

Maxwel C Oliveira | Resume

Weed Scientist

Role: Senior Digital Agronomist
Field: Agronomy, Weed Science
Techs: R, ARM, Python, HTML

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Summary

Results-driven scientist with over 10 years in agronomic solutions, specializing in project management, field trials, and technical strategy. Proven ability to lead cross-functional teams, manage complex projects, and build stakeholder relationships. Skilled in data analysis and utilizing trial management software. Dedicated to advancing agricultural technologies and supporting global R&D initiatives.

Experience

Senior Digital Agronomist - BASF Digital Farming GmbH Oct. 2023 - Present

- * Coordinating smart spraying research and development with xarvio for the One Smart Spray platform in the US
- * Building and maintaining strong stakeholder relationships
- * Developing agronomic digital intelligence for xarvio Field Manager

Assistant Professor - McGill University Jan. 2023 - Sep. 2023

- * Tenure-track research and teaching in Weed Science
- * Led research projects and provided technical guidance on agronomic solutions

Research and Training Coordinator - Teejet Technologies Nov. 2021 - Sep. 2022

- * Developed strategies for product positioning
- * Maintained relationships with stakeholders and conducted training and facilitated technology transfer

Professor - Universidade do Oeste Paulista Jan. 2020 - Feb. 2021

- * Non-tenure-track research and teaching in Agronomy and Weed Science

Post Doctoral Researcher - University of Wisconsin-Madison Jan. 2018 - Sep. 2021

- * Developed and implemented a research and extension program
- * Managed multi-state research projects and led a team of students
- * Engaged with stakeholders through field days, on-farm research, and extension meetings

Ph.D. Candidate - University of Nebraska-Lincoln Jan. 2014 - Dec. 2017

- * Conducted field-based research on herbicide resistance in Amaranthus species
- * Worked extensively in the herbicide evaluation program
- * Developed and implemented analytical methods using R for data analysis and interpretation

Education

Ph.D. in Agronomy (Weed Science) - Lincoln, Nebraska Jan. 2014 - Dec. 2017

- * Thesis: Evolution of HPPD-inhibitor herbicide resistance
- * Developed methods to assess metabolic herbicide resistance and hybridization

MSc in Agronomy (Weed Science) - Diamantina, Brazil Jul. 2011 - Jul. 2013

- * Dissertation: Competition of *Richardia brasiliensis* and *Commelina bengalensis* in Corn

BSc in Agronomy - Diamantina, Brazil Jan. 2006 - Jun. 2011

- * Thesis on rehabilitation of degraded areas