



Willaertia magna C2c Maky lysate

A new large spectrum biocontrol agent against plant diseases

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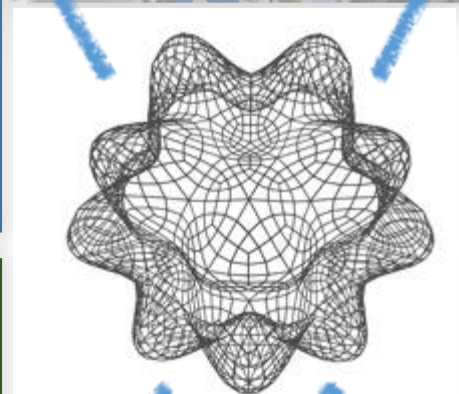
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1500 m² of production

White Biotech

- Biocide
 - Water treatment CT
 - Waste water plant
 - Surface treatment in food
 - Surface treatment in air



400 m² of lab



Red Biotech

- Skin disinfectant
 - Wound care
 - Cosmetology

Green Biotech

- Biocontrol agent
 - Grape downy mildew
 - Potato late blight
 - Rusts
 - More coming soon

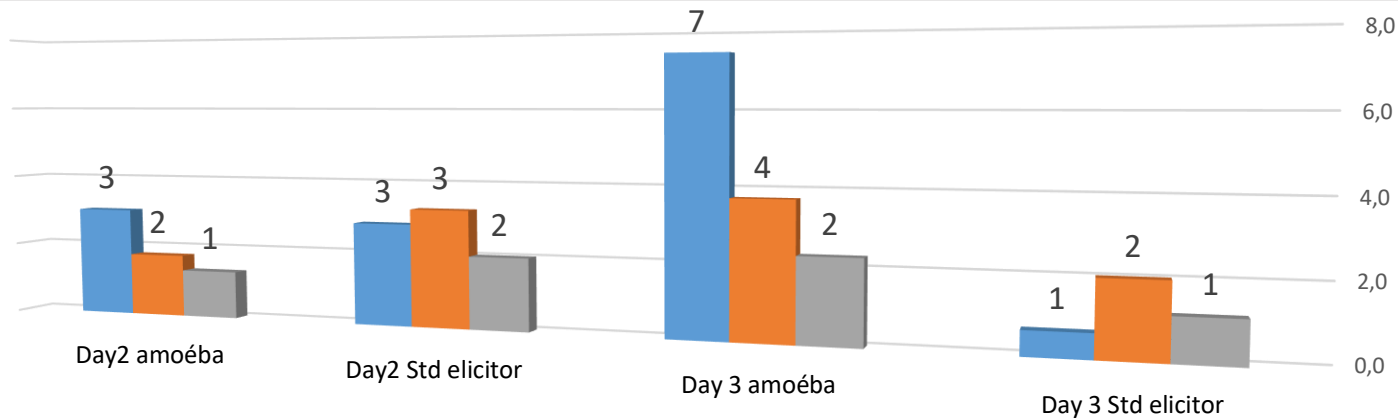
Blue Biotech

- Fish Aquaculture

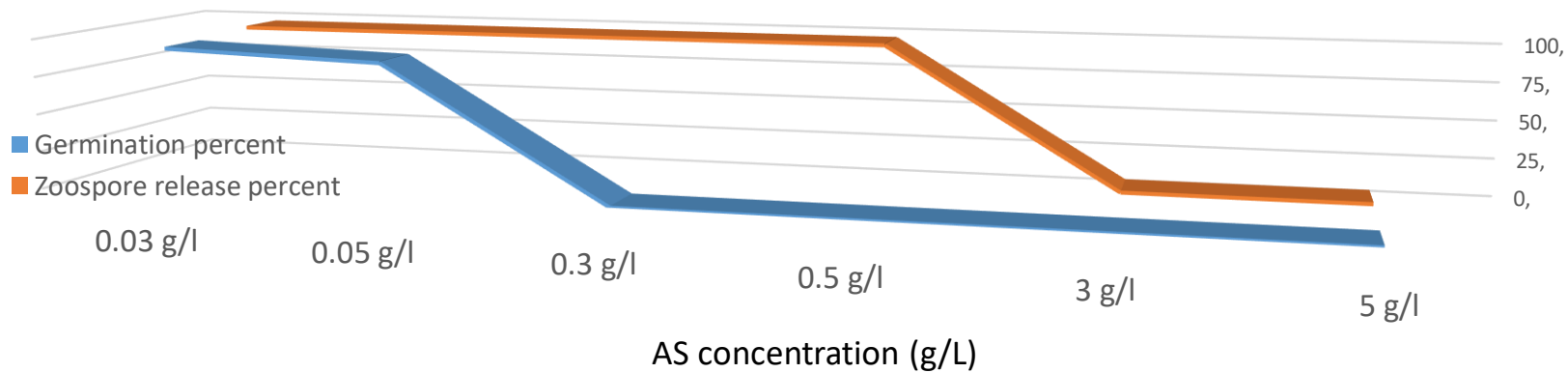
A double Mode of Action

Elicitor effect detection by qPFD® (expression of 28 defense genes – qPCR)

