

# **RAIKIRI**™

SELECTIVE HERBICIDE FOR GRAIN AND FORAGE MAIZE



# RAIKIRI™

## WHAT IS RAIKIRI™ ?

**RAIKIRI™ is a selective herbicide for the control of annual broad-leaved weeds and barnyard grass in grain and forage maize.**

RAIKIRI™ contains Mesotrione, which controls annual broad-leaved weeds for foliar use. The activity of RAIKIRI™ is mostly by foliar uptake and to some extent by soil uptake. RAIKIRI™ is rapidly absorbed through the leaves and moves to the growing point.

### QUICK FACTS

Brand:	RAIKIRI™
Product Group:	herbicide, 4-HPPD inhibitor
Crops:	grain and forage maize
A.I.:	Mesotrione 100 g/L
Formulation:	SC
Max. individual Dose:	1 L/ha, Water volume 200-300 L/ha



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## RESISTANCE MANAGEMENT

RAIKIRI™ contains Mesotrione which is from a group of herbicides referred to as 4-HPPD inhibitors. This class of compounds acts by disrupting the synthesis of certain plant pigments involved in photosynthesis.

At the present time there is no known cross-resistance to Mesotrione in weeds that exhibit resistance or reduced sensitivity to other herbicides with different modes of action.

The use of RAIKIRI™ in mixtures and sequences with other herbicides approved for use in grain and forage maize crops and with a different mode of action is recommended to help to reduce the development of resistance.

As herbicides in the group of 4-HPPD inhibitors are currently only available in maize crops, crop rotation with the use of herbicides with a different mode of action will also help to reduce the development of resistance.





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## PRODUCT USE

Apply RAIKIRI™ at 0.75-1.5 litres per ha in 200-300 litres of water per hectare. Select the dose rate from within this recommended range according to the weed species present, see “WEEDS CONTROLLED”. Select the most appropriate water volume from within this recommended range to give good even cover of the weed foliage. Use the minimum water volume (200 litres per ha) wherever possible, but the higher volume (300 litres per ha) may be required if the weed foliage is dense. Do not exceed the maximum recommended water volume. Use a conventional hydraulic nozzle field crop sprayer with suitable nozzles operating at a pressure of 2-3 bar to apply a MEDIUM quality spray (BCPC). The use of any tank mix adjuvant with Barracuda is not required and is not recommended.





## EFFICACY

RAIKIRI™ applied at 0.75 or 1.5 l/ha will control the broad leaf weed species listed in the table below, as well as Common barnyard grass (Echinochloa Crus-Galli), from emergence until the maximum growth stage as listed in the table:

Weed Species	0.75 l/ha*	1.5 l/ha*	Maximum Growth Stage (BBCH) or Size Controlled
Solanum Nigrum	S	S	10 leaves or 15 cm
Sinapis Arvensis	S	S	Flowering
Amaranthus Retroflexus	S	S	8 leaves or 10 cm
Echinochloa Crus - Galli	-	MS	1 tiller
Stellaria Media	S	S	10 cm diameter
Chenopodium Album	S	S	12 leaves or 20 cm
Viola Arvensis	S	S	6 leaves
Oilseed rape (volunteer)	S	S	6 leaves
Sonchus asper	MR	S	6 leaves
Polygonum Persicaria	MS	MS	6 leaves or 10 cm

\* S= Susceptible, MS = Moderately Susceptible, MR = Moderately Resistant

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**ALWAYS READ THE LABEL: USE PESTICIDES SAFELY**

