

End to end development and commercialization of a Crop Protection Chemical for a leading US based generic multinational player

Client - US based generic multinational Agro business player and among the top global generic companies in Agro business Space

Program

- End to end development of the Technical (Active Substance) including, RoS scouting and route optimization, Method Development
- Construction of a dedicated manufacturing site for Agrochem business
- Manufacturing of Registration batches and support on all Registration filings
- Commercial supplies

Challenge

- First time handling of Agrochem products with all the required segregations and quality levels
- Finalization of RoS considering the IP challenge and timeline
- Meeting cost targets to have commercially viable final product
- Meeting the local and global regulatory requirements for an Agrochem site

Solution

- Laurus IP team coordinated with R&D team to arrive at a process which is IP free and cost effective
- Dedicated teams from R&D and Analytical on the process development
- Biweekly meetings with customer to update on the progress and change course if required
- Laurus team took help from external consultant as well as had extensive discussions with Government/ Regulatory Authorities and customer to meet the requirement
- Built a commercial manufacturing block in a dedicated campus for handling crop-science products in record time

Outcome

- Process Development is completed with target cost achieved as per customer expectation
- Pilot plant completed in the site identified after required approvals
- Registration batches have been completed and supplied to customer for 5 batch analysis
- Specifications have been finalized in discussions with customer and registration process started for USA, Mexico, Peru, Argentina.
- Another 8 batches planned for further studies
- Designing of site under progress; construction expected to start from Jan'24. Commercial production from Sep'24