■ PR1 ■ PR4 ■ PR5

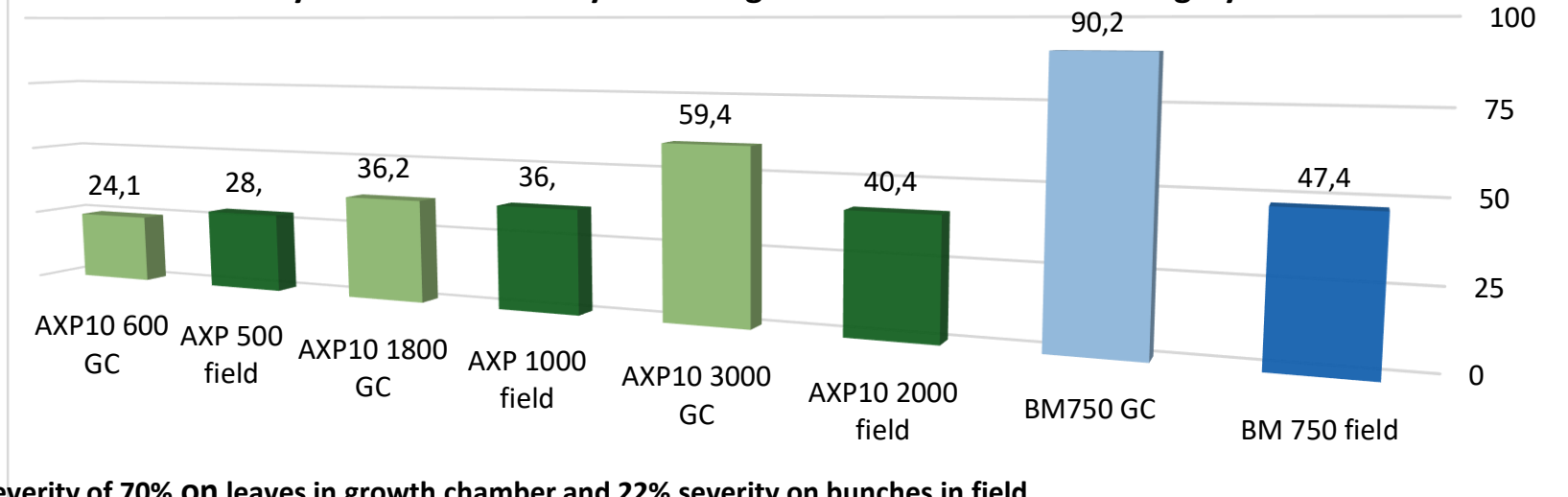


Direct fungicide effect on *Plasmopara viticola*



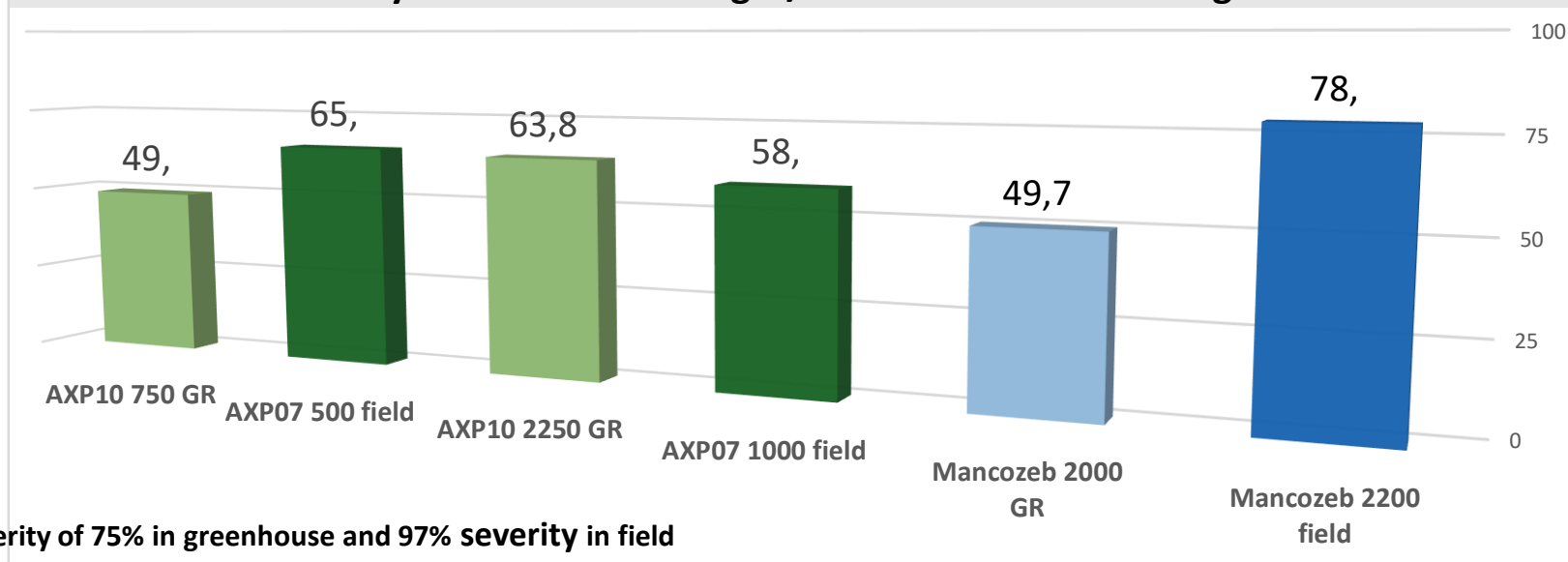
Lab and field : a very similar response

Efficacy on GRAPES downy mildew: growth