

Parasol® WG provides growers with consistent, uniform copper coverage and enhanced disease protection through extremely small particle size and a high organic copper load.

# Parasol® WG

## Benefits

- Easy to handle and mix
- Eliminates clogging of sprayer and booms
- Highly compatible with other products
- Small active particle size to ensure superior coverage

## Registered crops

- Bean
- Cranberry
- Cucumber
- Grapes
- Hops
- Pepper
- Potato
- Sugar beet
- Tomato

## General usage information

- Use as a preventative/protective fungicide spray
- Use on a 7-14 day interval depending on disease conditions
- Adaptable for spraying with all types of equipment



## Technical information

### CHEMICAL CLASS

- > M1 fungicide

### ACTIVE INGREDIENTS

- > copper hydroxide 50%

### PACKAGING

- > 10 kg bag

### RAINFAST

- > Avoid application when heavy rainfall is in the forecast

### PCP #

- > 29063

APPROVED FOR  
ORGANIC PRODUCTION

 **Nufarm**  
Grow a better tomorrow

## Specific crop usage information

DISEASE CONTROLLED      RATE      PHI      APPLICATION INFORMATION

### BEAN

Common bacterial blight ( <i>Xanthomonas campestris</i> <i>pv. phaseoli</i> ) Halo bacterial blight ( <i>Pseudomonas syringae</i> <i>pv. phaseolicola</i> )	2.25-3.25 kg/ha (0.91-1.3 kg/ac.)	2	For protective sprays, apply first application when plants are 15 cm high Apply on 7-14 day schedule depending on local conditions Do not apply more than 6 treatments per year
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### CRANBERRIES

Fruit rot complex (early rot ( <i>Phyllosticta</i> <i>vacinii</i> ), end rot ( <i>Godronia</i> <i>cassandrae</i> , <i>Fusicoccum</i> <i>putrefaciens</i> ), viscid rot ( <i>Phomopsis vaccinii</i> ), botryosphaeria fruit rot and berry speckle ( <i>Botryosphaeria vaccinii</i> ), ripe rot ( <i>Coleophoma</i> <i>empetri</i> ), black rot ( <i>Allantophomopsis</i> <i>lycopodina</i> ), yellow rot ( <i>Botrytis cinerea</i> ), blotch rot ( <i>Phylospora vaccinii</i> ), and bitter rot ( <i>Colletotrichum</i> <i>gloeosporioides</i> )) Rose bloom ( <i>Exobasidium oxycocci</i> ) Monilinia tip blight ( <i>Monilinia oxycocci</i> ) Twig blight ( <i>Lophodermium oxycocci</i> , <i>L. hypophyllum</i> ) Red leaf spot ( <i>Exobasidium rostrupii</i> )	4.71 kg/ha (1.9 kg/ac.)	2	For all diseases, do not make more than 3 applications per year with a minimum of 7 days between applications For boom application equipment: Use 500-1,000 L water/ha For chemigation: Use up to 3,000 L water/ha through solid set systems only. See application and calibration techniques for sprinkler chemigation under "Directions for Use". Please refer to label for specific use instructions for each disease
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### CUCUMBER

Angular leaf spot ( <i>Pseudomonas syringae</i> <i>pv. lachrymans</i> )	2.25-3.25 kg/ha (0.91-1.3 kg/ac.)	2	Apply weekly once the plants begin to vine Do not apply more than 5 treatments per year
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### GRAPES

Black rot ( <i>Guignardia bidwellii</i> ) Phomopsis rot ( <i>Phomopsis viticola</i> ) Powdery mildew ( <i>Uncinula necator</i> <i>syn.</i> <i>Erysiphe necator</i> ) Downy mildew ( <i>Plasmopara viticola</i> )	2.24-6.72 kg/ha (0.91-2.7 kg/ac.) in 400 to 600 L water/ha	2	The amount of product applied per ha in concentrate must be the same as the amount applied per ha in dilute spray Ensure crop is thoroughly covered with spray mixture For all diseases, begin application at bud break and repeat at 3 day intervals through the season if needed For all diseases, do not make more than 8 applications per year with a minimum of 3 days between applications May be applied using vertical boom or air-assisted sprayers. Note: Injury to foliage may occur in copper-sensitive varieties such as: Concord, Delaware, Niagara and Rosette. The addition of hydrated lime at a rate of 0.454-1.36 kg per 0.454 kg of Parasol WG Fungicide may reduce the severity of phytotoxicity. Add lime to the spray tank first and mix thoroughly before adding product.
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DISEASE CONTROLLED	RATE	PHI	APPLICATION INFORMATION
<b>HOPS</b>			
Downy mildew ( <i>Peronospora humuli</i> )	1.2 kg/ha (0.49 kg/ac.) in 400 to 1,000 L water/ha	14	Do not apply more than 5 treatments per year at a minimum interval of 10 days The amount of this product applied per ha in concentrate must be the same as the amount applied per ha in dilute spray Ensure crop is thoroughly covered with spray mixture Apply as a fungicide crown treatment after pruning, but before training After training, apply at 10 days interval if needed Discontinue use 2 weeks before harvest Do not make more than 5 applications per year with a minimum of 10 days between applications May be applied using vertical boom or air-assisted sprayers
<b>PEPPER</b>			
Bacterial spot ( <i>Xanthomonas campestris</i> <i>pv. vesicatoria</i> and <i>X. vesicatoria</i> )	2.25-3.25 kg/ha (0.91-1.3 kg/ac.)	2	When disease threatens, apply on a 7-14 day interval depending on disease severity and rainfall Do not apply more than 10 treatments per year, with a minimum re-treatment interval of 3 days
<b>POTATO</b>			
Early blight ( <i>Alternaria solani</i> ) Late blight ( <i>Phytophthora infestans</i> )	1.1-2.5 kg/ha (0.45-1.0 kg/ac.)	2	Apply at 7-10 day intervals starting when plants are 15 cm high until harvest Combine with 1.75-2.25 kg/ha of mancozeb Apply at 3.4 kg/ha at vinekill with a desiccant or alone after vinekill, prior to harvest for disease management This late treatment may reduce infection of tubers by the late blight fungus during harvesting Do not apply more than 10 treatments per year, with a minimum re-treatment interval of 5 days
<b>SUGAR BEET</b>			
Cercospora leaf spot ( <i>Cercospora beticola</i> )	2.25-4.25 kg/ha (0.91-1.72 kg/ac.)	2	Start spray when disease threatens and continue for 4-6 applications Spray every 10-14 days depending on weather conditions at 2.25-4.25 kg/ha depending on disease severity Addition of a suitable non-herbicidal agricultural spray oil is recommended at 5.5 L/ha Do not apply more than 6 treatments per year
<b>TOMATO</b>			
Bacterial spot ( <i>Xanthomonas campestris</i> <i>pv. vesicatoria</i> ) Early blight ( <i>Alternaria solani</i> ) Late blight ( <i>Phytophthora infestans</i> )	1.75-2.25 kg/ha (0.7-0.91 kg/ac.)	2	When disease threatens, apply 2.25 kg/ha on a 7-10 day interval, more frequently depending on disease severity and rainfall Combine with 1.75-2.25 kg/ha mancozeb Do not apply more than 10 treatments per year, with a minimum re-treatment interval of 3 days



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Always read and follow the product label for more detailed information on control of weeds, insects or disease, application directions, and use precautions.  
Please refer to label for more information including future label expansions that may include new crops, pests and use patterns.  
Please refer to product label for re-entry periods.

Always read and follow label directions.

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