

THIOPRON®

FUNGICIDE

PCS 05496

A suspension concentrate containing 825 g/L sulphur for use against Powdery Mildew on cereals (wheat, barley, oats, rye and triticale), sugar beet, gooseberries, strawberries, grapevines, root vegetables (swede and turnip), for control of Gall Mite ("Big Bud") in blackcurrants and redcurrant, and for use against Septoria on wheat.

THIOPRON can also be used as a foliar feed on oilseed rape and peas.

FOR PROFESSIONAL USE ONLY

WARNING

May cause an allergic skin reaction.
Causes serious eye irritation.

Keep out of reach of children.
Do not eat, drink or smoke when using this product.
Wear protective gloves/protective clothing.
Dispose of contents /container to a licensed hazardous-waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.

Contains 1,2-benzisothiazolin-3-one. Many produce an allergic reaction.
To avoid risks to human health and the environment, comply with instructions for use.

UFI: P6P1-U94V-J5SE-6SHJ



PCS no.05496

Approval holder:
UPL Holdings Coöperatief U.A.
Claudius Prinsenlaan 144 A
Blok A, 4818CP Breda
The Netherlands

Marketing Company
UPL Europe Ltd.
Engine Rooms, 1st Floor, Birchwood Park, Warrington, WA3 6YN
Telephone: +44 (0)1925 819999
Fax: +44 (0)1925 817425

24 hour emergency telephone number: +44 (0) 1235 239670

Manufacturing date and Batch No.: see packaging

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NET CONTENT



IMPORTANT INFORMATION				
FOR PROFESSIONAL USE ONLY AS AN AGRICULTURAL FUNGICIDE				
Crops/situations	Maximum single dose (l product/ha)	Maximum number of applications	Maximum total dose (l product/ha)	Latest time of application
Barley, oats, rye, triticale, wheat	9.7 ¹	2 per crop	19.4 per crop/year	Before beginning of flowering: first anthers visible (BBCH 61)
Wheat	7.28 ²	2 per crop	14.56 per year	End of heading: inflorescence fully emerged (BBCH 59)
Sugar beet	9.7 ¹	2 per crop	19.4 per year	-
Blackcurrant and redcurrant (outdoor), gooseberry (outdoor)	5.0 ¹	3 per year	15.0 per crop/year	Before fruit ripe for picking, most berries ripe (at BBCH 85)
Strawberry (outdoor)	2.0 ¹	3 per year	6.0 per year	Before beginning of ripening: most fruits white in colour (BBCH 81)
Table grapes (outdoor), wine grapes (outdoor)	5.0 ¹	8 per year	40.0 per year	Before berries developing colour (BBCH 81)
Swede (outdoor), turnip (outdoor)	9.7 ¹	2 per crop	19.4 per crop/crop	Before main shoot begins to elongate (BBCH 51)

¹ Powdery mildew
² Septoria

Other Specific Restrictions
Use only on outdoor crops.
To protect non target insects/arthropods respect an unsprayed buffer zone of 5 m to non-crop land.

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.

SAFETY PRECAUTIONS

Operation Protection

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate.
WASH CONCENTRATE from skin or eyes immediately.
WASH HANDS AND EXPOSED SKIN before meals and after work.
WHEN USING DO NOT EAT, DRINK OR SMOKE.
IF ON SKIN: Wash with plenty of soap and water.

Treated crops should not be re-entered until spray deposits have completely dried.

Environmental protection

DO NOT CONTAMINATE SURFACE WATER WITH THE CHEMICAL OR USED CONTAINER.
DO NOT EMPTY INTO DRAINS.
DO NOT CLEAN APPLICATION EQUIPMENT NEAR SURFACE WATER. AVOID CONTAMINATION VIA

DRAINS FROM FARMYARDS AND ROADS.

Use appropriate containment to avoid environmental contamination.
Avoid release to the environment. Refer to special instructions/ safety data sheet.
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 OUT OF REACH OF CHILDREN.
KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.
PROTECT FROM FROST.
RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely.
This material and its container must be disposed of in a safe way.

DO NOT RE-USE CONTAINER FOR ANY PURPOSE.

DIRECTIONS FOR USE

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.

As THIOPRON is a preventive fungicide, spraying should be carried out before the disease has become established in the crop. Certain varieties of fruit trees, bushes and vines may be damaged by sulphur sprays. The form of the spray, district, soil and weather conditions and type of stock all affect the degree of sulphur shyness. If in doubt, treat a small area with the product first.

The best available application technique, which minimises off-target drift should be used to reduce effects on non-target insects or other arthropods.

RESISTANCE MANAGEMENT

- A strategy for preventing and managing such resistance should be adopted.
- Maintain the label dose rate.
- Application for preventive control and within the maximum specified number of applications per season
- Use as part of a spray program in sequence and tank mixtures with other fungicides with different modes of action where relevant.

MIXING AND APPLICATION

SHAKE WELL BEFORE USE.
Add the product to the required volume of water in the spray tank. Leave to disperse and then agitate well. Continue effective agitation until spraying is complete.
Wash out sprayer thoroughly after use by rinsing three times with water.

