Introducing ADJUWEX™: Clariant’s innovation shift to glufosinate herbicides

- Tailor-made glufosinate adjuvants for better weed control
- High-powered toolbox called ADJUWEX for a variety of formulation options with very good performance vs current prominent sector alternatives
- Solutions for TANK-MIX and IN-CAN; suited to drones & other new application technologies

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Regulatory pressure, more herbicide-resistant weeds, climate change, evolving consumer needs. As challenges in tackling weed desiccation and re-growth escalate for crop farmers, Clariant offers the support of ADJUWEX, a new high-performing set of tested products to tailor-make effective glufosinate formulations for local circumstances and needs.

Glufosinate formulations have emerged among the most promising candidates in the urgent search for alternative herbicide solutions to ensure vital crop growth and ultimately global food security. However, a one-size-fits-all formulation does not exist. The most effective composition can vary widely, based on a variety of aspects including climate, soil, the crop, and application conditions.

“A deep understanding of individual needs is essential for effective weed and growth control based on glufosinate. And this is where ADJUWEX will offer a much-needed smart helping hand to our customers,” comments Fabio Caravieri, Head of Global Marketing, BU Industrial & Consumer Specialties, Clariant. “We have merged our wide-ranging global expertise in crop protection and conducted extensive tests to determine the needs of glufosinate formulations and boost their effects in the field, under many different conditions. The result is a versatile set of adjuvant products and formulation options, backed by global technical support. It gives customers the flexibility and confidence to tailor their formulations to their own conditions and needs.”

To help customers choose the optimal glufosinate-based formulation for their challenge and country, the toolbox supports crop protection companies on practical as well biological efficacy and yield-related considerations. It ensures both Tank-Mix and In-Can customers benefit from effective weed desiccation and prevention of re-growth by addressing priorities like drift control, rain fastness, and all-round boosting of bio-efficacy through active ingredient compatibility. The products show very good performance versus current prominent sector alternatives, proven in lab and field tests.
ADJUWEX is unique in offering solutions suited to new application technologies including drones. Moreover, the products have been extensively trialled in several crops worldwide for precision farming.

Discover more about ADJUWEX support in this video.

Explore the new ADJUWEX concept at ISAA 2022 Booth 12, April 24-29, 2022, Bordeaux Congres Center, Bordeaux/France. For more information visit www.clariant.com/ISAA-Symposium.

If you are interested in a written or phone interview with one of Clariant's experts please contact Stefanie Nehlsen, stefanie.nehlsen@clariant.com.

![Photography of field test for 150 SL formulation with Synergen® GA on corn](image)

*Photo documentation of field test for 150 SL formulation with Synergen® GA on corn.*
Clariant is a focused, sustainable and innovative specialty chemical company based in Muttenz, near Basel/Switzerland. On 31 December 2020, the company employed a total workforce of 13,235. In the financial year 2020, Clariant recorded sales of CHF 3.860 billion for its continuing businesses. The company reports in three business areas: Care Chemicals, Catalysis and Natural Resources. Clariant’s corporate strategy is led by the overarching purpose of ‘Greater chemistry – between people and planet’ and reflects the importance of connecting customer focus, innovation, sustainability, and people.