

Talius®

PCS No. 02216

For long term mildew prevention in cereals

Talius® is an extremely active mildewcide, with a range of recommendations for different cropping and varietal types. Talius® offers greater flexibility across crops, rate, timing and tank mix compatibilities.

Modes of Action:

“Talius® has a **unique** mode of action, unrelated to **all other** mildewcides on the market”

Direct inhibition of spore germination and infection

Talius® prevents spores from developing their primary rooting system denying them access to the plant nutrient system, resulting in spore death.

Acts on spore viability to prevent re-infection up the plant

Spores that come in contact with Talius® are significantly less fertile and are unable to reproduce. Established infections are not controlled, but proquinazid’s antispore activity destroys spores necessary for re-infection.

Induced host resistance

Talius® switches on a number of the plants own, naturally occurring, resistance characteristics making the infection of the plant significantly more difficult.

Movement within the plant

Local systemic and translaminar movement

Each spray droplet has the ability to move within the top cell layer of the leaf where the mildew is most active. The chemistry has the ability to move from the top surface to the bottom surface of a leaf preventing spores on the underside of the leaf developing into a mildew disease.

Vapor phases act as a shield protecting treated and untreated tissues

As the plant grows and develops the effects of Talius® move to the newer parts of the plant in a vapor phase conferring full mildew protection to the new growth. Proquinazid’s vapor activity shields both treated and untreated foliage from infection.

Application Timing

- Wheat before full flowering GS65.
- Barley, Oats, rye and triticale before beginning of heading GS 49.

Max 2 treatments per crop

Use supported by BBPA on malting barley crops

Recommendations

WW (Mildew prone)	0.2 L/ha	If mildew greater than 5% is present at time of spraying MIDAS should be added at an appropriate rate to “knock down” the mildew present. An initial rate of 0.15 L/ha is recommended.
Oates	0.2 L/ha	
WW non mildew prone	0.15 L/ha	
SW	0.15 l/ha	
SB	0.1-15 L/ha	