

# HANNAH BRUECKNER

## PRECISION AG SPECIALIST

### CONTACT

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🏠 Ames, IA

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### SKILLS

- RTK Guidance
- Yield Monitor Calibration
- Variable-Rate Prescriptions
- Grid Soil Sampling
- John Deere Operations Center
- SMS Advanced
- ArcGIS
- Data Management
- Agronomy
- Customer Training

### EDUCATION

#### Bachelor of Science

05/2021

Iowa State University

Ames, IA

Agronomy

### CERTIFICATES

#### Certified Crop Adviser (CCA)

02/2024

American Society of Agronomy

#### Commercial Pesticide Applicator

07/2021

Iowa Department of Agriculture and Land Stewardship

### SUMMARY

Precision ag specialist with 5 years supporting Iowa corn and soybean growers, now covering 140 dealer customers and about 210,000 acres. Sets up RTK guidance, runs yield monitor calibration and writes variable-rate prescriptions, then trains growers to put their data to work in John Deere Operations Center and SMS Advanced.

### EXPERIENCE

#### Precision Ag Specialist

03/2023 - Present

Prairie Star Equipment

Ames, IA

Five-store farm equipment dealer serving central Iowa growers.

- Install and troubleshoot RTK guidance and auto-steer on 85 machines a year, closing most service calls the same day.
- Perform yield monitor calibration on 60 combines before harvest, keeping logged weights within **2%** of scale tickets.
- Write variable-rate seeding and nitrogen prescriptions for 38,000 acres from soil, yield and imagery layers.
- Lead customer training for 140 growers through winter clinics and farm visits on data management and field record cleanup.

#### Agronomy Technician

06/2021 - 02/2023

Story County Cooperative

Nevada, IA

Farmer-owned grain and agronomy cooperative.

- Pulled grid soil sampling on 25,000 acres a year at 2.5-acre density with an ATV-mounted probe.
- Built fertility maps in SMS Advanced and ArcGIS for **45** growers ahead of fall application.
- Delivered same-day agronomy reports to growers after scouting 60 fields a week for weeds, insects and disease.
- Loaded prescriptions into spreader controllers, cutting misapplied acres from 4% to under 1%.

#### Field Scout Intern

05/2019 - 08/2020

Heartland Crop Consulting

Boone, IA

- Scouted 40 corn and soybean fields a week for a two-person consulting firm, logging stand counts and pest pressure.
- Collected tissue and soil samples on 3,000 acres and shipped them to the lab within 24 hours.
- Mapped weed escapes with a GPS tablet so growers could target 600 acres of resistant waterhemp.