

L1062793 ZAMB/05Y PPE 4121528



Celest[®] Top

312.5 FS

syngenta.

Before opening the container, read the safety advice.

KEEP LOCKED UP OUT OF REACH OF CHILDREN

Shelf life:

At least 2 years from date of manufacturing, in original unopened containers stored in a cool dry well ventilated place.

Emergency Call Number:

Swiss Toxicological Information Centre
(24 h) +41 44 251 51 51



5 Litres

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WARNING



PRECAUTIONS:

- Handle with care; avoid splashing / contact; poisonous by swallowing, inhalation and contact with the skin.
- Wear protective clothing i.e. gloves, overalls and rubber boots.
- DO NOT eat, drink or smoke while applying this product.
- Remove protective clothing on completion of use and application of product and wash hands and face thoroughly with soap and water.
- KEEP OUT OF REACH OF CHILDREN.
- KEEP APART FROM FOOD, FOODSTUFFS, seeds and fertilisers.
- Store in original container in a cool, dry place and KEEP UNDER LOCK AND KEY.
- Use only on the crops for which this product is registered.
- After use, wash out equipment thoroughly and dispose of washings in a safe place, e.g. on waste ground.
Do not contaminate water supplies. TOXIC TO FISH.
- Bury empty container. DO NOT use for any other purpose.
- TOXIC TO BEES AND OTHER POLLINATORS. Do not plant treated seeds in case of strong wind.

WARRANTY

Before applying the product read the attached package leaflet. The user bears the risk for damage resulting from factors beyond the manufacturer's control. Resistant strains of fungal diseases may exist against which fungicides may not be effective resulting in crop loss. Since the occurrence of such strains cannot be forecast, neither the manufacturer nor its distributors can accept responsibility for any loss or damage caused by failure of fungicides to control resistant strains. All recommendations for use of the product are based on the current state of the manufacturer's knowledge. Since the manufacturer cannot control the application, use, storage or processing of the product, the manufacturer cannot accept responsibility therefore. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

CROP TOLERANCE

When used as recommended, Celest® Top 312.5 FS is well tolerated by the seed and the seedling. In case of doubt, check crop tolerance first. Due to possible varietal variability in tolerance, it is important to establish a recommendation on local varieties or hybrids under local conditions.

MODE OF ACTION

Thiamethoxam acts by interfering with the nicotinic acetyl choline receptor of the insect's nervous system. In target insects it shows quick stomach and contact action. It displays root systemic activity. Fludioxonil inhibits a protein kinase involved in the osmosensing signal transduction pathway of fungi. Uptake of Fludioxonil into plants is limited. Difenoconazole is taken up by the seed and translocated within the seedling. It stops the development of fungi by interfering with the biosynthesis of sterols in the cell membrane.

SPECTRUM OF ACTIVITY

Celest® Top 312.5 FS is highly active in all major field crops against soil-dwelling and early leaf sucking and feeding insects. The fungicides control soil borne diseases.

In wheat Celest® Top 312.5 FS controls the following pests and diseases:

- Wireworm *Agriotes* spp.
- Aphid *Rhopalosiphum padi*
- Beetle *Zabrus* sp.
- Bunt *Tilletia caries*
- Fusarium..... *Fusarium* spp.

DIRECTIONS FOR USE: (Use only as indicated)

Compatibility:

Celest® Top 312.5 FS is compatible with seed coating polymers and formulations of other seed treatment compounds of neutral reaction. Celest® Top 312.5 FS is not compatible with formulations based on organic solvents.

Mixing instructions:

Equipment

Apply diluted or undiluted through suitable seed treatment equipment.

Mixing

The following procedure should be adopted for preparing the slurry: Pour half of the required water into the mix tank. Agitate the product before use. Add the required quantity of Celest® Top 312.5 FS while stirring continuously. Other compatible products may be added. Maintain agitation of the slurry during the whole time of use. Top up with the remaining volume of water. The slurry has to be used within 24 hours after preparation.

Application:

Equipment

Apply diluted or undiluted through suitable seed treatment equipment. Celest® Top 312.5 FS may reduce the flow of seed in the treatment plant as well as in the seed drill. Recalibrate seed drill with treated seed before use.

