

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Maxim[®] 100 FS

FUNGICIDE SEED TREATMENT

Active Constituent: 100 g/L FLUDIOXONIL

For the control of damping off caused by *Fusarium* (*Fusarium* spp) and *Penicillium* (*Penicillium* spp) in Maize and Sweet Corn, and seed borne *Rhizoctonia* (Black Scurf) and *Silver Scurf* (*Helminthosporium solani*) in Potatoes.

GROUP **L** FUNGICIDE

APVMA Approval No: 51407/5/0504 Pack size: 5 L

GENERAL INSTRUCTIONS

Fungicide Resistance Warning

MAXIM 100 FS is a member of the phenylpyrrole group of fungicides. For fungicide resistance management MAXIM 100 FS is a Group L fungicide. Some naturally occurring individual fungi resistant to MAXIM 100 FS and other Group L fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungi population if these fungicides are used repeatedly. These resistant fungi will not be controlled by MAXIM 100 FS and other Group L fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use, Syngenta Crop Protection Pty Limited accepts no liability for any losses that may result from the failure of MAXIM 100 FS to control resistant fungi.

Application to maize and sweet corn seed

Treatment in small lots by the farmer

May be applied by shaking with seed in a tin, enclosed drum or plastic bag.

1. Premix MAXIM 100 FS with water to a total volume of not less than 5 mL nor more than 10 mL per kg of seed when MAXIM 100 FS is applied alone. If additional seed treatments are applied in combination with MAXIM 100 FS a higher total application volume may be required to ensure even coverage of seed.
2. Apply solution to seed and vigorously mix for 1 to 2 minutes.

Treatment of large seed lots by commercial seed-treatment equipment

For large-scale seed treatment the product should be applied diluted with water in specialised seed-treatment equipment. As for all such seed treatments, a good flow and metering system for the initial prepared solution is important. Depending on the type of seed treatment equipment, it may be necessary to increase the recommended amount of water slightly in order to ensure an optimal flow of the solution and an even treatment of seed.

Prepare the solution as follows:

1. Fill the solution tank with the required volume of water and mix with the appropriate volume of MAXIM 100 FS. Total volumes of not less than 500 mL nor more than 1 L water/100 kg of seed are recommended when MAXIM 100 FS is applied alone. If additional seed treatments are applied in combination with MAXIM 100 FS a higher total application volume may be required to ensure even coverage of seed.
2. Switch on the stirring system and stir.
The prepared solution must be used within 1 week.

Application to seed potatoes

MAXIM 100 FS can be applied prior to the planting operation as a traditional seed treatment or during planting as an at planting seed piece spray. Complete coverage of planting material is essential for best results.

Over the table application: Apply 250 mL of MAXIM 100 FS for each tonne of seed to be treated. MAXIM 100 FS may be applied undiluted or diluted with water to a total volume of up to 3 L/tonne of seed treated. Use only sufficient water to

give complete coverage. A purpose designed low volume atomising applicator will normally be necessary to achieve this when the throughput of seed is less than 6 tonnes/hour. The applicator should be mounted at the point of maximum seed rotation. Ensure seed is promptly and thoroughly dried after application, before planting. If necessary, dust seed with firbark after applying MAXIM 100 FS to aid drying.

On planter application: Mix the required quantity of MAXIM 100 FS with enough water to make up a total volume of not more than 10 L/tonne of seed. Ensure constant agitation of the spray tank while applying. Apply to the seed during the planting operation.

PRECAUTIONS

DO NOT use treated seed or seed potatoes for animal or human consumption.

DO NOT allow treated seed or seed potatoes to contaminate other seed or potatoes intended for animal or human consumption.

When treated seed or seed potatoes are stored they should be kept apart from other seed or potatoes and the bags or other containers should be clearly marked to indicate the contents have been treated with this product. Bags and containers which have held treated seed or seed potatoes are not to be used for any other purpose.

DO NOT feed treated seed, or otherwise expose, to wild or domestic birds. Any spillage of treated seed which occurs either during the seed treatment process or in the field operations must be cleaned up immediately, preferably by recovery and re-use.

PROTECTION OF LIVESTOCK

DO NOT feed treated seed or seed potatoes to animals.

DO NOT allow seed or seed potatoes treated with this product to contaminate feed intended for animal consumption.

DO NOT allow any feed material that has come in contact with this product to be fed to animals.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish and other aquatic organisms. DO NOT contaminate streams, rivers or waterways with the product or used containers.

STORAGE AND DISPOSAL

Keep out of reach of children. Store in the closed original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to seed treatment tank. DO NOT dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt. Rinse application equipment with water after use. Spray or pour rinsings over land away from desirable vegetation, waterways and drainage, if appropriate.

Maxim[®] 100 FS

SAFETY DIRECTIONS

Will irritate the eyes. Avoid contact with eyes. When opening the container, preparing solution and using the prepared spray wear:

- elbow-length PVC gloves and
- face shield or goggles.

When handling treated potatoes wear PVC gloves.

Wash hands after use. After each day's use, wash gloves, and face shield or goggles.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre. Phone 131 126.

MATERIAL SAFETY DATA SHEET

If additional hazard information is required refer to the Material Safety Data Sheet. For a copy phone 1800 067 108 or visit our website at www.syngenta.com.au

MANUFACTURER'S WARRANTY AND EXCLUSION OF LIABILITY

Syngenta has no control over storage, handling and manner of use of this product. Where this material is not stored, handled or used correctly and in accordance with directions, no express or implied representations or warranties concerning this product (other than non-excludable statutory warranties) will apply. Syngenta accepts no liability for any loss or damage arising from incorrect storage, handling or use.

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DIRECTIONS FOR USE

Crop	Disease Controlled	Rate	Critical Comments
Maize, Sweet corn	Damping off caused by Fusarium (<i>Fusarium</i> spp), Penicillium (<i>Penicillium</i> spp)	50 mL/100 kg seed	Apply to seed prior to planting using commercial seed treatment equipment. Ensure even distribution over the seed.
Potatoes	Black Scurf (<i>Rhizoctonia solani</i>), Silver Scurf (<i>Helminthosporium solani</i>)	250 mL/tonne seed	Apply MAXIM 100 FS to the seed potato at or prior to planting. Ensure even distribution over the seed. DO NOT apply MAXIM 100 FS to seed if conditions or seed quality favour bacterial rots as these diseases may be aggravated if seed comes into contact with any additional moisture. DO NOT apply MAXIM 100 FS to seed at planting in hot, sandy soils as bacterial rots may be aggravated. DO NOT apply MAXIM 100 FS to seed prior to cool storage. Seed being removed from cool storage should be properly warmed prior to MAXIM 100 FS being applied.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION

WITHHOLDING PERIODS

Maize, sweet corn: Grazing: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 4 WEEKS AFTER APPLICATION

Harvest: NOT REQUIRED WHEN USED AS DIRECTED

Potatoes: NOT REQUIRED WHEN USED AS DIRECTED