

# Amina Patel

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## SUMMARY

Dedicated Agricultural Technician with over 5 years of experience in crop management, soil analysis, and precision agriculture. Proven track record of enhancing productivity through innovative techniques and technology integration.

## EXPERIENCE

### Agricultural Technician

Jan 2022 - Present

GreenHarvest Solutions, San Diego, CA

- Implemented a new soil management system that increased crop yield by 15% over two growing seasons.
- Conducted over 100 soil tests and provided actionable recommendations, resulting in a 20% reduction in fertilizer costs for clients.
- Utilized GIS technology to monitor crop health, improving irrigation efficiency and reducing water usage by 25%.

### Field Technician

Mar 2019 - Dec 2021

AgriTech Innovations, Los Angeles, CA

- Assisted in the development of an automated irrigation system which reduced labor costs by 30% and improved crop hydration.
- Analyzed pest population data and recommended integrated pest management strategies, decreasing pesticide usage by 40%.
- Trained and supervised a team of 5 junior technicians in best practices for soil and crop management.

### Junior Agricultural Technician

Jun 2017 - Feb 2019

EcoFarm Co., Riverside, CA

- Performed routine equipment maintenance, decreasing downtime by 15% through proactive servicing.
- Collaborated on a research project studying the impact of cover crops, which led to a 10% increase in organic matter in soil.
- Assisted in field trials for new crop varieties, providing data that supported a 12% increase in average yield.

## EDUCATION

### Bachelor of Science in Agricultural Science

May 2018

University of California, Davis, Davis, CA • GPA: 3.7

## SKILLS

**Technical Skills:** Soil Analysis, Crop Management, Precision Agriculture, Pest Management

**Tools & Frameworks:** GIS Software, Remote Sensing Technology, Soil Test Kits