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Kenja contains 400 g/L isofetamid (MOA Group 7)

Sclerotinia Disease (Lettuce Drop) caused by *Sclerotinia* spp.

- Commonly caused by *Sclerotinia minor*, can also be caused by *Sclerotinia sclerotiorum*
- Common in lettuce crops
- Can result in major crop loss
- Sclerotia (small, hard survival structures produced by the fungus) can last in the soil for many years
- *S. minor* sclerotia germinate to produce mycelia which infect healthy plant tissue
- *S. minor* does not produce spores

Kenja has a Novel Group 7 Compound

Containing a novel Group 7 compound, Kenja® 400 SC offers excellent control of Sclerotinia disease in lettuce (lettuce drop).

Kenja was developed and produced in Japan by Ishihara Sangyo Kaisha, Ltd (ISK). ISK has also developed and produced Kusabi® 300 SC which is also marketed in Australia by AgNova Technologies Pty Ltd.

Kenja is now registered for the control of grey mould and blossom blight in berry crops and Sclerotinia disease in lettuce.

| FEATURE | ADVANTAGE | BENEFIT |
|-----------------------|-----------------------------------|----------------------------|
| Respiration inhibitor | Interrupts cell energy production | Very effective control |
| Oil-free formulation | Excellent compatibility | Very good crop safety |
| Translaminar activity | Protects under leaves | Assists spray coverage |
| Bind to waxy cuticle | Resists wash-off | Rainfast once spray is dry |
| Liquid formulation | Easy to measure and pour | Easy to use |



Features

- Isofetamid is a member of the Group 7 chemical class and works by inhibiting succinate dehydrogenase (SDH) in the cell mitochondria.
- Inhibition of SDH deprives the fungal cells of energy by blocking the normal process of respiration.
- The isofetamid molecule has a flexible binding site to maximise inhibition of SDH in fungal cells.

Application Timing

- Apply immediately after emergence in direct-seeded crops or immediately after planting in transplanted crops
- Use in a spray program with 7 – 14 day intervals
- Use the shorter interval when conditions favour infection or periods of rapid growth
- Maximum of two sprays per crop



Healthy lettuce crop



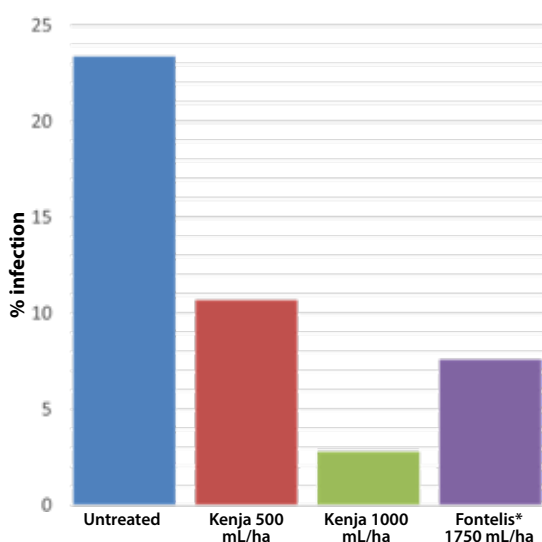
Sclerotinia disease caused by *Sclerotinia* spp.

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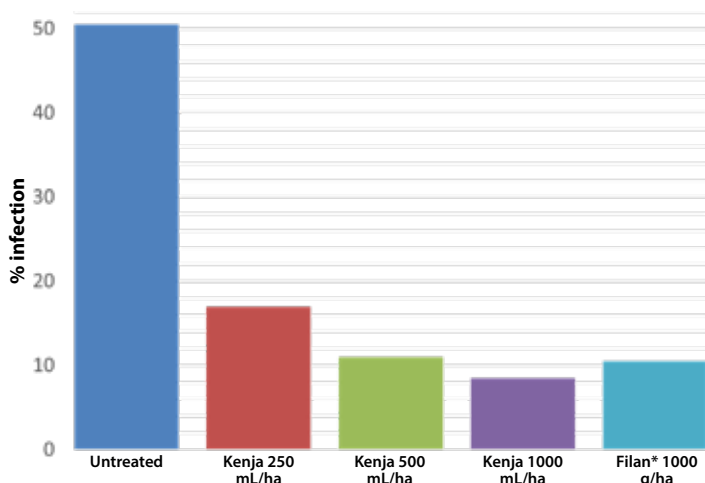


Kenja gives Consistent, Effective Disease Control

Sclerotinia disease (Tasmania), 10 DAAD
(015-16-N3-20-442)



Sclerotinia disease (Western Australia), 20 DAAD
(015-16-N2-18-365)



Australian Trial Results

- Kenja showed very good activity against Sclerotinia disease in lettuce
- The optimal dose for Kenja was 1000 mL/ha
- All treatments provided significant control of Sclerotinia disease
- Kenja applied at 1000 mL/ha was numerically superior to the reference treatments, Fontelis and Filan
- Kenja was safe to use on all of the lettuce varieties tested

Compatibility

Field trials have been conducted in lettuce and other crops under Australian conditions to evaluate the crop safety of mixtures. These trials demonstrated biological and/or physical compatibility of Kenja with the following commonly used plant protection products:

| TANK MIX PRODUCT | PHYSICAL COMPATIBILITY | CROP SAFETY | EFFECT ON KENJA EFFICACY |
|-----------------------|------------------------|-------------------|--------------------------|
| Fungicides | | | |
| Kocide* Blue Xtra* | ✓ | N.T. [^] | No effect |
| Polyram* DF | ✓ | ✓ | No effect |
| Ridomil* Gold MZ WG | ✓ | ✓ | No effect |
| Zampro* | ✓ | ✓ | No effect |
| Insecticides | | | |
| Ambush* EC | ✓ | ✓ | No effect |
| Admiral* Advance | ✓ | N.T. [^] | No effect |
| Belt* 480 SC + Agral* | ✓ | ✓ | No effect |
| Chess* | ✓ | ✓ | No effect |
| Movento* 240 SC | ✓ | N.T. [^] | No effect |
| Success* Neo | ✓ | N.T. [^] | No effect |

N.T. - Not tested. [^]Only tested on non-lettuce crops for Sclerotinia disease.

Kenja has been tested for compatibility in Australia with only the brand names listed, and with formulations of each product available at time of testing. Environmental conditions and product formulations can influence crop safety and may impact the result under local conditions, regardless of the findings presented herein.

Hence, this information should be treated as a guide only.

It is essential that growers read the labels of potential tank mix products thoroughly for any use restrictions that may apply, and conduct their own small scale trials prior to mixing and applying commercial quantities.

The information provided herein may include extracts from the product label and does not constitute the complete directions for use. READ THE PRODUCT LABEL THOROUGHLY BEFORE OPENING OR USING KENJA

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