields near the co-op, and at Sentera's office. Sentera's office is in Richfield, MN, near Minneapolis. Most co-ops will be located near Minneapolis, MN, or Fargo, ND, but students who already have a relationship with a co-op further away may be accommodated.

Certifications

- The intern must attain FAA Part 107 Certification as a Remote Pilot prior to beginning employment. Certification is attained by studying for and passing a written exam at a small local airport. Certification is easy, requiring approximately 10 hours of studying and 2 hours of exam time. The intern will be reimbursed for the exam fee after beginning employment.
- The intern must hold a valid US driver's license.

How to Apply

Please apply online at www.oasisdeg.com using the following:

Username: Sentera

Password: applicant

Hiring Manager's Email: HR@sentera.com

NOTE: Be sure to enter the hiring manager & title correctly to ensure processing