CROP SPECIFIC INFORMATION

Sugar Beet

Powdery Mildew appears in most seasons on sugar beet. Yields can be significantly affected due to a reduction in photosynthetic leaf area.
Rate of application: Apply THIOPRON at 9.7 L per hectare in a volume of water between 200-600 litres.
Timing: Apply THIOPRON as soon as disease is seen in the crop from crop cover complete to beet at harvestable size. A second application may be necessary 2-3 weeks later.

Blackcurrants and Redcurrants

For control of Blackcurrant Gall Mite ("Big Bud").
Rate of application: Apply at a maximum rate of 5 L per hectare in a volume of water between 500-1000 litres per hectare.
Maximum number of applications: 3 with a minimum interval of 14 days.
Timing: Apply three times from first open blossom with a 14-day interval. An authorised non-ionic wetter should be added to the sprayer tank.
NOTE: DO NOT use on fruit to be used for processing.

Gooseberries

For control of Powdery Mildew.
Rate of application: Apply at a maximum rate of 5 L per hectare.
Maximum number of applications: 3 with a minimum interval of 14 days.
Timing: Apply at early stage inflorescence and repeat at young fruit and fruit swelling. Good coverage is necessary.
Latest timing of applications: Up to and including fruit swell.
NOTE: DO NOT use on the following "Sulphur-shy" varieties: Golden Drop, Leveller, Lord Derby, Careless, Early Sulphur, Roaring Lion, Yellow Rough.
NOTE: DO NOT use on fruit to be used for processing.

Strawberries

For control of Powdery Mildew.
Rate of application: Apply at a maximum rate of 2 L per hectare in a volume of water between 500-1000 litres per hectare.
Maximum number of applications: 3 with a minimum interval of 10 days.
Timing: Apply as soon as disease appears from inflorescence emergence until 90% of fruit are formed. Repeat at 10-day intervals as necessary. NOTE: DO NOT use on fruit to be used for processing.

Cereals (Wheat, Barley, Oats, Rye, Triticale)

Powdery Mildew shows as white pustules, growing on the surface of leaves and leaf sheaths. Treatment can give partial control of mildew on winter and spring cereals. However, results may be variable and systemic fungicides can be more reliable, especially in showery weather. Active established mildew may not be adequately controlled by THIOPRON.
Rate of application: Apply THIOPRON at 9.7 L per hectare in a volume of water between 200-400 litres per hectare.
Maximum number of applications: 2 with an interval of 10-14 days.
Timing: Apply THIOPRON from first node to before beginning of flowering, first anthers visible. Repeat with a second spray with a minimum interval of 10-14 between applications according to disease prevalence.

Wheat

For reduction on severity of Septoria on Wheat.
Rate of application: Apply THIOPRON at 7.28 L per hectare in a volume of water between 100-600 litres per hectare.
Maximum number of applications: 2 with a minimum interval of 7 days.
Timing: Apply THIOPRON from the beginning of stem elongation-in-florescence fully emerged. Repeat with a second spray with a minimum interval of 7 between applications according to disease prevalence.

Grapevines

For control of Powdery Mildew.
Rate of application: Under medium disease pressure apply at a maximum rate of 5 L per hectare in a water volume of 1000 litres per hectare. Under high disease pressure alternative control measures may be required.
Maximum number of applications: 8 with a minimum interval of 10 days.
Timing: From 6 leaves unfolded from away from the shoot until the beginning of ripening. Apply as soon as disease appears and repeat at 10-day intervals as necessary.
NOTE: DO NOT apply THIOPRON near to harvest on grapes intended for wine.

Swede and Turnip

For moderate control of powdery mildew. Powdery mildew is a leaf disease of swedes and turnips which can depress yields.
Rate of application: Apply at a maximum rate of 9.7 L per hectare in a volume of water between 500-1000 litres per hectare.
Maximum number of applications: 2.
Timing: From third true leaf unfolded to root expansion complete. Apply as soon as disease appears in the crop, when the crop meets between the rows (mid-July to August). Repeat 2 to 3 weeks later if weather conditions remain suitable for disease spread.
Latest time of application: Before the end of September. THIOPRON should only be applied if further growth is needed.

CROP SPECIFIC INFORMATION FOR USE AS A FOLIAR FEED

The following uses do not fall within the scope of Regulation (EC) No. 1107/2009.
Please seek advice from distributor before application to any other crop.

Oilseed Rape

An early spring spray gives useful growth promotion which often leads to an increase in the longevity of green leaf area and consequently increased yield.
Rate of application: Apply THIOPRON at 9.7 L per hectare in 200-500 litres of water.
Maximum number of applications: 2 with a minimum interval of 14 days.
Timing: Apply THIOPRON during March at beginning of spring growth (BBCH 31-79).

Peas

Rate of application: Apply THIOPRON at 5 L per hectare in 200-500 litres of water.
Maximum number of applications: 2 with a minimum interval of 14 days.
Timing: Apply THIOPRON between stages BBCH 31-79.

CONDITIONS OF SUPPLY

All goods supplied by the company are of good quality and we believe them to be fit for purpose. However, as we cannot exercise control over their storage, handling, mixing or use or the weather conditions before, during or after application, which may affect the performance of the goods, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded, and no responsibility will be accepted by us or re-sellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods. Brand names used in this label may be registered trademarks of UPL Europe Ltd, or other manufacturers in which propriety rights may exist.