

RANCONA® i-MIX

SEED TREATMENT

A MICRO-EMULSION SEED TREATMENT FOR THE CONTROL OF SEED BORNE DISEASES IN WHEAT AND BARLEY

MICRO-EMULSION FORMULATION FOR SEED TREATMENT CONTAINING 20 G/L IPCONAZOLE AND 50 G/L IMAZALIL

Risk and safety information

Contains ipconazole and imazalil

FOR PROFESSIONAL USE ONLY

Suspected of causing cancer.
May damage the unborn child.
Very toxic to aquatic life with long lasting effects.

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
AVOID RELEASE TO THE ENVIRONMENT
Wear protective gloves/ protective clothing/ eye protection/ face protection.
IF exposed or concerned: Get medical advice/attention.
COLLECT SPILLAGE
Store locked up
Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for TRIPLE-RINSED empty clean containers which can be disposed of as non-hazardous waste

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.

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

UFI: TU4M-D3WJ-0K2R-C164

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL SEED TREATMENT

Crops: Barley (seed)
Wheat (seed)

Maximum individual dose: 1.0 L product per 1000 kg seed

Maximum number of treatments: One per batch

Latest time of application: Pre-drilling

Other specific restrictions:
Returnable containers must not be re-used for any other purpose.
Returnable containers must be returned to the supplier.
Treated seed must not be used for food or feed.
Sacks containing treated seed must not be re-used for food or feed.
Treated seed must not be applied from the air.

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE PRINCIPLES OF GOOD PLANT PROTECTION PRACTICE.

AGITATE WELL BEFORE USE

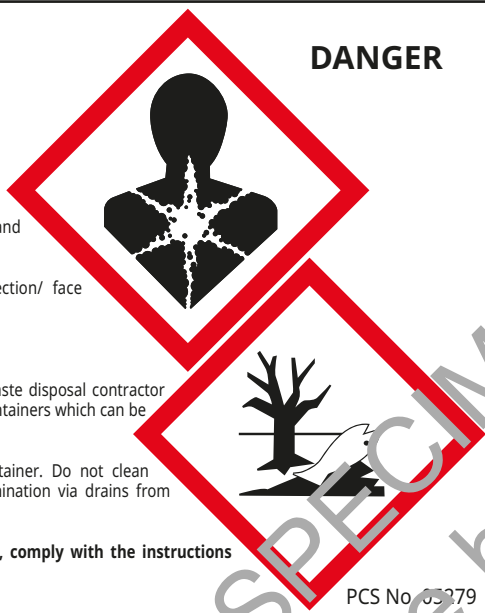
Authorisation Holder
UPL Holdings Coöperatief U.A.
Claudius Prinsenlaan 144 A
Blok A, 4818CP Breda
The Netherlands

Marketing Company:
UPL Europe Ltd.
Engine Rooms (1st Floor)
Birchwood Park, Warrington
Cheshire, WA3 6YN, UK
Tel.: +44 (0) 1925 819999

Batch No.: See container

RANCONA® is a registered trademark

DANGER



PCS No. 05279

Distributing Company:
Whelan Crop Protection
Suite 10, Bunkers Plaza
Biscuitown Business Park,
Biscuitown, Jonee,
Dublin, Ireland
Tel +353 (0)1 806 8600

In case of toxic or transport emergency, ring +44 (0) 1235 239 670 (24 hour).

RANCONA® I-MIX

SAFETY PRECAUTIONS (when handling the product)

Operator exposure
WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate, contaminated surfaces or treated seed.
WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) when bagging treated seed.
WASH HANDS AND EXPOSED SKIN before meals and after work.
WASH CONCENTRATE from skin or eyes immediately.
IF YOU FEEL UNWELL, seek medical advice immediately (show the label where possible).
WHEN USING DO NOT EAT, DRINK OR SMOKE.

Environmental protection
To protect birds/wild mammals, treated seed should not be left on the soil surface. Bury or remove spillages.

