

sagentia

Residue Free Pesticide



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Physics enabled chemistry

Pesticide use and residues remain contentious and a key concern for end-consumers of foods; our client identified a concept for an effective yet rapidly degradable pesticide, which had a number of barriers to deployment.

Sagentia developed processes for the creation, shelf life control, mixing and metering, spray control, and dose measurement for the new pesticide concept, creating a fully closed-loop system with built-in safety system.

Our team tested the new system for efficacy against gold standard pesticides with positive results, allowing our client to take the technology concept to the next level of development, moving towards market realisation.

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