

Contans WG
(1.0×10^{12} 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 6

Point IIM 10 : Effects of the Microbial Pest Control Product on non-target organisms

Date: April 2014

Revision: November 2015

Author:

Name:

Company:

Street no.:

Location:

Phone:

Fax:

E-Mail:



Table of contents

Introduction.....3
IIM 10 Rationale to waive additional testing, based on adequacy of information provided for MPCA, to permit an assessment of the impact of the MPCP on non-target organisms.....4
IIM 10.1 Effects on birds4
IIM 10.2 Effects on aquatic organisms.....4
IIM 10.3 Effects on bees4
IIM 10.4 Effects on arthropods other than bees4
IIM 10.5 Effects on earthworms.....4
IIM 10.6 Effects on soil micro-organisms.....4
IIM 10.7 Additional studies.....4
References5

This document is copyright protected. Any distribution, reproduction or publication requires the consent of Bayer AG (or its respective affiliate). Any use of the document or its content for regulatory or any other commercial purpose is prohibited and constitutes a violation of the underlying license agreement.

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 × 10¹² 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 10-1**.

Table IIM 10-1 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 13) | 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) ^{3, 4} | 2 | 0.050 - 0.200 | 200 - 2000 | 0.00002 - 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 -7 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 10 Rationale to waive additional testing, based on adequacy of information provided for MPCA, to permit an assessment of the impact of the MPCA on non-target organisms

It is referred to the information submitted for the MPCA in Doc. M, Annex IIM, Section 6, Point 8. 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 non-target organisms 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 on non-target organisms. Any specific studies on the preparation Contans WG were not conducted.

IIM 10.1 Effects on birds

Refer to Point IIM 10 and to Doc. M, Annex IIM, Section 6, Point 8.1, respectively.

IIM 10.2 Effects on aquatic organisms

Refer to Point IIM 10 and to Doc. M, Annex IIM, Section 6, Point 8.2 to 8.5, respectively.

IIM 10.3 Effects on bees

Refer to Point IIM 10 and to Doc. M, Annex IIM, Section 6, Point 8.7, respectively.

IIM 10.4 Effects on arthropods other than bees

Refer to Point IIM 10 and to Doc. M, Annex IIM, Section 6, Point 8.8, respectively.

IIM 10.5 Effects on earthworms

Refer to Point IIM 10 and to Doc. M, Annex IIM, Section 6, Point 8.9.1, respectively.

IIM 10.6 Effects on soil micro-organisms

Refer to Point IIM 10 and to Doc. M, Annex IIM, Section 6, Point 8.10, respectively.

IIM 10.7 Additional studies

No additional studies are required.

This document is copyright protected.
Any distribution, reproduction or publication requires approval from Bayer AG or its respective affiliate.
Any use of the document or its content for regulatory or constitutive purposes without the prior written consent of Bayer AG or its respective affiliate constitutes a violation of the underlying license agreement.

References

No references are cited in this section.

This document is copyright protected.
Any distribution, reproduction or publication requires the consent of Bayer AG (or its respective affiliate).
Any use of the document or its content for regulatory or any other commercial purpose is prohibited and constitutes a violation of the underlying license agreement.