



## USE OF RINSKOR™ ACTIVE IN LATIN AMERICA: A NEW ARYLPICOLINATE HERBICIDE WITH UTILITY IN RICE AND OTHER CROPS

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The control of weeds in rice and other crops in Latin America poses a challenge for farmers because of high weed diversity, high dependence on chemical control, herbicide-resistance, water scarcity, and poor non-chemical approaches. Corteva Agriscience is developing Rinskor™ active, a member of the arylpicolinate family of chemistry, a new structural class of synthetic auxin herbicides (HRAC Group O). Rinskor has broad spectrum activity on grass, sedge, and broadleaf weed species with global utility in rice and other crops. Several trials were conducted in 12 Latin America countries to validate the broad-spectrum activity of Rinskor in rice fields. Rinskor applied at post-emergence timing provided effective control of *Echinochloa colona*, *Echinochloa crus-galli*, *Urochloa plantaginea*, *Rottboellia cochinchinensis*, *Cyperus difformis*, *Cyperus iria*, *Cyperus rotundus*, *Cyperus esculentus*, *Murdannia nudiflora*, *Commelina diffusa*, *Heteranthera* spp., *Sagittaria* spp., *Monochoria vaginalis*, *Aeschynomene* spp., *Ludwigia linifolia*, *Ipomoea hirta*, *Bidens pilosa*, and *Portulaca oleracea*, with additional suppression on other key weed species. Rinskor causes the crown grass and sedge weeds to swell and become necrotic, while broadleaf weeds exhibit epinasty. This unique spectrum of activity, combined with the ability to control ALS-, ACCase-, propanil-, and quinclorac-resistant weed species will position Rinskor as an excellent herbicide alternative for weed control, and to better manage herbicide resistance in rice and other crops. In Latin America, Rinskor is registered in Chile, Ecuador, Peru and Nicaragua, registrations in Argentina, Colombia, Dominican Republic, Uruguay, and Bolivia are expected in 2018 and Panama and Brazil in 2019. Rinskor is also registered in USA, China and Korea.

**Palavras-chave:** Broad-spectrum, herbicide-resistance, alternative MOA, arylpicolinate

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