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Corteva announces new Paxeo technology against Eleusine indica

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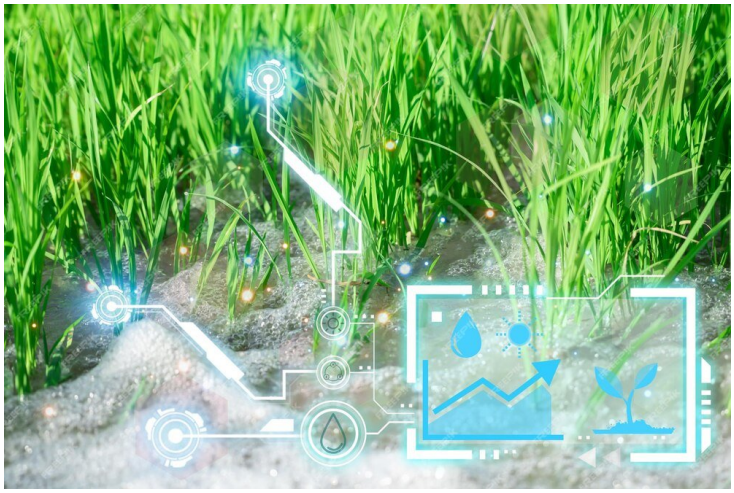

Corteva Agriscience has launched its new herbicide, Paxeo, in Brazil to control various broadleaf and narrowleaf weeds for a long time.

Among these targets isÂ *Eleusine indica*, commonly known as goosegrass, which is one of the main weeds in soybean crops. According to the Brazilian Association for Action Against Weed Resistance to Herbicides,Â*Eleusine indica*Â can potentially cause losses of up to 80% in productivity. Goosegrass is considered a difficult-to-control weed and is present not only in soybeans but also in corn, cotton, beans, sorghum, and wheat. This weed is characterized by forming multiple plants close together, forming a tuft, making it challenging to apply pesticides and, consequently, achieve effective control.

Effective management is often only possible with different management strategies, combining pre-emergent, and post-emergent applications, and the use of contact herbicides subsequently.

Paxeo is a solution belonging to a new family of Corteva soybean desiccation herbicides, combining excellent post-emergent action in controlling the main broadleaf weeds. The product has residual and systemic action, long-lasting control, and is formulated with Arylex Active technology, without antagonism with grass herbicides. After application, the herbicide is absorbed by the leaves and roots, with the main translocation route in the phloem, allowing it to act on the root system and growth points of these weeds.

In addition to goosegrass, Paxeo is efficient in controlling various weeds common to soybeans, such as hairy fleabane (*Conyza bonariensis*), sourgrass (*Digitaria insularis*), morning glory (*Ipomoea grandifolia*), hairy beggarticks (*Bidens pilosa*),

false buttonweed (*Spermacoce verticillata*), and wandering Jew (*Commelina benghalensis*), among others.

"To ensure that soybeans continue to achieve successive records of productivity, profitability, and planted area, the producer must identify the existing weeds in the region, know the damage and losses caused by them, and implement effective management, avoiding losses due to weed competition," emphasizes AndrÃ© Baptista, Herbicide Portfolio Leader at Corteva for Brazil and Paraguay. "Goosegrass is one of the main weeds present in Brazil, and now soybean growers have Paxeo as an effective solution for pre-emergent control," Baptista said in conclusion.