

Robert M. Henderson

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PROFESSIONAL SUMMARY

Results-oriented Crop Production Team Leader with over 10 years of experience managing large-scale corn and soybean operations. Proven track record of improving harvest yield by 15% through precision irrigation and soil nutrient management. Skilled at leading crews of 20+ workers while maintaining a perfect safety record over five consecutive seasons.

WORK EXPERIENCE

Senior Crop Production Team Leader | Midwest Harvest Group | Ames, IA

Mar 2018 - Present

- Lead a team of 25 full-time and 50 seasonal workers managing 8,000 acres of high-yield corn and soybeans.
- Increased overall farm productivity by 18% through the implementation of precision planting technology and automated soil sampling.
- Manage an annual operational budget of \$1.2M for seed, chemical inputs, and specialized labor.
- Developed a safety training program that resulted in 1,400+ consecutive days without a reportable workplace injury.
- Orchestrated harvest logistics to ensure 100% of grain reached storage facilities before peak moisture levels changed.
- Negotiated vendor contracts for fertilizer supplies, saving the organization \$85,000 annually.

Crop Growing Team Leader | Green Plains Agriculture | Lincoln, NE

May 2013 - Feb 2018

- Supervised daily operations for a 4,000-acre diversified crop farm specializing in wheat and sorghum.
- Improved irrigation efficiency by 22% by installing and monitoring moisture sensors across varied soil types.
- Reduced chemical waste by 15% through the precise calibration of spraying equipment and nozzle replacement schedules.
- Acted as the primary trainer for all new crew members on the operation of GPS-guided tractors and combines.
- Collaborated with agronomists to conduct on-farm research trials for drought-resistant seed varieties.

Lead Field Technician | Prairie View Farms | Kearney, NE

Jun 2009 - Apr 2013

- Coordinated work assignments for a team of 15 during the intensive planting and harvesting seasons.
- Maintained detailed digital records for USDA compliance regarding application of restricted-use pesticides.
- Performed over 100 on-site repairs on mechanical and electrical systems, reducing downtime by 30%.
- Facilitated weekly team meetings to discuss weather forecasts and adjust production timelines accordingly.

EDUCATION

Iowa State University | Master of Science | Agronomy and Crop Science

Aug 2007 - May 2009

University of Nebraska-Lincoln | Bachelor of Science | Agricultural Business

Aug 2003 - May 2007

SKILLS

Soil Nutrient Management, Integrated Pest Management (IPM), Irrigation System Control, Crop Rotation Planning, Herbicide & Pesticide Application, Crew Supervision, Daily Labor Scheduling, Bilingual Communication (English/Spanish), Safety Compliance (OSHA), Inventory Management, Precision Ag Software (John Deere Operations Center), GPS Guidance Systems, Drone Crop Imaging, Data Analysis & Yield Reporting, Variable Rate Technology (VRT)

CERTIFICATIONS

Certified Crop Adviser (CCA) | American Society of Agronomy (Oct 2011)
Commercial Pesticide Applicator License | Iowa Department of Agriculture (Mar 2010)

LANGUAGES

English (Native)
Spanish (Fluent/Professional Professional)

ACTIVITIES

IFA Grain Growers Conference

Regular guest speaker on the topic of utilizing drone technology for early blight detection.

Local 4-H Youth Mentor

Volunteering as a technical advisor for high school students interested in soil science careers.