

Contans WG
(1.0 × 10¹² CFU *Coniothyrium minitans* /kg)
Microbial pest control product against *Sclerotinia* spp.

Dossier according to OECD dossier guidance for microbial pest control agents and microbial pest control products – August 2006

Summary documentation, Tier II

Annex IIM, Section 5

Point IIM.9: Fate and behaviour in the environment

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Introduction

The preparation Contans WG is a water dispersible granule for the control of sclerotia of *Sclerotinia sclerotiorum* and *Sclerotinia minor* in the soil. Contans WG contains 50 g active spores / kg corresponding to 1.0×10^{12} active spores / kg of the soil fungus *Coniothyrium minitans* strain CON/M/91-08. Contans WG is a biological fungicide with a specific action against the resting survival structures (sclerotia) of the plant pathogens *Sclerotinia sclerotiorum* and *Sclerotinia minor*. A summary of the critical Good Agriculture Practice of Contans WG in Germany is presented in **Table IIM 9-1**.

Table IIM 9-1 Summary of critical Good Agricultural Practice for Contans WG

Crop	Formulation type Conc. of MPCA	Application		Application rate per treatment		
		Method	Number	kg MPCA/ha min-max	Water L/ha min-max	kg MPCA/hL min-max
Winter rape (Field)	WG 50 g/kg 1×10^{12} CFU/kg	Spraying (before sowing) ^{1, 2}	1	0.050 - 0.100	200 - 500	0.0100 - 0.050
Winter rape (Field)		Spraying (pre- or post-emerging until BBCH 19) ⁵	1	0.050 - 0.100	200 - 500	0.0100 - 0.050
Lettuce / soil decontamination		Spraying (pre planting and between growth cycles)	1	0.050 - 0.200	200 - 1000	0.0050 - 0.050
Lettuce / mycelia inhibition in top soil		Spraying (post planting)		0.050 - 0.200	200 - 2000	0.000020 - 0.0050
Soil decontamination (harvest residues of cucumber, bean, sunflower, oilseed-rape)		Spraying	1	0.050 - 0.300	200 - 1000	0.0050 - 0.150

¹ spraying followed by superficially incorporation into the soil

² application just before sowing

³ application 1 - 4 days after planting and 2 - 3 weeks after planting

⁴ followed by overhead irrigation or application on moist soil with irrigation system

⁵ application either before sowing, pre-/post emergence or post harvest before incorporation of plant residues into soil

IIM 9 Fate and behaviour in the environment for the Microbial Pest Control Product (Rationale to waive testing, based on adequacy of information provided for MPCA, to permit an assessment of the fate and behaviour of MPCP in the environment)

It is referred to the information submitted for *C. minitans* in Doc. M, Annex IIM, Section 5, Point 7. Apart from active spores, the preparation Contans WG contains only one additional formulant of food-grade quality as carrier (see Doc. J), which will be metabolised by micro-organisms immediately. As no impurities are present, no hazards to the environment are expected. Therefore, studies and information on the microbial pest control agent, *Coniothyrium minitans* strain CON/M/91-08, are considered applicable and relevant with regard to the evaluation of the formulated product. Any specific studies on the preparation Contans WG were not conducted.

The predicted environmental concentrations in soil and water are stated in Doc. M, Annex IIM, Section 6, Point 11.

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References

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