chamber versus Hungary field trial*



*Severity of 70% ON leaves in growth chamber and 22% severity on bunches in field

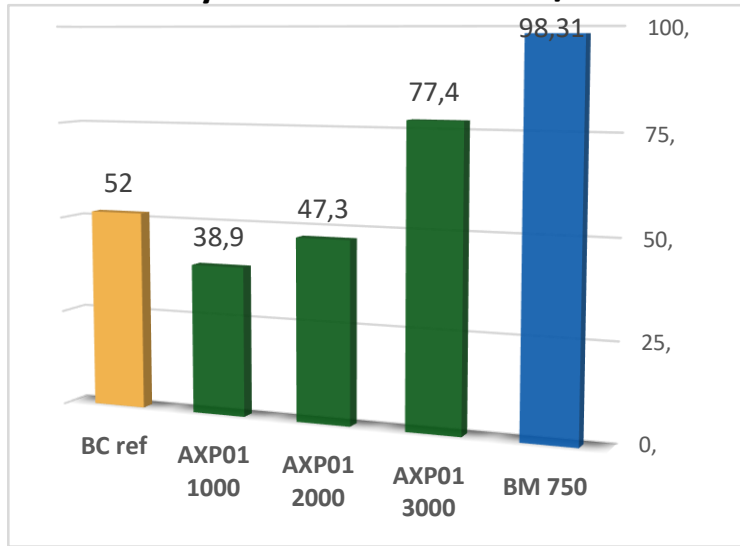
Efficacy on POTATO late blight/ Greenhouse versus Oregon field trial*



