

# clenza<sup>®</sup>

BIODEGRADABLE CLEAN-UP  
FOR INSECTS AND FUNGI



## Cleaner produce, Cleaner MRL's and Cleaner for the Environment

**CLENZA<sup>®</sup>** is a soap based soft insecticide and fungicide ideal for a “clean up” of soft bodied insects in outdoor crops and botrytis in vineyards. **CLENZA** is also a great “Mixer” to put in the tank at low rates, as an effective spreader/wetter and to help activate products like Copper and Sulphur for Mildew control.

### APPLICATION

**Cleanup with CLENZA** in the morning or evenings when temperatures are cooler.

**Scrub away pests** with good coverage; it is important that the spray makes direct contact with pests.

**Wipe away grape botrytis.** A **CLENZA** cleanup can be applied at any growth stage in grapes until 28 days before harvest, then an alternative soft fungicide is recommended. The addition of the SuperSpreader Du-Wett is recommended in low (< 300L) water volumes.

**Enhance other fungicides and insecticides** to improve coverage on outdoor crops by using **CLENZA** as a wetter spreader option. It can be applied with copper hydroxide or sulphur to aid the control of Downy Mildew and/or Powdery Mildew.



## Benefits

- ✓ Ideal fit in IPM and nil residue programs
- ✓ Ideal in organic or conventional crops
- ✓ Low toxicity
- ✓ Nil withholding period
- ✓ Insecticide and Fungicide in one product
- ✓ For use as an organic surfactant
- ✓ Use with Du-Wett<sup>®</sup> for low volume spraying

**Pests cleaned up:** Soft bodied pests such as Aphids, Mites, Leafhopper, Thrips, Whitefly, Mealy bug, Scales and Fungus Gnats get a bath they don't like!

Beneficial insects get a wash also but can quickly reappear due to no long term residual action of **CLENZA**.

**CLENZA** soap based spray is derived from potassium salts, combined with fatty acids in a vegetable oil base from a sustainable source.

It contains 285 g/litre fatty acids in the form of a soluble concentrate.

**Pack sizes:** **CLENZA** is available in 20 L, 200 L packs.



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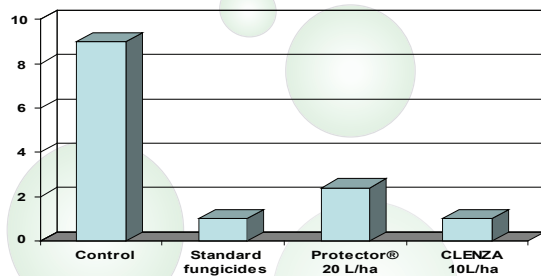
## APPLICATION GUIDELINES

Crop	Target	Use Rate	Comments
Vineyard Grapes	Botrytis	Apply 2 litres / 100 L (min rate of 10 L /ha)	Can be applied at any growth stage up to 28 days before harvest. Higher water rates will give better coverage and botrytis control
Outdoor Crops <b>Do not use on Kiwifruit</b>	Control of soft bodied pests	Apply at 1.5 – 2.0 litres / 100 L water	Use a water rate that ensure complete coverage to the point of runoff.
Adjuvant use (Spreader Wetter)	To improve the coverage of fungicides and insecticides on outdoor crops	Apply 500 mls /100L of spray mix.	With Sulphur it will aid powdery mildew control in grapes. With Copper Hydroxide it will aid both powdery mildew and downy mildew control in grapes. <b>DO NOT</b> use this tank mix when crops are flowering.

## CLENZA GRAPE TRIAL RESULTS

### Semillon – Hawkes Bay 2003

% Crop with botrytis (HortResearch)



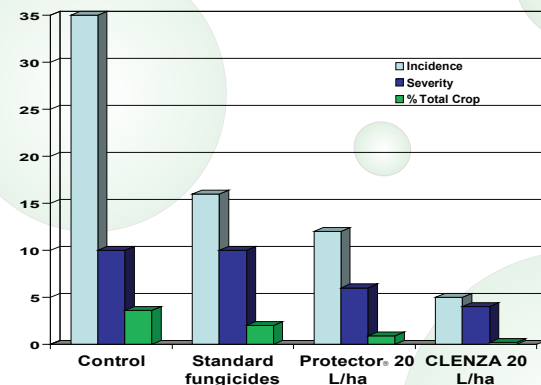
Treatment applications started at 5% Capfall until vintage.

All the **CLENZA** and Protector® applications were tank mixed with either Champ DP® or Kumulus®

Standard – Shirlan®, Switch®, 2 x Captan, Euparen DF®, 2 x Captan, Rovral®

### Chardonnay - Hawkes Bay 2002

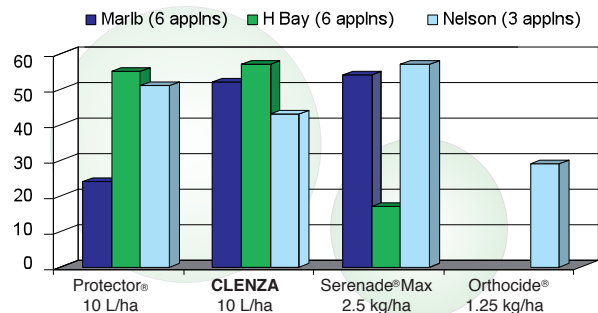
% Botrytis at harvest (HortResearch)



Standard – Shirlan, Switch, 2 x Captan, Euparen, 2 x Bravo®, Rovral®. Protector and **CLENZA** both had 10 applications from 20% capfall. All the Protector® and **CLENZA** applications were mixed with either Champ® DP or Kumulus®

### Marlborough, Hawkes Bay and Nelson

% Botrytis Control 3 trials 2010



**Caution: DO NOT** use **CLENZA** on ornamentals or on indoor crops unless testing on the crop has demonstrated safety.

**CLENZA** is an alkaline product and therefore a jar mixing test should be done first when it is used with other products to satisfy the user of its compatibility. When mixing in hard water also conduct a jar test before use. **DO NOT** use if compatibility issues are seen. **DO NOT** apply when temperatures exceed 32°C. When spraying a new crop for the first time, treat a small area first and observe safety for 24 hours.

## ALWAYS READ COMPLETE LABEL DIRECTIONS BEFORE USE

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