



Ridley SC

Highly active, Hybrid fungicide against Downy mildew, Botrytis, Early and Late blight, Sclerotinia, Purple blotch, Phoma wet blotch and Cercospora leaf spot on a wide range of crops.

Sineria has developed a bridge solutions portfolio

A transition from a system rooted in toxic pesticides to a healthier, low-residue, biological-based sustainable system.

Hybrid technology effectively combines synthetic pesticides with biological ingredients:



Plant extracts



Natural microbial agents



Fermentation products



Hybrid Formulation characteristics

- Delivers technological advantages while maintaining low toxicological profile and low residue level.
- Can be integrated into conventional spraying methods
- Improves toxicological profile
- Lower crop residue levels
- Release pesticide resistance pressure
- 2 years shelf life
- Broader spectrum of activity
- Reduced amount of synthetic active in the field
- Improve compatibility for IPM Program

Biological
Active



Synthetic
Active

Ridley SC unique combination offers a highly synergistic effect with minimum residues

Cnidium monnieri
plant extract 5%

Ridley

Pyraclostrobin
13% SC

Cnidium monnieri plant extract 5% + Pyraclostrobin 13% SC

- Highly active, Hybrid fungicide against Downy mildew, Botrytis, Early and Late blight, Sclerotinia, Purple blotch, Phoma wet blotch and Cercospora late leaf spot on a wide range of crops.
- Ridley SC combines botanical and synthetic ingredients that provide a superior toxicological profile and lower residue index.
- It has a lower impact on beneficial arthropods and pollinators.
- The active ingredients transport throughout the plant systemically for complete protection.
- It delivers outstanding fungi control on a wide range of crops.
- Effective against a variety of fungal diseases with additional inhibition activity of fungal reproduction.
- Active ingredients with different and complimentary mode of action that provide a synergic effect and reduce resistance risk.
- Ideal for use in IPM programs.

Multiple Mode of Action

Cnidium monnieri plant extract 5%

Cnidium Monnieri is a flowering plant native to China that is known for its medicinal qualities and commonly used in traditional medicine. The plant contains over 350 identified compounds with antibacterial, antifungal and antiviral activity. Cnidium Monnieri mode of action includes modulation of the ergosterol Biosynthesis and the assimilation of glucose and calcium, and inhibition of adenosine triphosphatase (ATPases) activity.

Pyraclostrobin

Pyraclostrobin is a fungicide found in FRAC group 11 (C3)- Complex III: cytochrome bc1 (ubiquinol oxidase) at Qo site (cyt b gene). It belongs to the group of QoI-fungicides (Quinone outside Inhibitors) and interfere with the mitochondrial respiration process in order to eradicate fungi. Pyraclostrobin is a systemic fungicide with protective and curative action, which also inhibits spore germination, mycelial growth and spore production.

Directions for use

- Ensure full coverage of the plant canopy with the spraying mixture to achieve maximal efficacy.
- Apply at the early stages of disease development, upon the first symptoms.

Application Rates

Ridley SC is active against different fungi diseases, including but not limited to the following:

Crop	Disease	Recommended Rate
Tomato, Potato, Peppers, Eggplants	Downy mildew, Powdery mildew, Alternaria, Sclerotinia	0.5-0.8 l/ha
Beans, Peas	Ascochyta, Botrytis, Sclerotinia	0.8-1.2 l/ha
Soybean, Groundnut	Leaf spot, Phoma, Sclerotinia, Alternaria, Frogeye	0.8-1.2 l/ha
Cruciferae (Cabbage, Broccoli)	Alternaria, Botrytis, Sclerotinia, Powdery mildew	0.8-1.2 l/ha
Onions, Garlic	Powdery mildew, Purple blotch (Alternaria), Sclerotinia, Rust	0.5-0.8 l/ha
Cucurbits	Stem blight (Didymella), Powdery mildew, Alternaria	0.8-1.2 l/ha
Grapes	Powdery mildew, Botrytis	0.5-1.0 l/ha
Ornamentals	Botrytis, Powdery mildew, Alternaria	0.8-1.2 l/ha

Application notes:

- In accordance with environmental conditions and disease pressure repeat treatment at 7 to 14 day intervals.
- Do not make more than 3 applications during the same season.
- Do not apply more than 2 consecutive sprays to avoid resistance development.

