

CERSA Internship Program Brief 2023

Time of Program: mid-May 2023- mid-August 2023

Submitted by: Makhteshim Agan of North America (d/b/a ADAMA)

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Location: Hybrid

Travel: No travel is expected.

Brief Description of Company/Agency:

ADAMA is a Syngenta Group Company. We are a global leader in off-patent crop protection, with sales in more than 100 countries. With a culture that empowers its people to listen to farmers and integrate what they learn in order to deliver what customers need, the company provides a wide range of solutions that combat weeds, insects and disease. In the United States, the portfolio consists of more than 85 individual active ingredients (a.i.'s) and 225+ end use products (fungicides, herbicides, insecticides and plant growth regulators) that contain those a.i.'s, either as solo formulations or in combination to provide differentiated solutions to growers. While ADAMA is the basic manufacturer of several of these a.i.'s, the majority are off-patent.

Internship Program Description:

The intern will perform a US-centric lifecycle analysis of key pesticidal active ingredients in ADAMA's portfolio for the next 5 years inclusive of the following:

- Interview internal subject matter experts, both domestic and global, and conduct research to understand risks of regulatory scientific significance (such as PFAS, pollinators, endangered species, and endocrine disruption) for these a.i.'s., and prepare a comprehensive summary on potential impacts for the North America ADAMA portfolio.
- Compare individual product attributes against a sustainability index to ensure future solutions are sustainable for the company and its customers.
- Shadow the NA Head of Regulatory Affair and Sustainability for mentorship on regional and global sustainability initiatives, with a focus on opportunities for ADAMA in support of regenerative agriculture.

Upon completion, the intern will present the outcome of the comprehensive analysis and make recommendations for delivering sustainable solutions to the ADAMA Executive Leadership Team.

Outcomes from this Opportunity will include:

The student will become immersed in understanding the science underlying a company's pesticide product registrations and connect crop protection practices to sustainability. He/she will engage collaboratively within the company at the local, regional and global levels and will gain exposure to the partnership between the Regulatory and Commercial teams in implementing strategies to achieve business success. In the process, the student will have the opportunity to refine his/her communication and presentation skills, as well as experience working in a professional environment.