Mode of Action

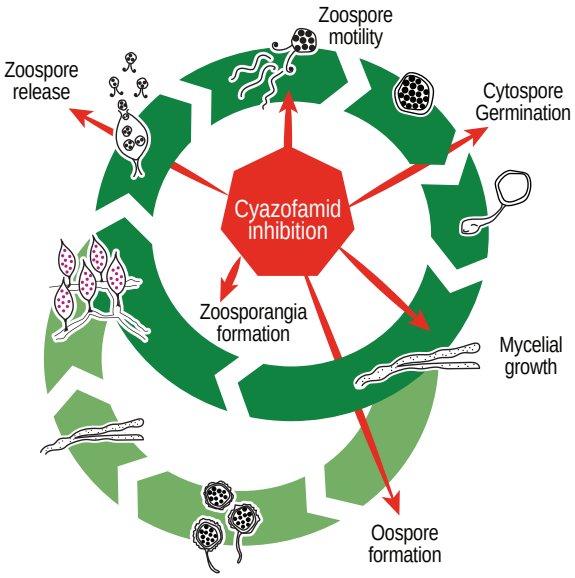
Active Ingredient: Cyazofamid 200 g/l SC

- Atmos 200SC is a highly effective oomycete fungicide with protective and curative action:
- Atmos 200SC inhibits all stages of the oomycete fungi biological cycle
- Atmos 200SC is effective on fungi that are resistant to other chemical classes
- Atmos 200SC prevents secondary infections due to its effective inhibition of zoospore formation on leaves
- Atmos 200SC Distribution on newly developing leaves

Characteristics & Advantages

- Unique mode of action
- Prime choice for disease-resistance management programs
- Highly effective against oomycete fungi
- Safe on beneficials and IPM Compatible
- Low application rate
- Excellent protective and curative action
- Prevents fungal sporulation by disrupting the biological cycle of fungi
- Excellent rain fastness
- No phytotoxic effect
- Provides long-lasting, residual protection
- Ensures enhanced yield quantity and quality

Biological mode of action:



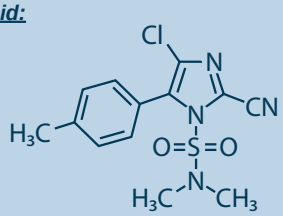
Excellent action against all oomycetes, including:

- *Phytophthora spp.*
- *Plasmopara spp.*
- *Peronospora spp.*
- *Bremia spp.*
- *Pythium spp.*
- *Pseudoperonospora spp.*
- *Albugo spp.*

Supplier:
Sineria
Sineria Holland BV
Randwycksingel 20 - A015
6229 EE Maastricht, The Netherlands
www.sineria.com

TARGET SITE AND CODE	GROUP NAME	CHEMICAL GROUP	COMMON NAME	FRAC CODE
C4 complex III: cytochrome bc1 (ubiquinone reductase) at Qi site	QiI - fungicides (Quinone Inside Inhibitors)	cyano-imidazole	cyazofamid	21
		sulfamoyl-triazole	amisulbrom	
		picolinamides	fenpicoxamid	

Cyazofamid:



- QiI - fungicides (Quinone inside Inhibitors)
- Cyazofamid controls oomycete fungi by respiratory inhibition at Complex III in the mitochondria.
- FRAC Code: 21
- Target Site and Code: C4: Complex III – cytochrome bc1 (ubiquinone reductase) at Qi site.

Always alternate fungicide application with different mode of action to prevent resistance development!

Directions for use

Atmos 200SC should be mixed with water before it is applied to the crop. It may be applied with many types of spraying equipment.

- Utilize a higher application rate at severe disease pressure.
- Preferably apply Atmos 200SC in the onset of the disease development.
- Ensure optimal plant coverage when applying Atmos 200SC.

Rate of Application

CROPS	DISEASE	APPLICATION RATE
Vegetables: Tomatoes, Cucumbers, Melons, Onions, Carrots	Downy mildew, Late blight, Damping-off (*Pythium* sp.)	400 - 600ml/Ha
Potatoes	Downy mildew, Late blight, Damping-off (*Pythium* sp.)	400 - 600ml/Ha
Fruits: Apples, Citrus, Pears	Downy mildew, Late blight	400 - 600ml/Ha
Ornamentals	Downy mildew	400 - 500ml/Ha

Important Note: The indicated crops and recommended rate of application mentioned in this Product informative sheet may not be applicable in the country where the product is intended to be used. User must refer and use the product only as per the officially registration at the country of use and the approved uses and rates by the authorized authorities. The supplier will not be responsible or liable if the product is used on crops which are not listed on the official label as approved the ministry of agriculture at the country of use.

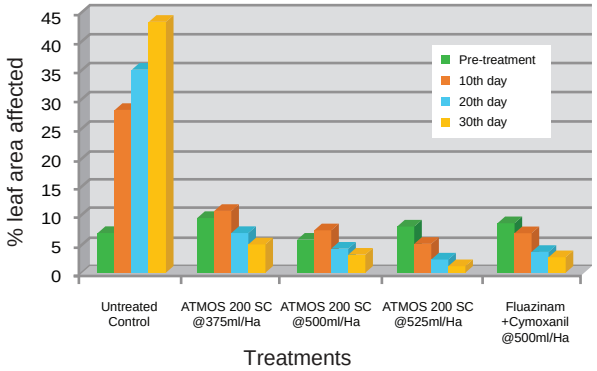
Field Trials

Extensive field trials and commercial applications have proven the efficacy of Atmos 200SC

In Kenya (2019) Atmos 200SC was tested for the control of downy mildew (Peronospora sparsa) in roses

The results are depicted in the following graph:

Figure: *Mean % roses leaf area affected with downy mildew*



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