



**Agree® 50 WG**  
MAPP 17502

**A biopesticide in a water dispersable granule formulation containing 500 g/kg of *Bacillus thuringiensis subsp. aizawai strain GC-91* for the control of various *Lepidoptera* species in root, tuber crops and ornamentals.**

Xxx kg e  
Batch No.:

THE (COSHH) CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS MAY APPLY TO THE USE OF THIS PRODUCT AT WORK

### **SAFETY PRECAUTIONS**

Micro-organsims may have the potential to provoke sensitising reactions.

#### **Operator Protection**

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:

Operators must wear suitable protective clothing (coveralls), suitable protective gloves and suitable respiratory protective equipment \*.

\* Disposable filtering facepiece respirator to at least EN149 FFP3 or equivalent

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

WHEN USING DO NOT EAT, DRINK OR SMOKE

AVOID ALL CONTACT WITH SKIN

WASH CONCENTRATE from skin or eyes immediately

WASH HANDS AND EXPOSED SKIN before eating and drinking and after work

DO NOT BREATHE SPRAY

#### **Environmental Protection**

Do not contaminate water with the product or its container. Do not clean application equipment near surface water/avoid contamination via drains from farmyards and roads.

#### **Storage and disposal**

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP OUT OF REACH OF CHILDREN.

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

WASH OUT CONTAINER THOROUGHLY, empty washings into the spray tank and dispose of safely.

At ambient temperature Agree 50 WG will be stable for approximately 24 months.

**IMPORTANT INFORMATION**

FOR USE ONLY AS AN AGRICULTURAL/ HORTICULTURAL INSECTICIDE

**Crops:**

Swede, beetroot, raddish, black raddish, ornamental plant production (outdoor and protected) and amenity vegetation.

**Interval between applications:** 7 days

**Maximum individual dose:** 1 kg/ha

**Maximum number of treatments:** 6 for Ornamental plant production (outdoor and protected). For all other crops 3.

**Latest time of application:** BBCH99 (please refer to attached leaflet for full details of application timings).

**READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.**

**Agree 50 WG**

A water dispersible granule containing 500 g/kg w/w of *Bacillus thuringiensis* subsp. *aizawai* strain GC-91.

**WARNING**

**MAY CAUSE AN ALLERGIC SKIN REACTION.**

Keep out of reach of children.

Avoid breathing dust.

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves.

Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for triple rinsed, empty clean containers which can be disposed of as non-hazardous waste.

To avoid risks to human health and the environment, comply with the instructions for use

**MAPP 17502**

**DIRECTIONS FOR USE:** Refer to leaflet attached to this container.

PROTECT FROM FROST.



This label is compliant with the CPA Voluntary Initiative Guidance

**Marketed by:**

**CERTIS**

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**For advice on medical emergencies, fires, spillages or chemical hazards**

® – Agree 50 WG is a registered trade mark of Certis USA

**CONDITIONS OF SUPPLY:** The Seller warrants that the goods shall at the time of delivery to the Buyer conform to the Seller's standard specification but all other conditions and warranties, whether express or implied by statute or custom of the trade or otherwise and whether as to condition, quality, performance, merchantability, fitness for any purpose or otherwise, are expressly excluded and, subject as aforesaid, the Seller shall be under no liability whatsoever, in contract or in tort, for or in respect of any loss or damage whatsoever resulting from or arising out of the goods or supply or use thereof, whether caused by the negligence of the Seller or otherwise. The Seller shall be under no liability in respect of the warranty given above unless the Buyer allows the Seller reasonable opportunity of inspecting the goods where practicable. A consumers statutory rights are not affected.

## **GENERAL INFORMATION**

Agree 50 is a water dispersible granule based on the spores and crystal proteins ( $\delta$ -endotoxins) from the bacteria *B. thuringiensis* subsp. *aizawai* strain GC-91. It is used for the control of caterpillar species on various crops. Upon ingestion, the crystal proteins dissolve in the stomach, damaging tissue. The caterpillars stop eating and die after a few days.

**Storage** – At ambient temperature Agree 50 WG will be stable for at least 24 months.

## **DIRECTIONS FOR USE**

Please note Agree 50 WG may be harmful to biological control agents. Consult your supplier of biological control agents on the use of Agree 50 WG in combination with the use of biological control agents.

