

SOAR

MAPP 18147

A suspension concentrate containing 500 g/litre (40.4% w/w) chlorothalonil.
SOAR is a protectant fungicide for the control of diseases in wheat and barley.

Net Contents: 1 to 20 Litres **e**

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Contains chlorothalonil and 1,2 benzisothiazolin-3-one



Warning

May cause allergic skin reaction
Causes serious eye irritation
Harmful if inhaled
May cause respiratory irritation
Suspected of causing cancer
Very toxic to aquatic life with long lasting effects
Keep out of reach of children
Obtain special instructions before use
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN: Wash with plenty of soap and water
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing.
If exposed or concerned: Get medical advice/attention.
Collect spillage
Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for 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

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crops/situations:	Maximum individual dose: (l product / ha)	Maximum total dose:	Maximum number of treatments: (per crop)	Latest time of application:
Wheat	2	-	2	Before grain watery ripe stage (GS 71)
Barley	2	-	2	Before beginning of heading (GS 51)

The following Aquatic Buffer Zones must be observed:

Crops/situations:	Aquatic buffer zone distance (metres):
Wheat	5
Barley	5

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.

The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

Use appropriate containment to avoid environmental contamination.

SAFETY PRECAUTIONS

Operator Protection

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

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND FACE PROTECTION (FACESHIELD)

when handling the concentrate.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling contaminated surfaces. However, engineering controls may replace personal protective equipment if a COSHH assessment shows that they provide an equal or higher standard of protection.

WASH ALL PROTECTIVE CLOTHING thoroughly after use especially the insides of gloves.

WHEN USING DO NOT EAT, DRINK, OR SMOKE.

WASH SPLASHES from skin or eyes immediately.

DO NOT BREATHE SPRAY.

WASH HANDS AND EXPOSED SKIN before eating, drinking or smoking and after work.

IN CASE OF CONTACT WITH EYES, rinse immediately with plenty of water and seek medical advice.

Environmental Protection

To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies in line with **LERAP** requirements.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5 m of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1 m of the top of a ditch which is dry at the time of application. **DO NOT ALLOW DIRECT SPRAY** from hand-held sprayers to fall within 1 m of the top of the bank of a static or flowing water body. Aim spray away from water.

This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

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.

RINSE CONTAINER THOROUGHLY by using an integrated pressure rinsing device or manually rinsing three times. Add washings to the sprayer tank at the time of filling and dispose of safely.

DO NOT RE-USE CONTAINER for any purpose.

DIRECTIONS FOR USE

SOAR contains chlorothalonil, a non-systemic broad spectrum fungicide for use on winter and spring wheat and winter and spring barley. When sprayed onto foliage it provides long lasting protection. Best results from this protectant property are obtained by treatment before disease enters the crop or at the first sign of attack.

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.

CROP SPECIFIC INFORMATION

WHEAT (WINTER AND SPRING)

SOAR is used for protection against Leaf Spot (*Septoria tritici*) and Glume Blotch (*Leptosphaeria (syn. Septoria) nodorum*).

Apply at a rate of 2.0 litres in 200 litres of water per hectare as a MEDIUM spray (as defined by BCPC) at a pressure of at least 2.0 bar.

Timing

SOAR can be applied once between GS30 and GS32 (2nd node detectable stage) up to a maximum individual dose of 2.0 l/ha if *Septoria* is evident and/or conditions are favorable to the spread of the disease. This may give protection against the spread of *Septoria*.

SOAR applied between third node detectable stage (GS33) and the mid-flowering stage (GS65) will provide protection against *Septoria* on the flag leaf and ear. For best results apply up to 2.0 l/ha between the third node detectable stage (GS33) and the flag leaf fully emerged stage (GS39).

NOTE

SOAR may have reduced effectiveness against *Septoria* if the crop also has a serious mildew infection. In this case a product active against mildew should be applied before or with **SOAR** (see compatibility section).

BARLEY (WINTER AND SPRING)

SOAR can be used in barley to give moderate control of *Rhynchosporium secalis*. Barley spotting control is also achieved when used as part of a programme with other fungicides.

It is particularly important to achieve a good spray coverage of all foliage.

Apply at a rate of 2.0 litres in 200 litres of water per hectare as a MEDIUM spray (as defined by BCPC) at a pressure of at least 2.0 bar.

Timing

Apply when disease is first detected in the crop. A second application may be made before beginning of heading (GS51) if severe *Rhynchosporium* pressure occurs or if there is a risk of leaf spotting.

MIXING

Invert and shake the container well before opening. Put half the required volume of water into the spray tank and commence agitation. Pour in the required amount of **SOAR** followed by the remainder of the water. Continue agitation whilst filling and during spraying. Do not leave sprayer standing with mixture in it. Always ensure that the sprayer is in good working order and calibrated accurately to the manufacturer's recommendations. Thoroughly wash all spraying equipment immediately before and after use.

STORAGE

Keep dry and frost proof in a suitable pesticide store.

TANK MIXES

SOAR may be applied in the 2 or 3 way mixtures listed below. Only apply the mixtures at timings within the label recommendations of each mixture product.

No tests have been undertaken on crop safety or product performance so therefore use is at the users' risk. Agform will support the physical compatibility of **SOAR** with any of the fungicides, herbicides, insecticides or PGR's listed. For further information on compatibilities contact your local Agform representative.

Fungicides

Acanto Prima	Adexar	Amistar	Apache
Bontima	Brutus	Caramba	Cebara
Cherokee	Comet	Concorde	Corbel ²
Elatus Era	Ennobe	Epic	Fandango
Flamenco	Flexity	Folicur	Fortress
Galileo	Helix	Justice	Kayak
Keystone	Menara	Micaraz	Opera
Opus	Priori Xtra	Proline	Propov
Prosaro	Seguris	Sportak 45EW	Swift
Talius	Torch	Tracker	Vareon
Velogy Plus	Vivid	Zulu	

Herbicides

Ally Max SX ³	Axial + Adigor	Boxer	Broadway Star + Activator 90 ⁴
CMPP-P	Eagle	Foundation	Oxytril CM
Spitfire ⁴	Starane 2	Starane XL	Topik + oil
Traxos + Adigor	Traxos Pro		

Insecticides

Cypermethrin	Decis	Dimethoate	Hallmark with Zeon Technology ¹
Sumi-Alpha			

Plant Growth Regulators

Adjust	Cerone	Cleancrop Alatrín Evo	Meteor
Moddus	Moddus + Chlormequat	Terpal	

Note:

Before using any tank mixture, consult and comply with the recommendations of the partner product. Each product should be added to the bulk of the water in the spray tank separately and thoroughly mixed before adding the next chemical. Always use constant agitation of the sprayer during mixing, transportation and application. Spray immediately.

¹ When mixing HALLMARK with ZEON TECHNOLOGY add to the spray tank last.

² When mixing Corbel with **SOAR** always add **SOAR** to the sprayer tank first.

³ Ally Max SX = can read across to all DuPont SUs.

⁴ Dow supported mixes.

Always read the label. Use pesticides safely.

CONDITIONS OF SUPPLY

All goods supplied by us are of high grade and we believe them to be suitable but, 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.