

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

Compound	Fenpicoxamid
GROUP NAME	Picolinamide
FRAC MoA Code	21
TARGET SITE AND CODE	C4 complex III cytochrome bc1 (ubiquinone reductase) at Qi site
Uses	<ul style="list-style-type: none"> • Zymoseptoria tritici, Puccinia striiformis and Puccinia triticina control in wheat, rye, triticale, spelt. • Mycosphaerella fijiensis control in banana.
Resistance Status	<ul style="list-style-type: none"> • Field resistance not currently known to this molecule. • Resistance risk unknown but assumed to be medium to high risk. • Resistance management required. • Active annual resistance monitoring program for Zymoseptoria tritici, and Mycosphaerella fijiensis
Resistance Mechanism	<ul style="list-style-type: none"> • Unknown in Zymoseptoria tritici, Target site mutations conferring resistance in yeast have been demonstrated in laboratory studies. • No spectrum overlap with the oomycete specific Qil actives cyazofamid and amisulbrom.
Recommendations	<p>Recommendations for cereals</p> <ul style="list-style-type: none"> • Apply picolinamides preventatively. • Apply a maximum of 1 picolinamide containing spray per crop. Fenpicoxamid should always be applied in mixture (co-formulation or tank mix) with a partner(s) from a different cross-resistance group which provide(s) robust control of Zymoseptoria tritici. • Always follow product specific label recommendations for resistance management. <p>Recommendations for bananas</p> <ul style="list-style-type: none"> • See most recent FRAC banana WG use recommendations - summary table. • Apply always in mixture with other fungicide(s) with a different mode of action and which provide effective control against M. fijiensis.
Requested by / date	Corteva Agriscience, 3 rd March 2019
FRAC SC approval / date	17 th of April 2019