**IMPORTANT:** This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

**IMPORTANT:** Agree 50 WG has a non-systemic mode of action. Ensure good coverage of the plant parts likely to be affected by the pest. Spray to run off. Ensure that the plant is thoroughly covered, paying special attention to the underside of leaves and to growing points.

**Spraying Technique:**

For pesticides to work effectively it is important to get good crop coverage. Frequently cases of supposed pesticide failure are actually the result of poor crop coverage.

**Rate of application:**

Refer to table below

Crop and/or situation	*1	Pests or Groups of pests controlled	Application			Application rate per treatment
			Growth stage	Number *** min-max	Water L/ha min-max	Kg/ha min-max
Swede	F	Plutellidae ( <i>Plutella xylostella</i> ), Crambidae ( <i>Evergestis forvicalis</i> ), Pieridae ( <i>Pieris</i> spp.), Noctuidae ( <i>Autographa gamma</i> , <i>Mamestra brassicae</i> , <i>Plusia</i> spp.)	April-September BBCH 09-99	1 - 3	200 - 800	0.5 (1.0)
Beetroot, raddish, black raddish	F	Plutellidae ( <i>Plutella xylostella</i> )	April – September BBCH 09-99	1 - 3	200 - 800	0.5 (1.0)
	G		January – December BBCH 09-99		200 - 1000	

Crop and/or situation	*1	Pests or Groups of pests controlled	Application			Application rate per treatment
			Growth stage	Number *** min-max	Water L/ha min-max	Kg/ha min-max
Ornamental plant production – crops up to 50 cm (outdoor and protected)	G	Pieri Pieridae ( <i>Pieris</i> spp.), Noctuidae ( <i>Plusia</i> spp., <i>Mamestra</i> spp.), Lymantriidae ( <i>Euproctis chrysorrhoea</i> , <i>Leucoma salicis</i> , <i>Lymantria dispar</i> ), Lasiocampidae ( <i>Malacosoma neustria</i> ), Yponomeutidae ( <i>Yponomeuta</i> spp.)	January – December BBCH 09-99	1 - 6	2000	0.5 (1.0)
	F		April – September BBCH 09-99			
Amenity vegetation	F	Pieridae ( <i>Pieris</i> spp.), Geometridae ( <i>Operophtera brumata</i> ), Lymantriidae ( <i>Euproctis chrysorrhoea</i> , <i>Lymantria dispar</i> , <i>Leucoma salicis</i> ), Lasiocampidae ( <i>Malacosoma neustria</i> ), Yponomeutidae ( <i>Yponomeuta</i> spp.)	April – September BBCH 09-99	1 - 3	2000	0.5 (1.0)

\*1 Field of use (F) Field, (G) Glasshouse

\*\*\* For ornamental plant production (outdoor and protected) the number of applications must not exceed 25 per glasshouse structure

### Application

Application should be made in accordance with the rate of application table above, ensuring adequate coverage of the crop.

### Mixing and cleaning

Fill sprayer with half the required volume of water and commence agitation. Add measured quantity of Agree 50 WG. Complete filling of sprayer with water to the required volume. Ensure product is thoroughly mixed before application. Continuous agitation must be maintained until spraying is complete.

On emptying the container, rinse container thoroughly by using an integrated pressure rinsing device or by manually rinsing three times. Add washings to sprayer at time of filling and dispose of container safely.

All application equipment must be thoroughly cleaned with water prior to storage or use on another crop.

**Resistance:**

To avoid the development of resistance, Agree 50 WG should be alternated with products that have different modes of action within the overall treatment programme. Using Agree 50 WG with chemical and non-chemical control methods can form part of an Integrated Pest Management (IPM) system, consider alternating a range of methods within pest generations.

**Storage**

Do not store diluted product, always use immediately after mixing. Store concentrate at ambient temperature in a dry place for 24 months from date of manufacture.

**Phytotoxicity:**

No phytotoxic effects have been recorded on a small range of crops and ornamentals. Because of the diversity of crops that may be treated, it is important that a few plants should be tested before treating wider areas.

**END OF LABEL TEXT**

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