

INTUITY FUNGICIDE



**THE SMART NEW WAY TO CONTROL
WHITE ROT AND DOWNY MILDEW**



Nufarm

Grow a better tomorrow.

Intuity Fungicide

FOR CONTROL OF WHITE ROT & DOWNY MILDEW IN ONIONS

Intuity is a new, highly active strobilurin fungicide from Sumitomo Chemical with a unique disease spectrum (esp *Sclerotinia*, *Monilinia*, *Botrytis*) and excellent crop safety

- Group 11 fungicide Qol (quinone outside inhibitor) MOA
- Protectant, curative and anti-sporulant properties – best used as a protectant
- Translaminar with some systemic activity
- Proprietary SC formulation containing latex wetter/sticker
- Low toxicity – 9.1B (Toxic to aquatic organisms)



HISTORY

Intuity is a new fungicide with a unique methoxyacetamide structure containing the new active ingredient mandestrobin. Development started in 2004 and Sumitomo Chemical first registered the product in Japan in 2015. Registrations are progressing in the EU, US, Brazil, Canada, Australia, Korea and other countries.

HOW DOES INTUITY CONTROL DISEASE?

Mandestrobin, the active ingredient in Intuity, is a broad-spectrum fungicide with particularly strong activity against fungi in the Sclerotiniaceae family such as *Sclerotinia* and *Monilinia*, as well as the *Venturia* genus and the *Phomopsis* genus.

Activity is strongest when Intuity is used as a protectant before disease is well established.

When used for the control of Sclerotiniaceae fungi Intuity inhibits the germination of sclerotia, the production of apothecia, the germination of ascospores, the growth of mycelium and the production of new sclerotia.

RESISTANCE MANAGEMENT

Intuity is in fungicide Group 11 with the Qol (quinone outside inhibitor) mode of action.

Good resistance management practices should be used at all times. Growers may use a maximum of two applications of Intuity or any other Qol fungicide per crop per season. Use in a programme as per label instructions with another fungicide which is effective against the disease and has a different mode of action.

INTUITY
FUNGICIDE

CONTROL OF WHITE ROT *SCLEROTIUM CEPIVORUM*

S. cepivorum or white rot is a serious disease of onions, garlic and leeks. It is soil borne and affects susceptible crops planted into infected soil containing sclerotia.

Onion white rot thrives in cold moist conditions. The onset of disease can be predicted by using a cumulative average daily soil temperature above a base temperature (white rot degree days). The disease normally occurs when the white rot disease days reach 250 but fungicide programmes should commence between 100 and 150 white rot degree days or approximately 6 weeks after planting, when seed treatment products will be running out.

CONTROL OF ONION WHITE ROT

To control white rot Intuity should be applied at 1.2L/ha in 500 to 1000L water/ha. The first application should be made at 100-150 white rot degree days, or about 6 weeks after planting. A second application should be made approximately one month later, or alternated monthly with a fungicide with a different mode of action (such as an SDHI Group 7 or DMI Group 3). Intuity contains proprietary wetters and stickers, so no additional wetting agent is required.

CONTROL OF ONION DOWNY MILDEW *PERONOSPORA DESTRUCTOR*:

Intuity also controls onion downy mildew when applied as part of a protectant programme with effective fungicides having a different mode of action. Do not use Intuity to control established infections of downy mildew.

Do not apply more than two applications of Intuity per season.

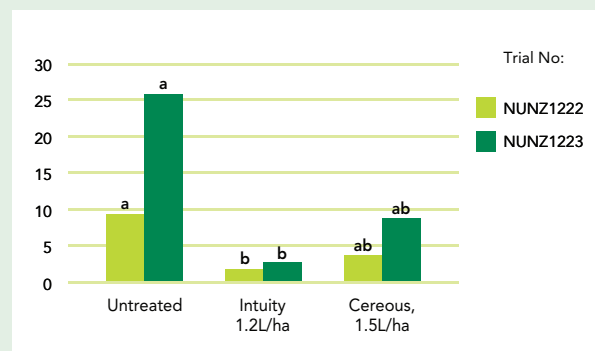
Do not apply Intuity within 30 days of harvest.

Do not apply Intuity by air.

Use of Intuity must be under the control of an Approved Handler.

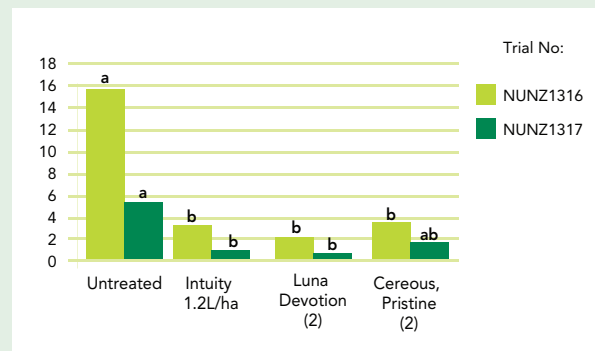
TRIAL RESULTS

% White Rot



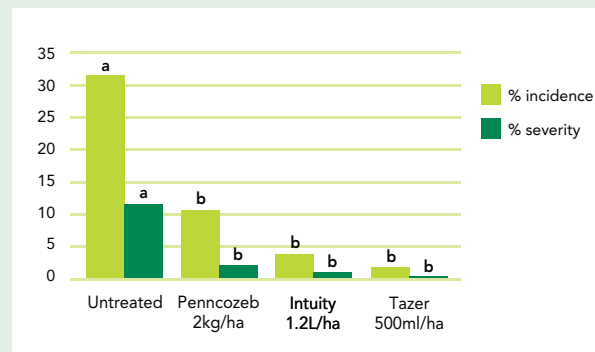
4 applications at monthly intervals

% White Rot



3 applications at monthly intervals

Control of Downy mildew



Trial No NUNZ1249 – 5 applications



POWERFUL REWARDS FOR LOYALTY TO NUFARM

Every purchase of Intuity earns you valuable reward points in Priority Partnership®, the rewards programme for New Zealand farmers.

If you are not a member yet find out more at www.prioritypartnership.co.nz

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