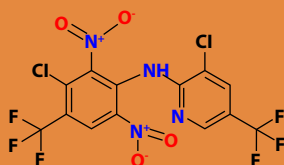


URANIUS 500 SC™

Active Ingredient:
Fluazinam 400 gr/lit + Metalaxyl 100 gr/lit SC

➤ Fluazinam:

2,6-Dinitro-Anilines Fungicide.



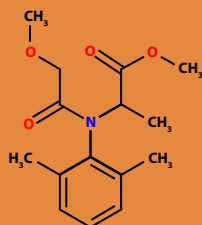
Mode of Action: Fluazinam disrupts the production of energy in the fungus at several sites (multi-site fungicide).

FRAC Code: 29

Target Site & Code: C5 - Uncouplers of oxidative phosphorylation

➤ Metalaxyl:

Phenyl-amides fungicide



Mode of Action: Systemic fungicide that acts on the synthesis of the nucleic acids of the fungus, by inhibiting the RNA synthesis.

Target Site and Code: A1 - RNA polymerase I

URANIUS 500 SC™ is a multi-site fungicide, with both protective and curative properties against late blight, gray-mold, downy mildew and powdery mildew in Potatoes, Grapes, Tomatoes and Roses.

➤ **Fluazinam** inhibits fungi by disrupting the production of energy at several sites. The "multi-site" action of Fluazinam reduces the likelihood of resistance development to very low levels. FRAC (Fungicide Resistance Action Committee) has classified Fluazinam as an F29 material indicating a low risk of resistance.

➤ **Metalaxyl** is a systemic fungicide with protective and curative properties. It is absorbed through the leaves, stems and roots. Metalaxyl acts by suppressing sporangial formation, mycelia growth and the establishment of new infections. Metalaxyl is very effective against both Foliar (downy mildew, late blight) and soil borne diseases like Rhizoctonia, Pythium, phytophthora on a wide range of crops.

URANIUS 500 SC™

- Suitable against both foliar and soil born diseases.
- Excellent protection against Downy Mildew, Late Blight, Powdery Mildew, Graymold, Fusarium and Rhizoctonia.
- Curative effect on a wide range of diseases.
- Low risk of resistance development.
- Combination of two active ingredients with different and complementary mode of action.

Application timing

- URANIUS 500 SC™ is recommended to be applied preventively just before or at the beginning of the infestation.
- The general application rate is 300-400ml/ha. Always ensure good coverage of the leaf surface with the spraying mixture.
- For best results, use 500 – 1000 lt of spraying mixture per hectare.
- URANIUS 500 SC™ is most effective when applied in a preventative programme.

Crop	Diseases	Rate	Remarks
Potatoes	Late Blight	300-400 ml/ha Foliar Application	Apply immediately when conditions favour disease development and there is high risk of infestation. In non-favourable for the disease conditions, spray when plants are 15-20cm tall.
Grapes	Graymold, Powdery Mildew, Downy Mildew	300-400 ml/ha Foliar Application	Apply immediately when conditions favour disease and there is high risk of infestation. Allow 7-10 days among applications.
Tomato	Downy Mildew, Late Blight	300-400 ml/ha Foliar Application	Apply protectively when conditions favour disease or upon the appearance of the first symptoms. Always check carefully the lower side of the leaves.
	Fusarium sp.	1.5 lt/ha Drip Irrigation	
Roses	Downy Mildew	300-400 ml/ha Foliar Application	Apply protectively when conditions favour disease or upon the appearance of the first symptoms. Always check carefully the lower side of the leaves.
	Rhizoctonia sp.	3-5 lt/ha Drip Irrigation	

- Pre Harvest Interval (PHI): 14 days
- Maximum number of application per crop within a growing season: 3
- Better to use early in the morning or late in the evening. Avoid high temperatures.
- Do not use URANIUS 500 SC™ in sandy soil with less than 1% organic matter

Disclaimer: This information and all further technical advice is based on our present knowledge and experience and approvals from the registration authorities. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. In the event of any discrepancies between the information stated herein or any other information source and the information stated on the label of the product, the information stated on the label of the product will prevail. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of the customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Field Trials

Extensive field research has proven the excellent efficacy of URANIUS 500 SC™ against a wide range of diseases.

In the Netherlands (2014) URANIUS 500 SC™ was extensively tested for the control of Downy Mildew in Tomatoes. The products were applied on July 2 and July 15.

The results are depicted in the following graph:

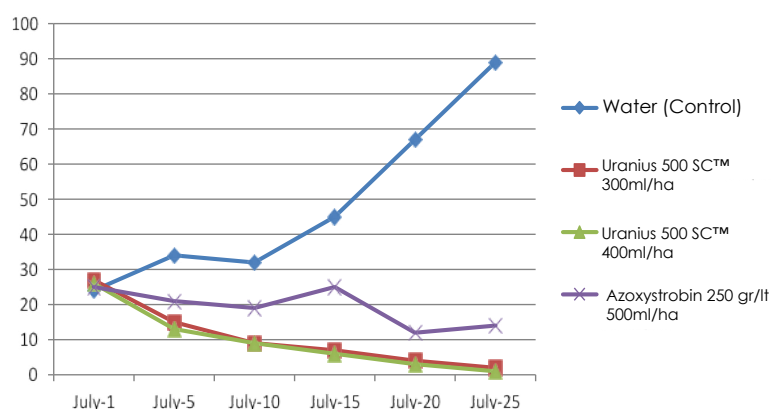


Figure: Mean percent disease index (PDI) of Downy Mildew in Tomato for different treatments on various dates.

Supplier:

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