

## SEED TREATMENT

### COMPATIBILITY

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No compatibilities available for this product.

### DIRECTIONS FOR USE

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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.

#### DISEASES CONTROLLED

WAKIL XL is a water dispersible granule formulation containing 50 g/kg fludioxonil, 175 g/kg metalaxyl-M and 100 g/kg cymoxanil.

WAKIL XL protects against seed borne *Ascochyta*, downy mildew and *Pythium* (damping-off) in peas.

#### CROP SPECIFIC INFORMATION

##### Crops

May be used as a seed treatment on all varieties of vining and combining peas.

##### Timing

Before drilling.

##### Rates of Use

2.0 kg product per tonne of seed.

#### MIXING AND SPRAYING

WAKIL XL should be applied through continuous flow seed treaters. Adequate seed coverage is obtained if WAKIL XL is added at the start of the conveyor or mixing process.

WAKIL XL should be made into a slurry by pouring gradually into water and mixing at the rate of 2 kg product in water to reach a final volume of 5 litres of slurry. It should be applied to seed using a volume of 5 litres of slurry per tonne of seed.

Continuous flow seed treaters should be calibrated using WAKIL XL before use. Seed must only be treated by means which incorporate engineering controls for workers' protection together with means of accurately dispensing the dose.

#### MIXING PROCEDURE

1. Measure the required quantity of water into the mixing tank (0.96 litres water per 1 kg WAKIL XL).
2. Slowly add the required amount of WAKIL XL to the tank without agitation.
3. Leave for 10 minutes.
4. Add further water as required to make 5 litres slurry per tonne of seed treated (based on amount WAKIL XL used).
5. Agitate the mixture to form a homogenous slurry.
6. Continue agitation during use, but stop agitation if a vortex develops as volume remaining reduces.

Do not leave slurry for long periods without agitation or overnight.

SEED TREATMENT

**STORAGE AFTER TREATMENT**

Ensure seed is of a satisfactory moisture content before storage. Keep in a dry place, correctly labelled.

Treated seed should be drilled within 12 months of being treated.

**DRILLING**

WAKIL XL may affect the rate of flow of seed through drills. Drills should be calibrated with WAKIL XL treated seed before beginning to drill.

**COMPANY ADVISORY INFORMATION**

**Resistance**

Strains of downy mildew resistant to phenylamide fungicides (e.g. metalaxyl-M, oxadixyl) are known to occur in some regions of the United Kingdom where peas have been grown intensively. Where these strains occur or develop, the metalaxyl-M component of WAKIL XL may not give satisfactory control. However, control of downy mildew should be unaffected due to the cymoxanil component in WAKIL XL.

Contact your processor fieldsman or Syngenta Crop Protection UK Limited if you believe you have a problem.

The following measures are advised to reduce the risk of serious plant loss due to downy mildew attack:

- Use a variety with good resistance to downy mildew.
- A minimum of at least 5 years between pea (or bean) crops is advised in fields known to be infested with downy mildew.
- Avoid drilling peas very early in the season, when soil temperatures are lower and the potential damage from downy mildew attack is greatest.
- Avoid deep drilling.

**SEED BAG LABEL**

**This seed has been treated with WAKIL XL (MAPP 10562)**

Contains fludioxonil, metalaxyl-M and cymoxanil and protects against seed borne *Ascochyta*, downy mildew and *Pythium* damping off in peas.

Contains cymoxanil: May produce an allergic reaction.

**SAFETY PRECAUTIONS**

**Precautions marked \* are a legal requirement**

\* WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) when handling treated seed.

HARMFUL TO GAME AND WILDLIFE. Bury or remove spillages.

THIS SEED HAS BEEN CHEMICALLY TREATED

DO NOT HANDLE seed unnecessarily

\* DO NOT USE TREATED SEED as food or feed

\* DO NOT RE-USE SACKS THAT HAVE CONTAINED 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

## S E E D T R E A T M E N T

\* DO NOT APPLY TREATED SEED FROM THE AIR

**CAUTION**

WAKIL XL may reduce the flow rate of seed in a seed drill. Recalibrate drill with WAKIL XL treated seed before drilling

**IMPORTANT**

When drilling wrinkled vining or marrow fat peas, bridging can occur in the drill hopper, particularly in mechanical drill systems. This can lead to intermittent seed flow and reduced plant establishment. Simba freeflow drills and other manufacturers make in-hopper adaption kits to assist your drilling. Please contact your drill manufacturer for further details.

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Tel: Cambridge (01223) 883400

PROTECT FROM FROST

STORE IN A COOL DRY PLACE

## SAFETY PRECAUTIONS

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Precautions marked \* are a legal requirement.

### (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), SUITABLE PROTECTIVE GLOVES AND SUITABLE RESPIRATORY PROTECTIVE EQUIPMENT (DISPOSABLE FILTERING FACEPIECE RESPIRATOR TO AT LEAST EN 149 OR FFP2 OR EQUIVALENT) when handling or mixing the product.
- \* WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling, calibrating or cleaning seed treatment equipment.
- \* WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) when handling treated seed.
- \* However engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.  
WASH ALL PROTECTIVE CLOTHING thoroughly after use, especially the insides of gloves.  
WASH HANDS AND EXPOSED SKIN before meals and after work.

### (b) Environmental protection

- DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.
- \* TREATED SEED IS HARMFUL TO GAME AND WILDLIFE. Bury or remove spillages.
- \* DO NOT APPLY TREATED SEED FROM THE AIR.
- \* TREATED SEED MUST NOT BE USED as food or feed.

### (c) Storage and disposal

- EMPTY CONTAINER COMPLETELY and dispose of safely.
- KEEP IN ORIGINAL CONTAINER tightly closed in a safe place.
- \* DO NOT RE-USE SACKS OR CONTAINERS THAT HAVE CONTAINED TREATED SEED for food or feed.
- \* LABEL TREATED SEED with the appropriate precautions using printed sacks, labels or bag tags supplied

## SEED TREATMENT

**WAKIL XL**

Water dispersible granule formulation containing 50 g/kg fludioxonil, 175 g/kg metalaxyl-M and 100 g/kg cymoxanil

Contains cymoxanil. May produce an allergic reaction

**HARMFUL TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.**

Keep out of reach of children.

When using do not eat, drink or smoke.

Keep away from food, drink and animal feeding stuffs.

This material and its container must be disposed of in a safe way.

Wear suitable protective gloves.

**To avoid risks to man and the environment, comply with the instructions for use.**

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

**IMPORTANT INFORMATION**

FOR USE ONLY AS AN AGRICULTURAL SEED TREATMENT

For use on: Combining and Vining peas

Maximum Individual Dose: 2 kg product/tonne seed

Maximum Number of Treatments: One per batch

Latest Time of application: Pre-drilling

Other specific restrictions:

See Precautions marked \*

**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.**

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**In case of toxic or transport emergency ring 01484 538444 any time.**