Calibration

Calibrate the equipment using the final slurry.

Dosage Rates

Crop	Main Target	Rate	Recommended slurry volume
Wheat	Wireworm Aphid Beetle Bunt Fusarium	200 ml/100 kg	Total slurry is defined as water + product: slurry ranges from 400 ml-1000 ml / 100 kg of seeds.

Crop	Target pathogen	Application rate
PEANUTS	Decay, damping-off and seedling blight <i>Rhizoctonia solani</i> <i>Fusarium</i> spp.	5 – 10 ml / 100kg seed
POTATOES	Black dot (Anthracnose) <i>Colletotrichum coccodes</i> Silver scurf <i>Helminthosporium solani</i> Black scurf <i>Rhizoctonia solani</i>	250 ml / 2 - 3 l water / 1 000 kg tubers
SUNFLOWER	Damping-off and seedling blight <i>Rhizoctonia solani</i> <i>Fusarium</i> spp.	5 – 10 ml / 100kg seed

Clean-up procedure

Clean the equipment with water. The rinse water may be collected and used for the next time.

Ensure that the sprayer is in good conditions and correctly calibrated. Half fill the spray tank with clean water. Measure the required quantity of the product and mix it thoroughly with water in a separate can. Pour the content in the sprayer, mix well and then complete filling of the tank with water. Do not leave the spray solution without agitation.

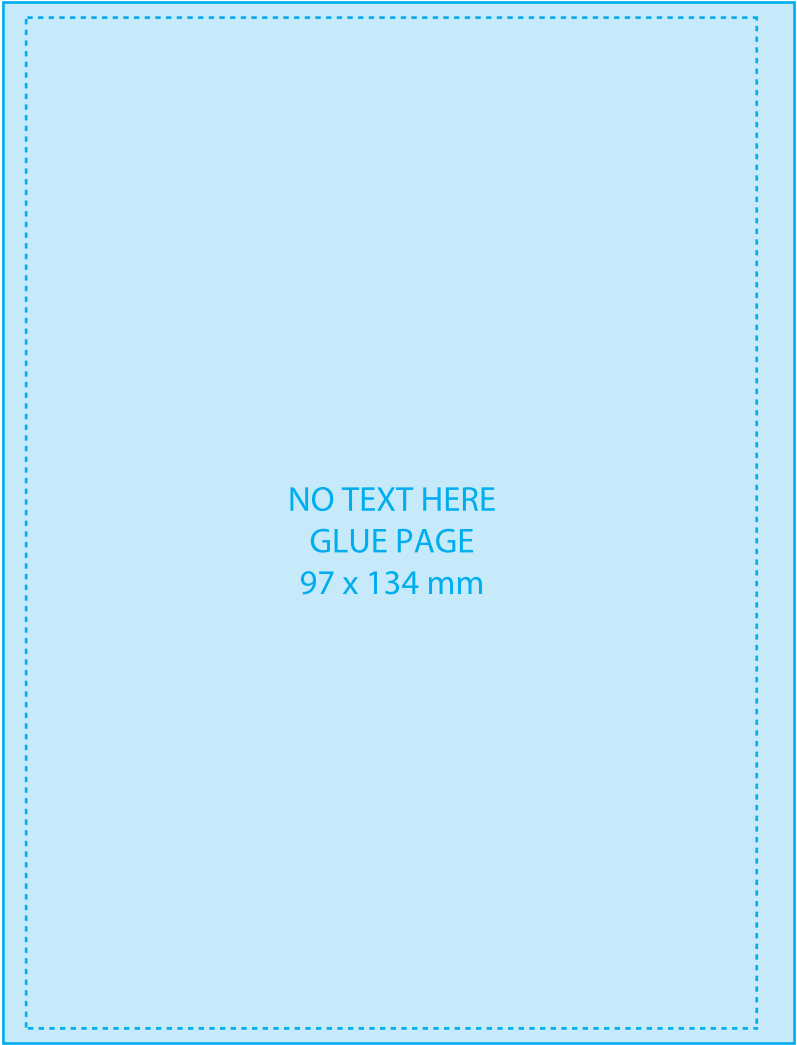
User's Risk

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