Tyler Vasquez

PRECISION AGRONOMIST

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Summary

Precision agronomist with 6 years writing variable rate seeding and fertility plans for 70 growers on 150,000 acres in eastern South Dakota and southwest Minnesota. Cleans and studies yield data, reads satellite imagery to find problem zones, and sets up equipment displays so prescriptions actually run in the cab.

Skills

- Precision Agriculture
- Variable Rate Seeding
- Yield Data Analysis
- GIS Mapping
- Satellite Imagery
- Soil Sampling
- Equipment Displays
- Section Control
- Microsoft Excel
- Customer Service

Experience

Precision Agronomist 02/2022 - Present

Big Sioux Ag Partners Sioux Falls, SD

Ag retailer with 9 locations offering agronomy, seed, fertilizer and precision services.

- Write variable rate seeding and fertility prescriptions for **150,000** acres, delivered to growers before planting.
- Run yield data analysis on files from 4 monitor brands and present profit maps at winter planning meetings.
- Configure equipment displays, section control and guidance lines for 70 growers each spring.
- Review satellite imagery weekly in season and send agronomists to 300+ problem zones a year.

Precision Ag Specialist 05/2020 - 01/2022

Lake Region Farm Supply Watertown, SD

Farm supply cooperative with agronomy and precision departments.

- Drew management zones with GIS mapping and ran zone soil sampling on **45,000** acres.
- Built Microsoft Excel templates tracking 1,200 field records, soil tests and application rates.
- Trained sales staff and growers on precision agriculture software in 20 winter workshops.

Education

Bachelor of Science 05/2020

South Dakota State University Brookings, SD

Agronomy

Certificates

Certified Crop Adviser (CCA)

American Society of Agronomy

02/2023

Precision Agriculture Specialty (PASp)

American Society of Agronomy

03/2024