

IT IMAZALIL 100SL

Contains 100 g/l (9.26% w/w) imazalil in a soluble concentrate



IRRITANT

A systemic and protectant fungicide for protection against diseases of seed and ware potatoes.

Risk and Safety Information
Irritating to eyes
May cause sensitisation by skin contact
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
Wear suitable protective clothing, gloves and eye/face protection.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Take off immediately all contaminated clothing.
When using, do not eat, drink or smoke.
Avoid contact with skin.
Do not breathe spray.
Keep out of reach of children.
Keep away from food, drink and animal feeding stuffs.
Keep in original container, tightly closed, in a safe place.
This material and its container must be disposed of in a safe way.
To avoid risks to man and the environment, comply with the instructions for use.

PCS 02582

Precautions

Wear suitable protective gloves and eye protection when handling treated tubers and contaminated equipment during planting operations.
Wash hands and exposed skin, before eating, drinking or smoking and after work.
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 and pets and wildlife at all times during storage and use.
Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.
Avoid release to the environment. Refer to special instructions/safety data sheet.
Do not empty into drains.
Do not re-use container for any purpose.
Wash out container thoroughly, empty washings into spray tank, and dispose of safely.

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL FUNGICIDE

Crop	Maximum individual dose of product	Maximum number of applications	Latest time of application
Potato (seed)	100 ml/tonne tubers	Two per batch	Post-harvest but prior to chitting.
Potato (excluding seed)	100 ml/tonne tubers	One per batch	Post-harvest

Other restrictions

1. This product must only be applied by conventional canopied, hydraulic or spinning disc potato spraying equipment mounted over a rolling conveyor.
 2. The use of this product on ware potatoes is subject to discharges of imazalil into receiving waters from plants washing treated potatoes being within emission limits set by the monitoring authority.
- 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 data sheet available for professional user on request.

IT Agro Limited
823 Salisbury House
29 Finsbury Circus
LONDON EC2M 5QQ
Tel. 020 7613 4372

Contents: **5 litres**
PROTECT FROM FROST
SHAKE THOROUGHLY BEFORE OPENING
Batch No: _____ Expiry: _____

10/07

149 mm

147 mm

146 mm

145 mm

4. First aid measures

Inhalation: Seek fresh air. Seek medical advice in case of persistent discomfort.
Ingestion: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
Skin: Immediately remove contaminated clothing. Wash the skin thoroughly with water and continue washing for a long time. Seek medical advice in case of persistent discomfort.
Eyes: Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice.
Other information: When obtaining medical advice, show the safety data sheet or label. Symptoms: See section 11.

5. Fire-fighting measures

The product is not directly flammable. Avoid inhalation of vapour and fine gases – seek fresh air.

6. Accidental release measures

Use the same personal protective equipment as stated in section 8. Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. See section 13 for instructions on disposal. Prevent spillage from entering drains and/or surface water.

7. Handling and storage

Handling: See section 8 for information about precautions for use and personal protective equipment.
Storage: Keep out of reach of children. Do not store together with food, drink and animal feeding stuffs. Keep in tightly closed, original packaging. Store frost-free.

8. Exposure controls/ personal protection

Precautions for use: All work must be carried out under well-ventilated conditions. Wash hands before breaks, before using restroom facilities, and at the end of work. Do not eat, drink or smoke during work.
Respiratory protection: Preparation: Not required.
Application: Wear respiratory protective equipment with filter A2P2.
Gloves and protective clothing: Preparation/application: Wear protective clothing (coveralls) and protective gloves made of nitrile rubber.
Eye protection: Preparation/application: Wear face protection (faceshield).

Occupational exposure limits

Ingredients	Exposure limit	Remarks
Propane-1,2-diol	Total vapour and particulates: 150 (8h), - (15m), particulates: - (8h), - (15m) ppm Total (vapour and particulates): 474 (8h), - (15m), particulates: 10 (8h), - (15m) mg/m3	-
Sulphuric acid	1 mg/m3	-

Control methods: Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

9. Physical and chemical properties

Appearance: Fluid

10. Stability and reactivity

The product is stable when used in accordance with the supplier's directions.

11. Toxicological information

Acute

Inhalation: Inhalation of spray mist may cause irritation to the upper airways.
Ingestion: Ingestion may cause discomfort.
Skin contact: May irritate the skin – may cause reddening.
Eye contact: Irritating to eyes. Causes a burning sensation and tearing.
Risk of sensitization: May cause sensitization by skin contact. Symptoms include reddening, swelling, blistering and ulceration – often slowly developing.
Long-term effects: None known.

12. Ecological information

Avoid discharge to drain or surface water.
Ecotoxicity: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Chemtox A/S, Pakhustorvet 4, 6000 Kolding Tlf.: +45 75508811, Fax: +45 75508810, E-mail: Chemtox@Chemtox.dk

145 mm

146 mm

DIRECTIONS FOR USE

IT Imazalil 100SL is a soluble concentrate for spray application to harvested potatoes to give improved storage properties and reduction of seed-borne diseases affecting tubers intended for planting (seed) or for the reduction of storage diseases affecting tubers intended for consumption (ware) or processing. All seed potatoes, both early and main crops, may be treated.

IT Imazalil 100SL is active against the following diseases when applied shortly after lifting:
Dry rot (*Fusarium spp*) Gangrene (*Phoma exigua var. foveata*)
Silver scurf (*Helminthosporium solani*) Skin spot (*Polyscytatum pustulans*)

The use of IT Imazalil 100SL should always be allied with good management to minimise the disease risks. In addition to varietal choice, proper handling, store hygiene, curing and storage are important factors in keeping tuber borne disease to minimum levels.

