



Resistance management recommendations and proposals for fungicides not included in current working groups as requested by manufacturers

COMPOUND (ISO common Name)	Bupirimate
FRAC GROUP CODE	Group 8
GROUP NAME	Hydroxy-(2-amino)-pyrimidine
MODE OF ACTION GROUP	A: Nucleic acids metabolism
TARGET SITE AND CODE	A2: Adenosine-deaminase
Uses	Control of powdery mildews in various crops (e.g. pome fruits, stone fruits, grape, cucurbits, ornamentals, strawberries, gooseberries, currants, raspberries and other crops)
Resistance Status	Medium risk. Resistance and cross resistance to other Group 8 fungicides known in powdery mildews. Resistance management required.
Resistance Mechanism	Adenosine-deaminase inhibition. Bupirimate acts by inhibiting the sporulation, spore germination and mycelial growth.
Recommendations	Always apply the product as part of a mixture or in sequence with other non cross-resistant fungicides from a different fungicide group with a different mode of action. Restrict the number of treatments to maximum four applications per season. Always maintain the recommended dose rates for field use as stipulated by the manufacturer of the fungicide. Avoid eradivative use.
Requested by / date Last Revision	ADAMA Ltd. / August 2023 October 2023
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