

Mariana Neves da Silva, MSc.

e-mail: mnevesdasilva@ufl.edu

Profile

Master in Crop Science, Bachelor in Biology. Research experience gained during graduate and master's degrees and professional experience in multinational company, acquiring valuable skills on research and development in agriculture.

Education

2019 - present: **PhD Student in Horticulture Science Department**
University of Florida

2016 – 2018: **Master in Crop Science**
University of São Paulo, "Luiz de Queiroz" College of Agriculture – Brazil

Title: Physiology of low-chilling requirement blueberry plants, growth in subtropical climate.

Scholarship: CAPES

Work fields:

- Plant physiology, phenology and propagation (photosynthesis, starch and sucrose extraction, development phases, production and vegetative propagation of blueberry varieties).
- Fruit crops field management.

2017: **Teaching internship**
University of São Paulo, "Luiz de Queiroz" College of Agriculture, Brazil

Course: Temperate Fruit Crops

Scholarship: PAE

Activities:

- Support teachers on class presentations, content update, tests and field classes.

2009 – 2012: **Bachelor in Biology**
Nove de Julho University, Brazil

Title: Isolation and identification of chemical components from hexanic extracts of *Croton Sphaerogynus*.

Scholarship: CNPQ

2015 – 2016: **Specialist in Plant Protection**
University of Vicosa, Brazil

Content:

- Pests and diseases control; toxicology and environmental impact of chemical products; legislation and standards on plant health; application technology; epidemiology; biological control; weed management.

Publications

SILVA, M. N.; SALATINO, A.; DOMINGUES, B. G.; MOTTA, L. B: Isolation and identification of chemical components from hexanic extracts of *CrotonSphaerogynus*. In: 19° International Symposium of Scientific Initiation. University of Sao Paulo, Brazil. 2011.

BEZERRA, R. L.; SILVA, M. N.; DAVID, C. J.; FILHO, H.O.; CRUZ, A. G. A. Distribution of *Hydrocotyle bonarensis* on the sand of Itaguare beach, Bertioga, São Paulo. In: VII Scientific Initiation, Sao Paulo: UNINOVE 2010.

NACATA, G.; SILVA, M. N.; SILVA, S. R.; RÖDER, C. Amino acids can ease stress effects on avocado trees. *Campo & Negócios*. 2018.

Extracurricular Courses

- 2015: Strategic Thinking - *Harvard Business School (on-line course)*
- 2015: Innovation Implementation - *Harvard Business School (on-line course)*
- 2011: Plant Virology - *Biology Institute, Brazil*
- 2010: Medicinal Plants - *University of São Paulo, Brazil (short-time course)*
- 2009: Environmental Consulting - *University of São Paulo, Brazil (short-time course)*

Languages

- Brazilian portuguese (native)
- English

Professional History

Sep/2013 – Jul/2015: R&D Contracts Analyst

BASF (Chemical Company)

- Analysis of protocols and agronomic efficacy reports for agricultural products registration (fungicides, insecticides and herbicides) checking biological targets (diseases, pests and weeds), crops and agrochemicals under study phase.
- Monitoring of payments flow, reports receiving, contracts, samples shipment and budget.
- Constant relationship with researchers and research institutions (technical visits on the field and on laboratories) in order to follow the studies progress and solve doubts and problems regarding each study.

Jan/2013 – Sep/2013: Information Analyst

BASF (Chemical Company)

- Support in innovative solutions for agriculture, gathering and analyzing data, technical dossiers and efficacy reports for scientific events. Analysis of studies regarding patentability (intellectual property), on-line research about novelties in order to assemble data for agricultural products development.

Sep/2011 – Dec/2012: Internship

BASF (Chemical Company)

- Support in contracting and analyzing agronomic efficacy trials for agrochemicals registration.

Mar/2010 – Sep/2011: Internship

University of São Paulo

- Research project with *Croton* spp. in the Phytochemical of the University.