POTATOES DESTINED FOR SEED

Ideally treat shortly after harvest and again on removal from store prior to chitting or planting, if unchitted.

After harvest treatment

Apply to clean, dry tubers as soon as practicable after lifting, preferably within 10 days of lifting, prior to storage or at first grading. Apply as a directed FINE spray, whilst tubers are individually spaced on a roller conveyor. Efficacy will be reduced if the tubers are dirty or unduly wet. Protection is unlikely to be afforded against existing disease following earlier physical damage.

On removal from store

Apply to clean, dry tubers, on removal from storage prior to chitting or preplanting of unchitted tubers, as a directed FINE spray, whilst tubers are individually spaced on a roller conveyor. Do not treat tubers when chitted.

Cautions

- The treatment may temporarily delay the sprouting of some eyes.
- Established wound disease may not be controlled or reduced.
- If the pre-chitting treatment is applied as the sole treatment, this will reduce the incidence of silver scurf and skin spot only in the forthcoming crop.
- Although the seed-borne source of disease is reduced by IT Imazalil 100SL, the risk of disease arising in the field from soil-borne spores to affect the growing crop and daughter tubers remains.

POTATOES DESTINED FOR CONSUMPTION

Apply to clean, dry tubers as soon as practicable after lifting, preferably within 10 days of lifting, prior to storage or at first grading. Apply as a directed FINE spray, whilst tubers are individually spaced on a roller conveyor. Efficacy will be reduced if the tubers are dirty or unduly wet. Protection is unlikely to be afforded against existing disease following earlier physical damage.

RATE AND METHOD OF APPLICATION

100 ml product per tonne in 1-2 litres water through conventional hydraulic nozzles or in up to 2 litres water by rotary disc sprayer. The higher volume of water will normally give the best spray cover. Provide regular agitation of the spray mixture.

This product must only be applied by conventional canopied, hydraulic or spinning disc potato spraying equipment mounted over a rolling conveyor.

- Calibrate the equipment before use and at intervals thereafter especially if the tuber size changes; match the throughput of tubers to the flow of the spray, for example, check the volume of spray delivered in 30 seconds against the weight of potatoes passing over the table in 30 seconds.
- Clean the roller table when necessary to maintain efficiency of operation.

SPRAY MIXING

Shake the product container thoroughly before opening. Add the required quantity of IT Imazalil 100SL to the spray tank already half-filled with water and under agitation. Top up the spray tank with water to the required level and keep under agitation before, during and until completion of spraying. Thoroughly clean all equipment after use.

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CCL Label A/S
Telefon 8710 8710
Telefax 8710 8760

OB-nr.: 30708782 Godkendt

Deres nr.: _____ Godkendt med rettelse

Dato: 2007.10.29 Ny korrektur fremsendes

Etiket str.: 175x135 mm

Farver: Sort + P293 + P021

Korrektur nr.: 4 _____ Sign.

PROCESSED CROPS

Processors should be consulted before treating crops destined for processing.

PRECAUTIONS: TREATED SEED POTATOES

Treated seed potatoes must be stored and supplied in suitable containers or bags bearing the following description and precautions, either by printing onto the container or bag or onto suitable labels attached to the bag or container.

This seed has been treated with IT Imazalil 100SL, contains imazalil.

PRECAUTIONS

Wear suitable protective gloves and eye protection when handling treated tubers and contaminated equipment during planting operations.

Do not handle seed unnecessarily.

Do not use treated seed as food or feed.

Keep treated seed secure from people, domestic stock and pets and wildlife at all times during storage and use.

Bury or remove spillages.

Harmful to game and wildlife. Treated seed should not be left on the soil surface. Bury spillages.

Do not re-use sacks or containers that have been used for treated seed for food or feed.

Wash hands and exposed skin, before eating, drinking or smoking and after work.

IT Agro Limited, 823 Salisbury House, 29 Finsbury Circus, LONDON EC2M 5QQ, Tel: 020 7613 4372

Conditions of Supply

All goods supplied by us are of high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing or use, or of the weather conditions before, during and after application, which may affect the performance of the goods, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded, and no responsibility will be accepted by us or resellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.

Safety data sheet

IT IMAZALIL 100 SL

Prepared on: 24-10-2007/ ABB	Supplier: I.T. Agro Ltd. 823 Salisbury House 29 Finsbury Circus London EC2M 5QQ UK Tel: +44 20 7613 4372 Fax: - Emergency telephone number: +44 20 7613 4372 Email: inter@mail.tele.dk
Product use: Fungicide for the protection against diseases of seed and ware potatoes.	
PCS No.: 02582	

2. Hazards identification

Irritating to eyes. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Composition/information on ingredients

Einesc no.	CAS No.	Substances	Classification	w/w%
252-615-0	35554-44-0	1-[2-(4-hydroxy)-2-(2,4-dichlorophenyl)ethyl]-1H-imidazole (imazalil, 100 g/l)	Xn;R20/22 Xi;R41 N;R50/53	9.26
231-639-5	7864-93-9	Sulphuric acid	C;R55	1.5
200-338-0	57-55-6	Propane-1,2-diol		1.5

Please see section 16 for the full text of the R-phrases

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10/07

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- 3 -

- 4 -