

VEGAS®
MAPP 15238

An emulsion in water formulation containing 50g/l cyflufenamid for the control of powdery mildew on a range of cereal crops



1 Litre e

Batch No. and manufacturing date: See container

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

SAFETY PRECAUTIONS

Operator protection

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

WEAR SUITABLE PROTECTIVE GLOVES when handling the concentrate.

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.

Environmental protection

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

Storage and disposal

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

DO NOT RE-USE EMPTY CONTAINER for any purpose.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP OUT OF THE REACH OF CHILDREN.

DIRECTIONS FOR USE: Refer to leaflet attached to this bottle.

READ CAREFULLY BEFORE OPENING THE BOTTLE.

PROTECT FROM FROST

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crops:	Barley, Durum wheat, Oats, Rye (winter), Triticale, Wheat
Maximum individual dose:	0.5 l product per hectare
Maximum number of applications:	2 per crop
Latest time of application:	Before the start of flowering (GS60)

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.

VEGAS

An emulsion in water formulation containing 50 g/l cyflufenamid



WARNING

TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

Avoid release to the environment.

Wear protective gloves.

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.

Contains 1,2-Benzisothiazolin-3-one. May produce an allergic reaction.

This label is compliant with the CPA Voluntary Initiative Guidance



Marketed by:



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

– phone

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DIRECTIONS FOR USE - READ CAREFULLY BEFORE OPENING THE BOTTLE

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 use and successful use of this product.

Vegas is a protectant fungicide with useful curative activity against Powdery mildew on a range of cereal crops.

Crop safety and timing

Vegas can be used on all varieties of wheat, barley, oats, rye (winter), durum wheat, triticale from the beginning of stem elongation and before the start of flowering (GS60).

Mixing

Half fill the spray tank with clean water. Commence agitation. Add the recommended quantity of Vegas to the spray tank. Complete filling and maintain agitation of the solution before and during spraying until the tank is empty.

Rate, water volume and application

Rate: 0.5 l Vegas per hectare per application.

Maximum number of applications

A maximum of two applications of Vegas may be applied to any one crop.

Water Volume: A water volume of 200-400 litres per hectare is recommended. It is important to ensure that good overall coverage of the plant is achieved. Where the crop is dense, the higher water volume should be used. Where the crop is very open, the lower water volume may be used.

Spray quality: FINE or MEDIUM (as defined by the BCPC) using a conventional hydraulic sprayer.

Time of application

For best results Vegas should be applied at the first visible signs of infection by Powdery mildew. For disease control other than Powdery mildew, Vegas should be tank mixed with a broad-spectrum fungicide (see Compatibility section for approved tank mix partners). Where disease pressure remains high or re-infection occurs, a further application of Vegas can be made to the crop.

Vegas should be applied in the spring only.

Latest time of application

Before the start of flowering (GS60).

Compatibility

Vegas can be tank mixed with a number of fungicide products to broaden the disease spectrum. The other product labels should be checked thoroughly prior to use to ensure that the crops, timing and any other restrictions on them are appropriate for use with Vegas. Tank mixes should not be allowed to stand in the tank and agitation must be maintained at all times.

Vegas is compatible in two-way tank mixes with any one of the following products:

- approved formulations of prochloraz (Mirage 40EC)
- approved formulations of cyproconazole
- approved formulations of azoxystrobin (Amistar)
- approved formulations of fenpropimorph (Corbel)
- approved formulations of tebuconazole (Folicur)
- approved formulations of epoxiconazole (Opus)

The crop safety of the listed tank-mixes has only been established on winter wheat and winter barley. On winter wheat some transient chlorosis/necrosis has been recorded which has not affected final yield.

Resistance management

The mode of action of cyflufenamid is different to that of fungicides from other groups. There are no known cases of cross resistance to cyflufenamid in pathogens that have developed reduced sensitivity to other fungicides.

Disease control may be reduced if strains of pathogens less sensitive to cyflufenamid develop. Guidelines issued by FRAC may help to reduce the onset of resistant strains:

- Apply Vegas at the start of foliar disease attack.
- Vegas must be used as part of an Integrated Crop Management programme that includes use in alternation or tank mixture with fungicides with different modes of

action effective against powdery mildew AS WELL AS non-chemical methods of disease management.

- Do not apply consecutive applications of products containing cyflufenamid.
- Apply according to manufacturers recommendations at the specific crop growth stage indicated.
- Apply a maximum of 2 sprays per cereal crop.

Rainfastness

Vegas is rainfast within one hour.

Restrictions

Do not apply Vegas to crops under stress from drought, waterlogging, cold, pests or diseases, nutrient or lime deficiency or other factors reducing plant growth.

Succeeding and replacement crops

There are no restrictions on the planting of any succeeding or rotational crop following the application of Vegas.

Spray tank clean-out

Immediately after spraying Vegas, drain tank completely. Any contamination on the outside of the spraying equipment should be removed by washing with water and a commercially available cleaning agent (e.g. All Clear Extra). Rinse inside of tank with clean water and cleaning agent and flush through boom and hoses using at least one tenth of the spray tank volume. Drain completely. Repeat rinsing as above. Do not contaminate surface waters or ditches with rinse water or empty containers.

Warning

Avoid spray drift onto ponds, waterways and ditches.

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Mirage is a registered trademark of Adama Agricultural Solutions UK Ltd.

Folicur is a registered trademark of Bayer Crop Science Ltd.

Amistar is a registered trademark of Syngenta Crop Protection UK Ltd.

Opus and Corbel are registered trademarks of BASF plc.