TECHNICAL NOTE

Belanty®

Fungicide

Controlling powdery mildew more extensively in New Zealand's vineyards

Belanty fungicide gives New Zealand growers complete confidence in the control of powdery mildew in grapes. Setting a new global standard for DMI's, Belanty is able to control pathogen strains that old DMI's are struggling to control. Belanty is the breakthrough you've been waiting for.

BASF

We create chemistry

Belanty®
Fungicide

Belanty® Fungicide can now be used more extensively to control powdery mildew in New Zealand's vineyards.

- A new, higher total of 1333 mL of Belanty can be applied to each hectare of grapevines at each spray timing
- The increased limit means Belanty can be used in vineyards with narrower row spacings
- More New Zealand grape growers can now use Belanty's unique chemistry to control the industry's most prevalent disease

EPA Approved in NZ

The Environmental Protection Authority recently raised its limit on the amount of BASF's Belanty Fungicide that can be applied on each hectare of New Zealand vineyards at each application of the fungicide.

This improvement to the label enables the grape industry to use Belanty for the control of powdery mildew in vineyards over a greater range of vineyard row spacings and canopy densities.

Many grape growers already know what an effective tool Belanty is against powdery mildew. Its uniquely flexible molecule enables it to adapt and control disease pathogens with reduced sensitivity to other DMI fungicides.

Even though Belanty has both translaminar and acropetal systemic action, full coverage of the vineyard canopy and especially grape bunches at the full label rate is essential to achieve strong, long-lasting protection against powdery mildew.

Use Pattern

The approved use pattern for Belanty in grapes remains unchanged: 80 mL of Belanty in 100 L water applied to the point of run-off. The application can be repeated 10 to 21 days later, with the last application sprayed no later than pre-bunch closure. While the label allows up to two applications per season, Sustainable Wines NZ only permits one application per season. Viticulturists are advised to check with their wineries before use.

The table shows the new increased volume limit allows Belanty to be used in vineyards with standard canopies and rows from as little as 1.8 metres apart.

Typical Belanty volumes required to ensure good spray coverage in grape vines with standard canopies

Row spacing (m)	Spray volume (L/ha of water)	Belanty (mL/ha)
3	1000	800
2.5	1200	960
2	1500	1200
1.8	1667	1333

Beneficial Insects

Belanty has been shown to exhibit low negative impact on bee populations, including colony health and development, and has been found to be compatible for use in the presence of many common beneficial arthropods, including ladybirds and lacewings.

"This change to the label enhances Belanty's value to the industry," said BASF Senior Technical Service Specialist Tim Herman. "As a next-generation DMI fungicide, Belanty is doubly important. Its long-term role in managing resistance is probably just as crucial as its immediate effectiveness in controlling powdery mildew. So obviously it's great news that Belanty can now be used in even more vineyards than before."

About BASF's Agricultural Solutions division

Farming is fundamental to providing enough healthy and affordable food for a rapidly growing population while reducing environmental impacts. Working with partners and agricultural experts and integrating sustainability criteria into all business decisions, we help farmers to create a positive impact on sustainable agriculture. That's why we invest in a strong R&D pipeline, connecting innovative thinking with practical action in the field. Our portfolio comprises seeds and specifically selected plant traits, chemical and biological crop protection, solutions for soil management, plant health, pest control and digital farming. With expert teams in the lab, field, office and in production, we strive to find the right balance for success – for farmers, agriculture, and future generations. In 2021, our division generated sales of €8.2 billion.

For more information, please visit **www.agriculture.basf.com** or any of our social media channels.

Belanty®

Fungicide

Key Belanty advantages

- ✓ Class-leading, flexible control of a number of key diseases in grapes, apples and pears.
- ✓ Molecular flexibility in the enzyme pocket improves binding at the target site.
- ✓ Rapid uptake and lasting residual protection.
- ✓ Up to 100 times stronger cellular binding than other DMIs, providing robust control at low application rates.

Belanty is just one of the innovative fungicides for use in a wide range of crops that BASF has introduced over the last few years, and there is more new chemistry on the way.

For more information on Belanty®, visit **crop-solutions.basf.co.nz** or contact your local BASF representative on **0800 558 399**

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ALWAYS READ AND FOLLOW LABEL DIRECTIONS.