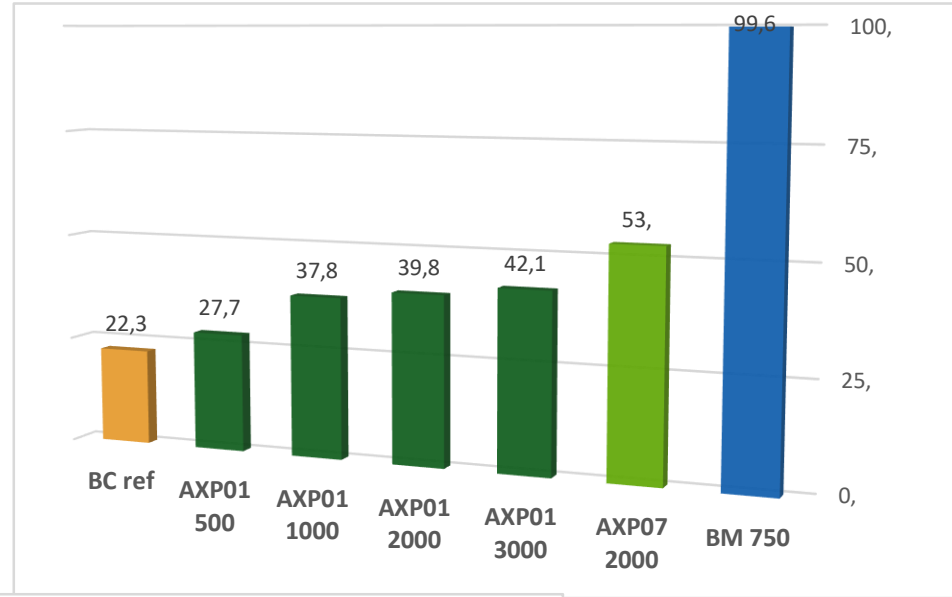
*Severity of 75% in greenhouse and 97% severity in field

Grapes Downy Mildew – 50% to 80% control

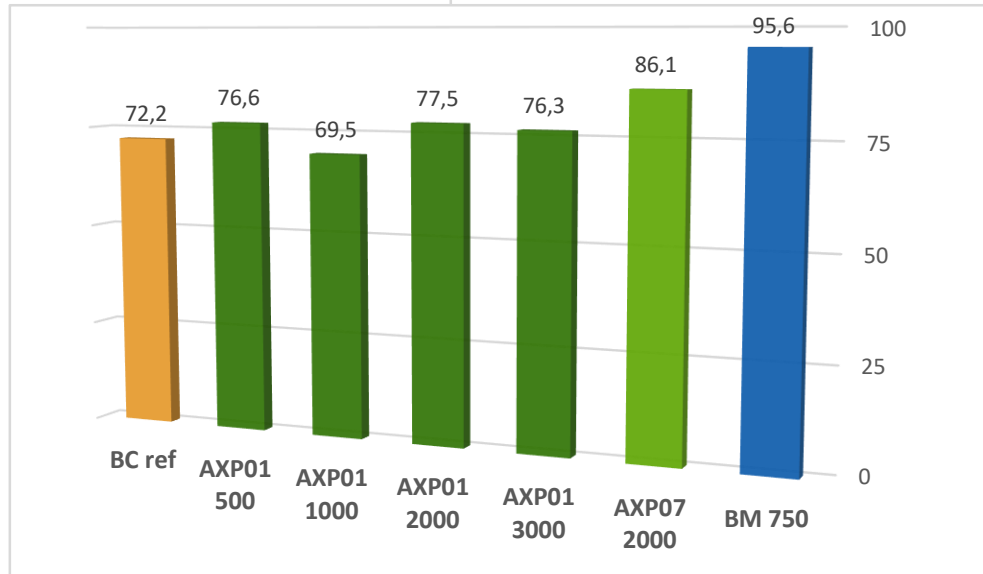
**Efficacy – Grape Downy Mildew -
7.4% Severity – Bunches – Merlot / FR**

