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Novel herbicide technology to enter Asian markets for grass weed control in paddy field

17 May 2023 | News

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FMC Corporation and Syngenta Crop Protection have signed an agreement to bring weed-control technology to Asia. The newly developed active ingredient, tetflupyrolimet, was discovered and developed by FMC with support from Syngenta for rice development. DHODH - HRAC Group 28 is the first major herbicide with a novel mode of action in over three decades, providing relief to farmers who struggle with weed resistance.

In accordance with the agreement, FMC and Syngenta will each bring tetflupyrolimet-based products to key rice markets in Asia. FMC will register and commercialize tetflupyrolimet, as well as a broad array of tetflupyrolimet formulations for rice throughout Asia. In the China rice market, FMC will focus on mixtures only. Syngenta will register and commercialize the compound and an array of products in China for the rice market. It will also offer mixtures for use on rice in India, Vietnam, Indonesia, Japan and South Korea. Syngenta will also commercialize the compound for rice in Bangladesh.

In addition, FMC will register and commercialize tetflupyrolimet and a full portfolio of tetflupyrolimet formulations in markets globally for rice and other crops.

"Tetflupyrolimet is a transformative herbicide that provides season-long control of important grass weeds with just one application in the growing season," said Diane Allemang, FMC executive vice president and chief marketing officer. "Due to its new mode of action, tetflupyrolimet has no known cross-resistance and will provide millions of growers around the world with a critical weed management tool. It provides outstanding residual control with very low dose rates and an exceptional

sustainability profile."

Tetflupyrolimet enhances rice yield and quality by controlling destructive grass weeds that compete with the crop for water, nutrients, light, and space. In addition to being easy to apply to traditional transplanted rice, the herbicide is also highly suited to direct-seeded rice.