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 official 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.



Ridley SC in the field

Spain, 2020

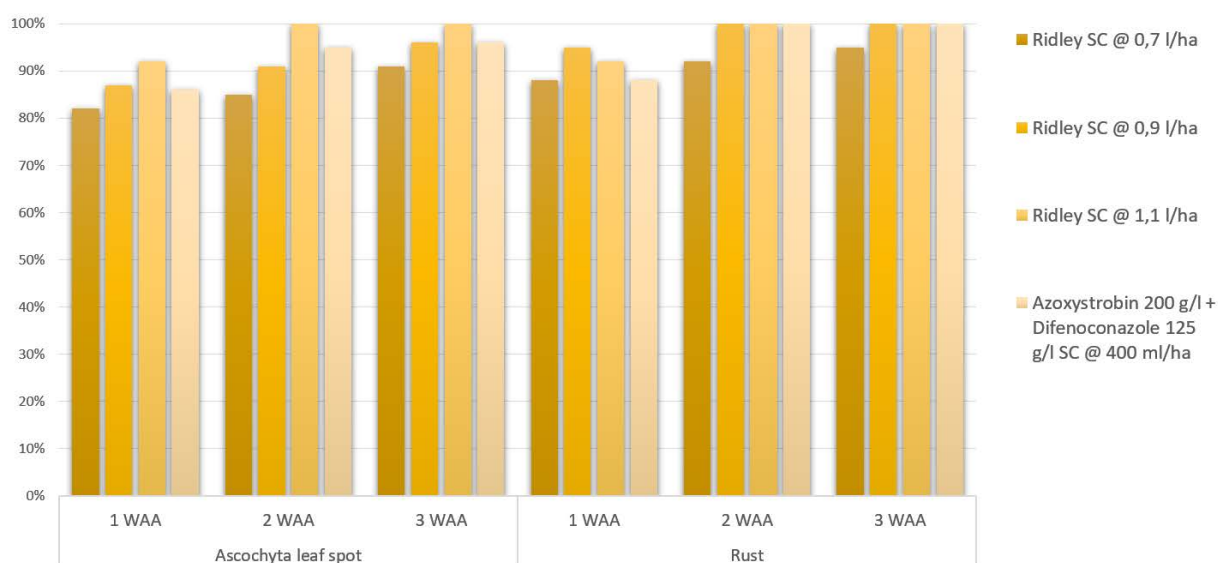
Determination of efficacy of Ridley SC against Ascochyta and Rust in beans.

Application Schedule and Product Description

PRODUCT	ACTIVE INGREDIENT	APPLICATION RATE
Ridley SC	Cnidium monnieri plant extract 5% + Pyraclostrobin 13% SC	0,7 l/ha
Ridley SC	Cnidium monnieri plant extract 5% + Pyraclostrobin 13% SC	0,9 l/ha
Ridley SC	Cnidium monnieri plant extract 5% + Pyraclostrobin 13% SC	1,1 l/ha
Reference Standard	Azoxystrobin 200 g/l + Difenconazole 1250 g/l SC	400 ml/ha

Application notes

- All products were applied twice @ 1 week interval



Legend

1 WAA:
1 week after application

2 WAA:
2 week after application

3 WAA:
3 week after application

Disclaimer: This information and all further technical advice is based on our present knowledge and experience and approvals from the registration authorities. The visualizations presented herein are intended for illustrative and educational purposes only. They do not represent scientifically accurate depictions of agricultural processes, nor do they have any legal binding. The information depicted is based on widely recognized agricultural knowledge and practices described in writing. 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 product label, the information stated on the product label will prevail. The customer/user is not released from the obligation to conduct careful inspection and testing of products. 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 on small scale plot. Reference to trade names use by other companies is neither a recommendation nor does it imply that similar products could not be used.