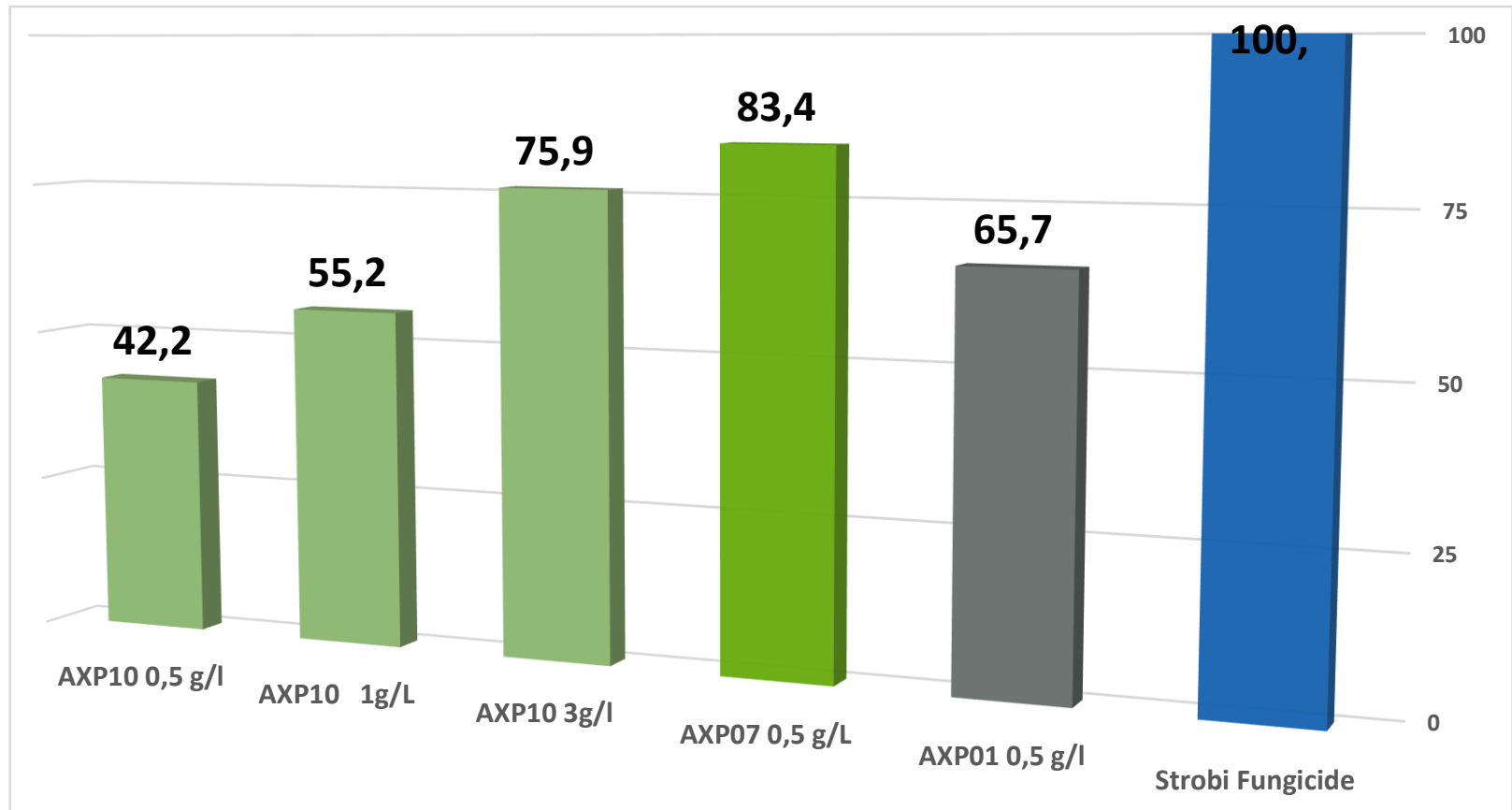


**Efficacy – Grape Downy Mildew
52% severity – Bunches – Merlot / FR**






**Efficacy – Grape Downy
Mildew - 34% severity –
Leaves Grenache /FR**





Severity of 68.8% on leaves in growth chamber

Regulatory status and time to market

Country	Target markets				Dossier submitted	Launch Year (expected)
	Grapes DM	Potatoes LB	Soybean rust	Wheat rusts		
	X	X	X	X	Q1 2020	2022
	X	X		X	Q1 2020	2024/2025
			X		Q4 2021	2023



Thank you !

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