

Careers in Weed Science

Neha Rana: Regional Technology Development Lead at Bayer CropScience

Primary duties

Determine and demonstrate systems value and agronomic fit of germplasm, traits, chemistry, seed applied solutions, and other products in the region.

Work closely with business to develop and execute short to mid-term, technical business strategies.

People development, people review, performance evaluations, succession planning, and goal setting of direct reports.

Engagement with internal and external stakeholders.

What do you love about your job?

Working in agriculture knowing that we need more food to feed more people around the globe. The satisfaction of working towards providing a solution to a farmer/grower. One of the first weed science projects that I worked on (Management of Conyza and Ageratum sp.) made me curious to learn more about the applied field of weed science and apply for graduate school in the United States.

What is exciting about the future of weed science?

Drone imagery/applications, role of molecular biology in weed science, genome sequencing and implications working in tandem with applied science.

Imparting wisdom

Don't be a perfectionist.

Continue to be your best, don't hesitate to try new things, and push the boundaries.



Education

B.S. Panjab University, India

M.S. Panjab University, India

Ph.D. University of Florida, USA

Involvement in Professional Societies

North Central Weed Science Society

Weed Science Society of America

Path to current role

Product Assessment Scientist (4 yrs)

Technology Development Manager (3 yrs)

University of Nebraska Post Doctorate (<1 yr)

Other interests?

Spending time with family

Hiking

Reading

If you are interested to hear more about Neha's story or ask any questions, you can email her at neha.rana@bayer.com