

Resistance status and resistance management recommendations for fungicides not covered in current FRAC working groups or expert fora

COMPOUND(S) (ISO COMMON NAME)	Cymoxanil
FRAC GROUP	Group 27
GROUP NAME	Unknown mode of action
MODE OF ACTION GROUP	U - Unknown
TARGET SITE AND CODE	U27 – Unknown mode of action
Uses	<i>Plasmopara viticola</i> in grapes, <i>Phytophthora infestans</i> in potato and tomato; Downy mildews in hops, pea, cucurbits, lettuce, bulbs, spinach, leek, artichoke and other vegetables.
Resistance Status	Resistance documented in <i>P. viticola</i> with reduced sensitivity reported from different grape-growing regions. No resistance reported in <i>P. infestans</i> and other downy mildews. Low to medium risk.
Resistance Mechanism	Unknown
Recommendations <i>Resistance management strategies might differ in regions or countries because of different disease pressure or national guidelines/regulation.</i>	Use always in mixture with another fungicide active on the target diseases. Apply preventatively. The number of applications of cymoxanil-containing products should be restricted: Potato and Tomato: 6, Hops and other crops: 4. On grapes, the number of applications should not exceed 33% of the total period of protection against downy mildew. Always follow product specific label recommendations for resistance management.
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