



DESTRUCTION OF SCLEROTIA

REDUCE SCLEROTINIA IN TOPSOIL FOR THE LONG TERM

Broad Acre



Protect your plants from sclerotia of *Sclerotinia sclerotiorum* and *Sclerotinia minor*. These fungi are responsible for **white mold** lesions causing crop wilting and death. **LALSTOP® CONTANS WG** significantly reduces the expression of symptoms on sensitive crops **by reducing the level of inoculum in contaminated topsoils.**

TARGETED PESTS

✓ *Sclerotinia sclerotiorum*

✓ *Sclerotinia minor*

ADVANTAGES

- Based on a naturally occurring fungus that is safe to growers, consumers, beneficial insects, and the surrounding environment.
- **Flexibility of application:** Pre-planting/planting or after harvest (on crop residues).
- **Compatible** with most IPM programs.
- **No known risks for resistance** due to multiple modes of action.

MODES OF ACTION

Following the application of **LALSTOP CONTANS WG**, its incorporation into the soil allows the contained spores to make contact with the sclerotia.

The germinating spores of *Coniothyrium. minitans* CON/M/91-08 then penetrate these sclerotia through their germ tube (secretion of β -1.3-glucanases) and produce a mycelium.

This mycelium attacks and destroys the sclerotia. Infected sclerotia are then unable to generate apothecia or produce mycelium of *Sclerotinia* spp.

CHARACTERISTICS

Registration number
29066 Pest Control Products Act

Active Ingredient
Coniothyrium minitans, strain CON/M/91-08.....5.0%
Contains a minimum of 1.0×10^9 CFU/g

Package Size
20 kg

Storage information

- 2 years at 4°C
- 3 weeks at 15°C
- 2 weeks at 20°C
- 3 days at 30°C

Post-Harvest Interval
Up to and including day of harvest

Always read and follow label instructions.

REGISTERED CROPS*

- Canola
- Sunflower
- Safflower
- Dry Edible Beans
- Soybeans
- Alfalfa

*The product can also be applied before the field lies fallow or before sowing/planting a non-susceptible crop, provided that the soil is not plowed before planting the susceptible crop so as to avoid allowing untreated sclerotia from lower soil layers to infect the top soil.

CROP CYCLE DOSE MANAGEMENT



Soil preparation



Sowing / Planting



Harvest

APPLICATION RATES

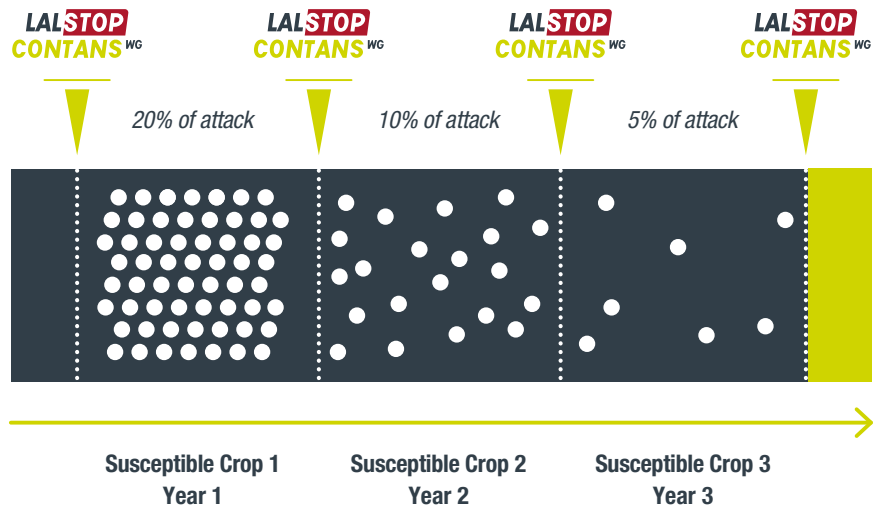
Crop	Pre-Planting/Planting	Onto crop residues
Canola, Sunflower, Safflower, Dry Edible Beans, Soybeans and Alfalfa	1 - 2 kg/ha (1 - 2 lbs/ac) OR 1 - 2 kg/ha (1 - 2 lbs/ac)	+ 0.5 - 1 kg/ha (0.5 - 1 lb/ac)

LALSTOP CONTANS WG is applied with conventional spraying equipment on fresh, moist soil with little clods. **LALSTOP CONTANS WG** must be quickly and homogeneously incorporated into the first centimeters of the soil.

ROTATION MANAGEMENT

Sclerotia are the long-term resting spores of *Sclerotinia*. Buried with plant debris during cultivation, they can survive in the soil for a maximum of 10 years. Brought to the surface by tillage, they germinate and allow the disease to spread again.

In situations of heavy infestation, the application of **LALSTOP CONTANS WG** allows a decrease in pressure by reducing the stock of sclerotia. In this case, the best results are obtained in a rotation with **LALSTOP CONTANS WG** applications over several years.



About Lallemand Plant Care

For over 100 years, Lallemand has been an expert in yeast and bacteria manufacturing. It is now a global leader in the development, production, and marketing of microorganisms for various industries. Using sound science and know-how, Lallemand Plant Care provides effective microbial-based solutions that deliver agronomic, economic, and sustainable value to growers.