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NET CONTENT



# BOTRY-Zen®

The Biological Solution for Botrytis, Sclerotinia,  
and Pseudomonas syringae pv actinidiae (Psa)

Contains not less than  $2.5 \times 10^8$  cfu/g *Ulocladium oudemansii* U3  
in the form of a water dispersible granule

BOTRY-Zen® is registered pursuant to the ACVM Act 1997, No P7212

GRAPES  
KIWIFRUIT  
BLACKCURRANTS  
ORNAMENTALS

**PLEASE FOLLOW THESE INSTRUCTIONS CAREFULLY**

Any adverse event resulting from the use of this product must be notified to Botry-Zen (2010) Limited.

**DIRECTIONS**

The rates suggested are for high volume spraying to run-off. For concentrate spraying, adjust dilution rate accordingly.

Mix and apply sufficient product as recommended for the crop (see table below).

• Fill spray tank and add a suitable surfactant for the water volume, to improve product wetting/spreading. Agitate.

• Add BOTRY-Zen® directly into tank

• Once mixed, the product should be used immediately.

• As BOTRY-Zen® controls specific diseases use alternative fungicides to control other diseases for the rest of the season as per normal practice (refer to compatibility section).

**SURFACTANTS AND ADJUVANTS**

To ensure good crop coverage add a non-ionic surfactant, but not Pulse.

If unsure which one contact your agent.

**APPLICATION**

Use conventional spray equipment. Maintain tank agitation until spraying is complete. Apply in sufficient water to achieve thorough coverage of the areas prone to disease.

• Not to be applied into or onto water,

• Max.rate – 7 kg/ha. Max applications 8 per year. Min. application interval – 7 days.

Crop	Disease	Rate	Notes
GRAPES	<i>Botrytis cinerea</i>	800g / 100L water Ensure 15L per 100m of row.	Apply BOTRY-Zen® at early (EL20) and late bloom (EL25), then again when the berries are pea-size (EL31) and at pre-bunch closure (EL33). Further applications can be made up to 5 days before harvest. Spray onto vines ensuring the bunch zone is well covered. As BOTRY-Zen® is a <i>Botrytis</i> specific product, use alternative fungicides to control other diseases as required.
KIWIFRUIT	<i>Botrytis cinerea</i> <i>Sclerotinia sclerotiorum</i>	400g/100 L Ensure 6kg / ha	Apply BOTRY-Zen® at early and late bloom. Do not apply between fruit set and harvest.
KIWIFRUIT	<i>Psa</i>	600g / 100 L	Apply BOTRY-Zen® from bud- burst to fruit-set. Applications are recommended every 7 to 14 days dependent on infection. Apply BOTRY-Zen® to vines after harvest and again at pruning. Ensure thorough coverage of the vines OR apply 1-2 sprays as part of an RMS when control is needed but disease pressure is not high.
BLACKCURRANTS	<i>Botrytis cinerea</i>	800g / 100L water. Ensure 4kg / ha	Apply BOTRY-Zen® at early and late bloom. Do not apply after flowering.
ORNAMENTALS	<i>Botrytis cinerea</i>	800g / 100L water. Ensure 4kg / ha	Ensure new growth at risk from <i>Botrytis</i> is protected. Do not apply within 1 day of picking.

**PRECAUTIONS**

Store in original container, tightly closed, away from foodstuffs.

Avoid inhalation of product dust or spray mist. Wear a face mask when handling BOTRY-Zen®. Dispose of unused or expired material by dilution with water and disposal to headlands.

In case of spillage, wash area with 10% bleach.

Not environmentally hazardous

**FIRST AID**

If swallowed do NOT induce vomiting.

For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or call a doctor immediately.

If skin contact occurs, wash off thoroughly with disinfectant.

If splashed in eyes, wash out immediately with water. Seek medical attention.

**WITH HOLDING PERIOD**

Grapes - 5 days

Kiwifruit – Do not apply between fruit set and harvest.

Black currants – Do not apply after flowering

Ornamentals –1 day

**STORAGE**

Store in a cool dry place (below 15°C). Keep bag closed. Keep away from light

**Psa - RESISTANCE MANAGEMENT**

BotryZen is a biopesticide with no known cases of fungal resistance or tolerance over the previous 11 years it has been in commercial use on several crops against several different diseases both locally and internationally. The product is, however, best used as part of an overall spray programme particularly for Psa control in kiwifruit, to prevent the spread of resistance to copper and antibiotics."

**COMPATIBILITY**

BOTRY-Zen® may be tank mixed at high water rates with ONE other product. These include Captan, Polyram® DF, ChampION, Actiguard, KeyStrepto, Kasumin, Oroboost and Nordox. If tank mixing with Nordox 75 WP, add BOTRY-Zen® first and mix for 5 mins, then add Nordox and spray immediately. Also can be tank mixed with sulphur based products, Systhane® 40W or Topas® 200EW for powdery mildew control. Do not apply within 10 days of Scala®. Do not apply within 30 days of Amistar® WG, Delan® WG, Rovral®, Switch®, thiram based and chlorothalonil based fungicides. If a product is not listed above contact your agent.

Registered to: Botry-Zen (2010) Limited, 21 Willis Street, PO Box 5664, Dunedin, New Zealand

E-mail: enquiries@botryzen.co.nz www.botryzen.co.nz

Phone (+64) 3 477 6447 Fax: (+64) 3 477 2953

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See www.foodsafety.govt.nz for registration conditions

