

Newly registered for the control of Sclerotinia (White Mould) in green beans and lettuce

Non scheduled SC formulation

Group 11 fungicide (Mandestrobin)

Patented latex formulation



Intuity is now registered to control Sclerotinia (White Mould) in green beans and lettuce.

- Active constituent: 250 g/L Mandestrobin
- Group 11 fungicide
- Non scheduled
- SC formulation
- Patented latex formulation

The active ingredient in Intuity is Mandestrobin. Mandestrobin is a novel fungicide from the Strobilurin family which has been commercially developed by Sumitomo Chemical Co. Ltd.



Sclerotinia in lettuce

Mandestrobin

CHEMICAL STRUCTURE

H3₃

CH₃

SCLEROTINIA LIFE CYCLE

Intuity has an effect on almost all stages of the life cycle of *Sclerotinia sclerotiorum* such as spore germination, mycelial growth, sclerotia production and apothecial development, and effects on *Sclerotinia sclerotiorum* can be expected with various timings in practical situations.



Patented latex formulation



The patented latex formulation of Intuity has been developed to aid with rainfastness. The 'latex adjuvant' helps to stick the active ingredient onto the plant meaning more of the active ingredient at the point of protection for a longer period.

The benefits of the latex formulation, combined with the translaminar action of Intuity means that it performs when the pressure is on.

Trial results and field testing

SCLEROTINIA (WHITE MOULD) IN GREEN BEANS

For white mould control in green beans, apply Intuity at 20% flowering then again at full flowering when pods are starting to form. This is generally 7 to 10 days apart.

Trial on Sclerotinia in green beans Wivenhoe QLD



SCLEROTINIA (WHITE MOULD) IN LETTUCE

For white mould control in lettuce, begin application prior to disease development, after transplanting and continue with a 7-14 day interval between sprays. Use shorter interval when disease pressure is high.

Control of Sclerotinia in lettuce Bacchus Marsh VIC (9 DAT 5)





Untreated coral lettuce with Sclerotinia



Intuity treated coral lettuce



Directions for use

RESTRAINTS

DO NOT apply by aircraft.

CROP	DISEASE	RATE	CRITICAL COMMENTS
Green beans	White mould (Sclerotinia sclerotiorum)	1.2 L⁄ha	 Apply at 20% flowering then again at full flowering when pods are starting to form. This is generally 7 to 10 days apart. Good coverage is important to get good control. Generally water rates of 400-500 L/ha should be used. DO NOT apply more than twice per crop. Under conditions of high pressure a third application may be required about 7 days later, but this should be a chemical from a different mode of action group. Concentrate spraying is not recommended.
Lettuce head and leaf varieties	White mould/ Lettuce drop (<i>Sclerotinia</i> sp.)	1.2 L/ha	For Sclerotinia control, begin application prior to disease development, after transplanting, and continue with a 7-14 day interval between sprays. Use a shorter interval when disease pressure is high. Good coverage is important to get good control. Generally, water rates of 300-600 L/ha should be used with the rate increasing as lettuce size increases. DO NOT apply more than two consecutive sprays or more than three times per crop . These sprays should be alternated with fungicides from a different mode of action group. DO NOT use in protected cropping situations. Concentrate spraying is not recommended.

WITHHOLDING PERIODS:

Green beans: Harvest: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION Grazing: DO NOT GRAZE OR CUT TREATED AREAS FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION Lettuce: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION

Treated crops for export to particular destinations outside Australia may require a longer interval before harvest to comply with residues standards of importing countries. Please contact your industry body, exporter or Sumitomo Chemical Australia before using **INTUITY FUNGICIDE**.



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