



For use only as an agricultural insecticide as a seed treatment for use on maize (grain maize, fodder maize and sweetcorn), to reduce the probability of feeding damage to sown maize by pheasants, pigeons and corvids (rooks and crows). The seed treatment also controls frit fly (*Oscinella frit*).

MAPP 15311

Mesurol is a flowable concentrate for seed treatment containing 500g of methiocarb per litre. Methiocarb is an anticholinesterase carbamate. Handle with care.

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

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For 24 hour emergency information contact
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SAFETY PRECAUTIONS

Operator Protection
Methiocarb is an anticholinesterase carbamate compound. DO NOT USE if under medical advice NOT to work with such compounds.
Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:
OPERATORS MUST WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate, contaminated surfaces and treated seed.
OPERATORS MUST WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE PROTECTIVE GLOVES AND SUITABLE RESPIRATORY PROTECTIVE EQUIPMENT (disposable filtering facepiece respirator to at least EN149 FFP2, or equivalent) when cleaning seed treatment equipment.
OPERATORS MUST WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), when bagging treated seed. However, engineering controls may replace personal protective equipment is a COSHH assessment shows they provide an equal or higher level of protection.
When using do not eat, drink or smoke
Avoid all contact with skin
If you feel unwell seek medical advice immediately (show the label where possible).

Environmental Protection
Do not contaminate surface waters or ditches with chemical or used container.
DO NOT APPLY TREATED SEED FROM THE AIR.
DANGEROUS TO GAME, WILD BIRDS AND ANIMALS. Keep away from animals. To protect birds and wild mammals, treated seed should not be left on the soil surface. Bury or remove any spillages.
The seed coating shall only be performed in professional seed treatment facilities. Those facilities must apply the best available techniques in order to ensure that the release of dust during application to the seed, storage and transport can be minimised.
Treated seed must be sown using precision seed drilling equipment that ensures a high level of incorporation in soil, minimisation of spillage and minimisation of dust emission.
Storage and Disposal
Use appropriate containment to avoid environmental contamination.
Keep in original container, tightly closed, in a safe place under lock and key.
Keep away from food, drink and animal feedingstuffs.
Keep away from children.
DO NOT RE-USE TREATED SEED as food or feed.
DO NOT RE-USE SACKS THAT HAVE BEEN USED FOR TREATED SEED for food or feed.
Do not rinse out the container.
This material and its container must be disposed of as hazardous waste.



SEED LABEL*
PRECAUTIONS for treated seed
WORKERS MUST WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling treated seed and contaminated seed sowing equipment.
DO NOT HANDLE seed unnecessarily.
DO NOT USE TREATED SEED as food or feed.
DO NOT RE-USE SACKS OR CONTAINERS THAT HAVE BEEN USED FOR TREATED SEED for food or feed.
KEEP TREATED SEED SECURE from people, domestic stock/pets and wildlife at all times during storage and use.
WASH HANDS AND EXPOSED SKIN before meals and after work.
Bury or remove spillages.
HARMFUL TO GAME AND WILDLIFE.
To protect birds and wild mammals, treated seed should not be left on the soil surface. Bury or remove any spillages.
DO NOT APPLY TREATED SEED FROM THE AIR.
Treated seed must not be broadcast.
Treated seed must be sown using precision seed drilling equipment that ensures a high level of incorporation in soil, minimisation of spillage and minimisation of dust emission.
Seed should be drilled to a depth of **5 cm (2")** or greater into a well prepared and firm seedbed. If seed is present on the soil surface, or spills have occurred, then, if conditions are appropriate, the field should be harrowed then rolled to ensure good incorporation.

FULL TEXT OF SEED TAG LABEL IS AVAILABLE FROM BAYER CROPSCIENCE LIMITED

Safety information

Mesurol

Contains 500 g/L (50% w/w) methiocarb



Danger

Toxic if swallowed.

Very toxic to aquatic life with long lasting effects.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Dispose of contents/container to returnable container supplier.

Contains 5-Chloro-2-methyl-isothiazol-3-one/2-Methyl-isothiazol-3-one.

May produce an allergic reaction.

To avoid risks to human health and the environment, comply with the instructions for use.

IMPORTANT INFORMATION	
FOR USE ONLY AS AN AGRICULTURAL SEED TREATMENT	
Crops:	Maize (grain maize, fodder maize and sweetcorn)
Maximum individual dose:	125 ml of product (62.5 g a.i.) per seed unit (50000 seeds)
Maximum number of treatments:	One per batch
Latest time of application:	Before planting
Other specific restrictions:	A maximum drilling rate of 2.4 units (120,000 seeds/Ha) must be observed when using seed treated with Mesurol.
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.	

PROTECT FROM FROST

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.

PESTS CONTROLLED

Bird damage
Use of the product will reduce the probability of feeding damage to sown maize by pheasants, pigeons and corvids (rooks and crows). However, feeding by birds and also wild mammals on treated seed may still potentially occur and in order to protect wildlife care must be taken to avoid the presence of any treated maize seed on the soil surface where it may be readily consumed (see 'Environmental protection' section for more details).

Frit Fly
Mesurol reduces the damage caused by infestations of frit fly

CROPS
Maize (grain maize, fodder maize and sweetcorn)

RATE OF USE
RATE OF USE: 125 ML [62.5 G of A.I.] OF MESUROL PER SEED UNIT (50000 SEEDS)

Thoroughly mix until the seed is evenly coated. Before filling the treated seed into bags ensure that the seed dressing is completely dry.


APPLICATION
MESUROL must only be used in conjunction with Bayer approved seed treatment application equipment by following the procedures given in the operating instructions. ALWAYS follow the operating instructions.

MESUROL should be evenly applied using a Bayer recommended seed treatment machine, which has been accurately calibrated to obtain the correct dose rate.

For further details please contact the local Sales Engineer or Business Centre of Bayer CropScience Ltd. After use the product application equipment should be thoroughly cleaned using clean water.

Storage of treated seed:
Seed treated with Mesurol should be drilled in the season of treatment.
No liability can be accepted for the performance of stored treated seed.

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To access the **Safety Data Sheet** for this product scan the code or use the link below:

www.bayercropscience.co.uk/mesurolsds

or alternatively contact your supplier

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