

FUNGURAN® PROGRESS

A contact fungicide in the form of a wettable powder (WP) containing 537 g/Kg Copper Hydroxide (350 g Cu/kg) for the protection of hops against fungal diseases.

For use in England only, under the terms of emergency derogations issued in accordance with Article 53 of Regulation (EC) No.1107/2009. Users must comply with all conditions of the emergency authorisation as detailed below.

Batch no:

Pack size:

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

SAFETY PRECAUTIONS

Operator protection

Spray equipment must only be used where the operator's normal working position is within a closed cab on a tractor or on a self-propelled sprayer when making broadcast air assisted applications.

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

Operators must wear suitable protective gloves, face protection (faceshield) and suitable respiratory protective equipment* when handling the product.

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

However, other engineering controls in addition to those specified above may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

Workers must wear suitable protective gloves* when handling treated crops within 4 weeks after treatment (see Other Specific Restrictions).

*Meeting at least glove safety standard EN374-2:2019, Level 2 and CE category III. Such gloves can be identified by a CE Mark with four digits below, and the EN374 pictogram for micro-biological hazards.

IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).

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.

Do not allow the product and / or its container to enter waters.

To protect non-target non-target birds, mammals and soil macro-organisms, respect an unsprayed buffer zone of 10m to non-crop areas.

Since there is a risk to aquatic life from use, spray from broadcast air-assisted sprayers must not be allowed to fall within 50m of the top of the bank of any static or flowing waterbody or within 5m of the top of a ditch which is dry at the time of application. Aim spray away from water.

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Where the buffer zone is greater than 5m then it must not be reduced under the LERAP scheme.

Buffer zones must be measured in accordance with the guidance set out in the HSE Chemicals Regulation Division's website and any amendments made to it.

Detailed guidance on LERAPs and how to conduct a LERAP are contained in the booklet 'Local Environment Risk Assessment for Pesticides - Broadcast Air-Assisted Sprayers', available from HSE Chemicals Regulation Division's website. All LERAPs must be carried out in accordance with this Guidance and any amendments that are made to it.

The results of the LERAP must be recorded in written form and must be available for a period of three years for inspection to any person entitled to exercise enforcement powers under or in connection with the Plant Protection Products Regulations 2011 or the Plant Protection Products (Sustainable Use) Regulations 2012. (An electronic record will satisfy the requirement for a written record, providing it is similarly available for inspection and can be copied).

To protect non-target birds, mammals and soil macro-organisms respect an unsprayed buffer zone of 10m to non-crop areas.

Extreme care must be taken to avoid spray drift onto non-crop plants outside of the target area.

Storage and disposal

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

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

Store product in a cool, dry place.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

IMPORTANT INFORMATION

FOR USE ONLY AS A PROFESSIONAL FUNGICIDE

Crops/situations:	Maximum individual dose: (Kg product / ha)	Maximum total dose:	Maximum number of treatments: (per crop/season)	Latest time of application:
Hops	BBCH 37 to 55: 3.6 >BBCH 55: 5.4	10.8 kg product per hectare per year	2	7 days before harvest

Other specific restrictions:

This product must only be applied on conventional hops for control of *Alternaria alternata* and on organic hops for control of downy mildew (*Pseudoperonospora humuli*) in accordance with the terms of the Emergency authorisation.

For conventional hops, the earliest time of application is 21 days before harvest.

This product must not be applied via hand-held equipment.

The maximum total dose of copper substances from all sources, including non-plant protection uses, must not exceed 4 kg copper/ha per annum.

Copper is poisonous to sheep. Grazing on treated areas is not advisable.

When manually cutting or handling tall hop bines, workers must wear suitable protective gloves (see worker protection phrase). Gloves are not required when harvesting low hop bines where the hop cone is mechanically removed from the live bine in-situ.

The Emergency authorisation is for use in England only.

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

FUNGURAN® PROGRESS

A wettable powder formulation containing 537 g/Kg Copper Hydroxide (350 g Cu/kg)



**CAUTION
CAUSES SERIOUS EYE IRRITATION
HARMFUL IF INHALED
VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS**

Wash thoroughly with soap after handling
Use only outdoors or in well ventilated area
Wear protective gloves/protective clothing/eye protection/face protection
If eye irritation persists: Get medical advise/attention
Collect spillages
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 environment, comply with the instructions of use.



This label is compliant with the CPA Voluntary Initiative Guidance

DIRECTIONS FOR USE

See leaflet attached to bottle.

