



Maxim[®] 480 FS



syngenta[®]

Product registration number: MAPP 16725

A flowable concentrate for seed treatment containing 480 g/litre fludioxonil.



MAXIM 480FS is a seed treatment for the control of *Leptosphaeria maculans* in cabbage, *Alternaria* spp. in carrot, *Botrytis allii* in bulb onion and moderate control of *Colletotrichum dematium* in spinach.

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



This product label is compliant with the CPA Voluntary Initiative (VI) guidance.

Syngenta UK Limited
CPC4, Capital Park, Fulbourn, Cambridge, CB21 5XE
Tel: Cambridge (01223) 883400

**In case of toxic or transport emergency
ring +44 (0)1484 538444 any time**

PROTECT FROM FROST. SHAKE WELL BEFORE USE

1 Litre

Product names marked ® or ™, the ALLIANCE FRAME
the SYNGENTA Logo and the PURPOSE ICON
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TM

MAXIM 480 FS

A flowable concentrate for seed treatment containing 480 g/litre fludioxonil.

Warning

Very toxic to aquatic life with long lasting effects.

Keep out of reach of children.

Do not eat, drink or smoke when using this product.

Avoid release to the environment.

Collect spillage.

Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty triple rinsed 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-benzisothiazol-3-one. May produce an allergic reaction.



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IMPORTANT INFORMATION

FOR USE ONLY AS A SEED TREATMENT

For use on:

Crop	Maximum individual dose (Product)	Maximum Number of Treatments	Latest Time of Application
Cabbage (seed), Carrot (seed), Bulb onion (seed), Spinach (seed)	100 ml/100 kg seeds	One per batch	Pre-drilling

Other specific restrictions:

- Must only be applied to spinach seed that will be precision drilled.

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

(a) Operator protection

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

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate, or contaminated surfaces or treated seed.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) when bagging treated seed.

However engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

KEEP OUT OF REACH OF CHILDREN

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

WHEN USING, DO NOT EAT, DRINK OR SMOKE

(b) Environmental Protection

TO PROTECT BIRDS TREATED SEED SHOULD NOT BE LEFT ON THE SOIL SURFACE. BURY OR REMOVE SPILLAGES.

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

(c) Storage and disposal

EMPTY CONTAINER COMPLETELY and dispose of safely.

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 sprayer at time of filling and dispose of safely.

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 carefully read in order to obtain safe and successful use of this product.

Resistance Management

For advice on resistance management refer to the latest Fungicide Resistance Action Group (FRAG) guidelines.

Since the occurrence of resistance cannot be forecast, neither Syngenta UK Limited nor its distributors can accept responsibility for any loss or damage to crops caused by the failure of MAXIM 480FS to control resistant strains.

DISEASES CONTROLLED

MAXIM 480FS is a fungicidal seed treatment for the control of *Leptosphaeria maculans* in cabbage, *Alternaria* spp. in carrot, *Botrytis allii* in bulb onion and moderate control of *Colletotrichum dematium* in spinach.

CROP SPECIFIC INFORMATION

Crops

For use on all varieties of cabbage, carrot, bulb onion and spinach.

Timing

Before drilling

Rates of Use

Apply MAXIM 480FS at 100 ml per 100 kg seed.

MIXING AND APPLICATION

MAXIM 480FS should be applied through continuous flow or batch seed treaters. Adequate seed coverage should be obtained if MAXIM 480FS is added during the mixing of the seeds. Calibration of the dose rates needs to be done before use. The method depends on the equipment used. Consult the manual for the machine or seek further advice from Syngenta. The treatment equipment used should be a closed system in order to minimise the risk of contact with the product. Safety precautions should be followed throughout.

MAXIM 480FS is usually applied during the process of pelleting vegetable seeds. Pelletting requires specialist equipment. If necessary Syngenta UK Limited can be consulted for advice on application during the pelleting process.

Mixing Procedure

1. Calculate the quantity of seeds to be treated.
2. Calculate the dose rate of product to be applied
3. Prepare the mixture. It is possible to use a mixture of 50% water to 50% product but this also depends on the application machinery being used. The mixture quantity to be applied needs to be sufficient in order to have a good loading of the seeds.
4. Ensure that there is good agitation to keep the product evenly suspended.
5. Ensure that the application equipment is properly calibrated for the seed to be treated.
6. Apply the product. Do not leave the mixed slurry for any period without agitation.

Calibrate the application equipment before use. For further advice please contact Syngenta UK Ltd.

Seed Quality

Do not use MAXIM 480FS on sprouted, cracked or damaged seed. Use only good quality seed tested for viability using a suitable germination test before treatment.

Storage of Treated Seed

Seed should be stored in a cool, dry, ventilated building.

Treated seed may be stored up to 6 months following application of MAXIM 480FS providing the advice above regarding storage conditions is adhered to.

Seedbed Preparation and Drilling

Drilling equipment should be calibrated with seed treated with MAXIM 480FS before use. Check drill calibration before drilling for each batch of seed to ensure an accurate drilling rate.

MAXIM 480FS is not known to have any adverse effect on seed germination or crop emergence but poor seed quality or seedbed conditions (waterlogged, capped, dry, fluffy or cloddy seedbeds) may result in delayed emergence and/or poor establishment.

Seed Spillages

In case of seed spillage, clean up as much as possible into the related seed sack and re-use the clean seed. Bury the remainder completely.

After Use

Dispose of product concentrate, empty containers and contaminated seed bags according to the "Code of Practice for the Safe Use Of Pesticides on Farms and Holdings" available from HMSO. Do not re-use containers for any purpose.

Safe Handling of Product and Treated Seed

Avoid skin contact with product, treated seed and dust, throughout all operations in the treatment plant. Launder coveralls daily.

SEED BAG LABEL TEXT

This seed has been treated with MAXIM 480FS

MAXIM 480FS contains fludioxonil and is a fungicidal seed treatment for the control of *Leptosphaeria maculans*. in cabbage, *Alternaria* spp. in carrot, *Botrytis allii* in bulb onion and moderate control of *Colletotrichum dematium* in spinach.

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SAFETY PRECAUTIONS

WEAR SUITABLE PROTECTIVE GLOVES when handling treated seed.

BURY OR REMOVE SPILLAGES.

TO PROTECT BIRDS/WILD MAMMALS, treated seed should not be left on the soil surface. Bury or remove spillages.

DO NOT HANDLE seed unnecessarily.

DO NOT USE TREATED SEED as food or feed.

KEEP TREATED SEED SECURE from people, domestic stock/pets and wildlife at all times during storage and use.

DO NOT RE-USE SACKS OR CONTAINERS THAT HAVE BEEN USED FOR TREATED SEED for food or feed.

WASH HANDS AND EXPOSED SKIN before meals and after work.

DO NOT APPLY TREATED SEED FROM THE AIR.

NOTES

1 Safe Handling of treated seed

Avoid skin contact with treated seed and dust during all drilling operations. Launder coveralls daily.

2 Drilling

Spinach seed treated with MAXIM 480FS must be precision drilled.

Check drill calibration before drilling for each batch of seed to ensure an accurate drilling rate. Avoid adverse seedbed conditions and deep or shallow drilling which may adversely affect crop establishment and reduce the level of pest control.

3 Storage

Seed should be stored in a cool, dry, well ventilated building and be drilled as soon as possible after treatment. Drill within the season of treatment.

4 Seed Spillages

In case of seed spillage, clean up as much as possible into the related seed sack and re-use the clean seed. Bury the remainder completely.

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