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Syngenta unveils new effective fungicide to protect barley crops in New Zealand

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MIRAVIS®Â Flexi is a fourth generation SDHI fungicide (Group 7) from Syngenta and is powered by the active ingredient ADEPIDYN®Â technology. It is a new active ingredient for barley growers offering powerful activity and long-lasting control of these key diseases.

â??Barley growers understand that Ramularia leaf spot and scald can both cause significant yield losses if not properly controlled, so theyâ??ll be pleased to know that based on seven years of pre-release trialsÂ by Syngenta and our industry partners, MIRAVIS®Â Flexi provides market-leading control of Ramularia. Multiple trials have demonstrated significantly higher levels of control of this disease compared to older generation SDHI fungicides" says Paul Hassan, Technical Services Lead for Syngenta New Zealand.

After applying MIRAVIS® Flexi preventatively, a reservoir of ADEPIDYN® technology is formed within the waxy layers of the leaf. From here, the active ingredient moves acropetally, from base to tip and into the leaf tissue over an extended period, delivering very long-lasting disease control.

Paul Hassan, further adds â??When MIRAVIS®Â Flexi is sprayed onto the leaf, it moves steadily towards the tip via the xylem protecting the whole leaf.Â The yield-building leaves are protected from the damaging effects of disease for longer, keeping the canopy green and driving yield.â?•

â??MIRAVIS® Flexi is a solo-active formulation, which means growers have the flexibility to add the most suitable tank-mix partner to control the spectrum of diseases that present a threat at the time. It has been thoroughly tested with other products

and has shown excellent compatibility with a wide range of other fungicides, insecticides and plant growth regulators that may be used in a tank mixture with itâ?•.

MIRAVIS Â® Flexi is best used at T2 â?? typically GS39-49 â?? to take best advantage of its high efficacy on Ramularia. MIRAVIS Â® Flexi should always be applied preventatively and at a rate of 1.2 L per hectare in mixture with another approved, non-cross resistant fungicide recommended for the control of the same target disease. The addition of an approved triazole fungicide is recommended. Make no more than two applications per season or any foliar sprays containing a group 7 fungicide.

Paul concludes: â??Syngenta has a long history of providing high-quality fungicide solutions to the cereal market including AMISTAR Â® and ELATUS Â® Plus. MIRAVIS Â® Flexi is the third product from the MIRAVIS Â® fungicide family to be launched in New Zealand following the introduction of MIRAVIS Â® 200SC for potatoes and MIRAVIS Â® Prime for grapes.â?•