Marketed by:

CERTIS

Certis Europe B.V, Suite 5, 3 Riverside, Granta Park, Great Abington, Cambridgeshire, CB21 6AD

Tel: 0044 (0)845 373 0305

Fax: 0044 (0)1223 891210

E-mail: certis@certiseurope.co.uk

For technical and non-emergency calls - phone 0044 (0)1223 894261

**For advice on medical emergencies, fires, spillages or chemical hazards ONLY –
phone
0870 190 6777**

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Authorisation Holder: Spiess-Urania Chemicals GmbH, Frankenstrasse 18 b, 20097 Hamburg, Germany c/o Certis Europe B.V

® FUNGURAN PROGRESS is a registered trademark of Spiess-Urania Chemicals GmbH, Frankenstrasse 18 b, 20097 Hamburg, Germany

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 consumer's statutory rights are not affected.

GENERAL INFORMATION

Funguran® Progress contains the active ingredient copper hydroxide. It is used preventively as a pure contact fungicide against fungal pathogens. In the event of contact with **Funguran® Progress**, the pathogen passively absorbs copper to a large degree, as a result of which the infection is prevented. The mechanism of action (FRAC Group): M1

In order to ensure the full efficacy of **Funguran® Progress**, it is important to apply the fungicide, if possible, to the entire surface of the plant. The spray technique and equipment and the quantity of water used should always ensure that all parts of the plants to be treated are perfectly covered.

Due to its specific formulation, **Funguran® Progress** is extremely adhesive on the plant. It is only slowly rinsed off by subsequent rain and therefore has a long effect period.

DIRECTIONS FOR USE:

IMPORTANT: This information is authorised 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.

Restrictions

Under severe conditions, it is recommended to alternate use of **Funguran® Progress** with that of products containing other active ingredients having a different mode of action.

Crop specific information – Diseases controlled

Crop	Purpose of use	Dose / ha	Protective period
Hops	Alternaria cone disorder <i>Alternaria alternata</i> ALTEAL Hop Downy Mildew <i>Pseudoperonospora humuli</i> PSPEHU	3.6 to 5.4 kg	7 days

INSTRUCTIONS FOR APPLICATION:

Hops

Dosage:

- from BBCH 37 to 55: 3.6 kg/ha in a range of 1000 - 1500 l water /ha
- above BBCH 55: 5.4 kg/ha in a range of 1000 - 1500 l water /ha.

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Number of treatments: A maximum of 2 treatments for the crop or per year.

Interval between applications: 7-14 days.

Time of application: When detecting the first signs of infestation and / or based on the forecast for the organism; BBCH 37-89

The total amount of product per ha and year is no more than 10.8 kg.

The maximum application rate on the same land, shall not be exceeded by the other copper based fertiliser products.

Compatibility

When the instructions for use and application directions are adhered to, there is no known Information about potential phytotoxicity. Apply when there is no wind.

Since different tolerances can occur in individual varieties, it is recommended, in case of doubt before the spraying of the entire stock to test the sensitivity of individual plants. Allow for an observation period of 5-8 days.

Resistance:

Copper hydroxide is a contact acting fungicide. Risk of resistance is low. To minimize the risk of resistance: Apply **Funguran® Progress** at the doses on the label and rotate fungicides with different modes of action.

Mixing and spraying

Mix a weighed quantity of the product with small amounts of water in an auxiliary tank until it becomes a homogeneous slurry, pour the mixture into a sprayer tank half full of water and add to the desired volume. Prepare only the amount of spray fluid to be consumed. Dispose of empty containers of this product as hazardous waste. It is not allowed to reuse the packaging for other purposes. The quantity of water used, and the spray technique and equipment should ensure that all parts of the plants are perfectly covered on all sides.

Cleaning

After finishing work neutralize spray liquid remnants and at the same time thoroughly clean spraying equipment, rinse thoroughly with clean water. The product is not flammable. If it reaches the center of a fire, extinguish the fire with foam, powder, sand or earth. Extinguish with water only by creating a fine mist or sprinkling it, and only in those cases where it is guaranteed that no contaminated water enters the public sewer system and does not reach sources of groundwater or surface water.

Storage

Keep containers tightly closed in, original containers in a locked, cool, dry, well ventilated storage away from food, beverages, animal feed, fertilizers, disinfectants, flammable and their containers. Protect from frost and direct sunlight. If properly stored in original, undamaged packaging, the product's shelf life is a minimum 2 years from date of manufacture.

Disposal of residues

Dispose of unusable product residue in the original packaging as hazardous waste. Unused spray liquids should be disposed after dilution by spraying on an untreated surface but may not affect ground water resources and surface water or dispose as hazardous waste. Spray rinse water i.e. diluted technological residue dispose as hazardous waste in compliance with current legislation on waste.

Under this derogation effectiveness and crop safety of this product has not been assessed and is used at grower's own risk.