

THOMAS JOSÉ JUSTO MIORINI

Birthdate: March 14th, 1987

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OBJECTIVE

Currently as Post-Doctoral Research Associate at University of Nebraska –Lincoln and with a strong background in chemical control of field crop diseases and also research in laboratory and greenhouse, my objective is to find a position within the Research & Development sector that will build upon my existing skills and also allow me to learn new methods and techniques to improve crop production. My English skills are intermediate to advanced, which would qualify me for a position that requires communication in English.

INDUSTRY EXPERIENCE

- **Research at Agricultural Research and Development Center (CPDA)** –research was conducted at Arysta Life Science in Pereiras/SP.
 - Nov. 2015 - Mar. 2016: three projects were contracted for this company to know the effect of new fungicides on *Sclerotinia sclerotiorum* in dry bean and soybean.
 - During my Doctorate degree, projects were performed using a detached leaf bioassay. Projects were focused on: quimigation strategies, ground application using adjuvants, effects of rain after fungicide application, and chemical quantification to determine the concentration of three fungicides (fluazinam, procymidone and thiophanate methyl) applied by ground application.
- **Internship at Bayer CropScience in Experimental Station (EAE)** – performed in Paulínia/SP in 2009. My internship involved assisting with multiple fungicide trials on dry bean, maize, wheat, potato, citrus, and cereal crops. My duties were to follow and support all research projects that were being conducted with fungicides.

RESEARCH EXPERIENCE

- **Currently I am a postdoc researcher in Department of Plant Pathology - University of Nebraska – Lincoln** (UNL). It is my fourth time at UNL and my project is focused on characterizing the pathogen aggressiveness, mycelial compatibility, genetic variation and fungicide sensitivity for 7 fungicides in *S. sclerotiorum* isolates collected in Brazil, USA and Argentina.
- **Application methods and fungicides residues evaluation applied for white mold control in soybean and dry bean (Dissertation Research)** – My Ph.D. research was conducted jointly at Sao Paulo State University (UNESP) and Arysta Life Science. The overarching goal of my research was to improve control of white mold disease in dry bean and soybean and use a new method to indirectly determine the residual effect of fungicides.
- **Determination of Best Irrigation Practices for Dry Bean** (Thesis Research) – My Master's research focused on irrigation timing and phenological stage to maximize yield. Results showed that improved irrigation timing could increase yield.

EDUCATION

Ph.D. Agronomy (Specialization in Plant Protection), UNESP Mar. 2012 – Dec. 2015

- Dissertation: “Application methods and fungicides residues evaluation applied for white mold control in soybean and dry bean”
- Adviser: Dr. Carlos Gilberto Raetano
- Included projects conducted at Arysta LifeScience and UNL

M.S. Agronomy (Specialization in Irrigation and Drainage), UNESP Jan. 2009 - Feb. 2012

- Thesis: “Yield of dry bean under irrigation suppression in different phenological phases”
- Adviser: Dr. João Carlos Cury Saad

B.S. Agronomy, UNESP

Feb. 2005 - Dec. 2009

Leadership Roles: participated in a group called “CENAGRI Jr.” as member (2005-2006), financial-director (2007) and president director (2008-2009). Our goal was to prepare students for a career of agriculture. My role was to promote seminars, workshops, lectures, and technical visits to the industries and farmers, for a total of 21 organized events.

PROFESSIONAL PRESENTATIONS AND TRAINING

Poster and oral presentation (total of 47) at:

- APS North Central Division Meeting (2015-2016)
- Brazilian Plant Pathology Meeting (2013 and 2014)
- Sao Paulo Plant Pathology Meeting (2014)
- Plant Protection Meeting (2013)
- ASA-CSSA-SSA Annual Meeting (2011 and 2012)
- Special seminar on Interpretation of GLP Standards at Arysta LifeScience (2013)

Attended Seminars, Meetings, and Workshops (total of 61), including:

- Agrishow, Ribeirão Preto, SP (2006 and 2011)
- Agrifam, Agudos, SP (2006 and 2007)
- Intensive English Program at UNL for 2 months (2011)

REFERENCES

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