Storage and disposal
KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.
KEEP OUT OF REACH OF CHILDREN.
KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.
WASH OUT CONTAINER THOROUGHLY and dispose of safely.
DO NOT REUSE CONTAINER FOR ANY OTHER PURPOSE.

SAFETY PRECAUTIONS (when handling treated seed).
LABEL TREATED SEED with the appropriate precautions using printed sacks, labels or bag tags.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling treated seed.
DO NOT HANDLE seed unnecessarily.
DO NOT USE TREATED SEED as food or feed.
KEEP TREATED SEED SECURE from people, domestic stock/ pets and wildlife at all times during storage and use.
To protect birds/wild mammals, treated seed should not be left on the soil surface. Bury or remove 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 meals and after work.
DO NOT APPLY TREATED SEED FROM THE AIR.

Resistance Management:
At the time of writing, there are no cases of resistance to Rancona i-MIX known to UPL Europe Ltd. The possible development of diseases resistant to Rancona i-MIX cannot be excluded. Rancona i-MIX contains ipconazole (an imidazole fungicide) and imazalil (an imidazole fungicide), both of which belong to the DMI-fungicide group (SBI: Class I). Disease control may be reduced accordingly if strains of fungi resistant to ipconazole or imazalil develop.
The use of Rancona i-MIX should conform to resistance management strategies. Such strategies should include subsequent foliar applications being made with products containing an active substance with a different mode of action. For further advice on resistance management in DMI's consult your agronomist or specialist advisor, and visit the Fungicide Resistance Action Group (FRAG-UK) website.

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.

RESTRICTIONS

Do not treat seed with a moisture content exceeding 16%. Do not apply Rancona i-MIX to cracked, split or sprouted seed. Seed treated with Rancona i-MIX should be drilled within six months of treatment.

Do not store seed treated with Rancona i-MIX from one season to the next. UPL Europe Ltd accepts no liability for the performance of stored, treated seed.
Flow of seed through drills may be affected by Rancona i-MIX. Always re-calibrate your seed drill with treated seed before drilling.

Disease control

Rancona i-MIX is a micro-emulsion seed treatment for the control of seed borne diseases in wheat and barley.

Application rates

Barley: 1.0 L product per 1000 kg of seed
Wheat: 1.0 L product per 1000 kg of seed

CROP	TARGET/CLAIM	RATE OF Rancona i-MIX PER 1000 KG SEED*
Barley	Control of loose smut (<i>Ustilago nuda</i>) in winter and spring barley. Control of leaf stripe (<i>Pyrenophora graminea</i>) in spring barley. Rancona i-MIX improves crop establishment by giving a reduction in seedling blight and foot rot caused by <i>Fusarium</i> species and <i>Microdochium nivale</i> .	1.0 L
Wheat	Control of seed and soil-borne bunt (<i>Tilletia caries</i>). Reduction of seedling blight caused by <i>Fusarium</i> species and <i>Microdochium nivale</i> .	1.0 L

* Rancona i-MIX can be applied neat but co-application with 3L water may improve coverage

Application

Apply Rancona i-MIX through a conventional seed treater suitable for handling liquid products.

Co-application of Rancona i-MIX with water is likely to improve the evenness of coverage of the seed with Rancona i-MIX. Agitate well before use.

Detailed instructions on how to use the container are given below.

Containers should be handled with mechanical assistance.

Cleaning of application equipment.

Do not transfer pumps from one treatment to another without cleaning. When changing from Rancona i-MIX, wash out the pump and pipeline with clean water using a double rinse procedure before use.

Compatibility

Rancona i-MIX should not be pre-mixed with any other seed treatment product.

CONTAINER OPERATING PROCEDURES

GENERAL GUIDELINES

- Although larger than some packs this container is governed by all the rules of storage and usage of any other pesticide container.
- This container is returnable to UPL Europe Ltd.
- Products other than Rancona i-MIX should not be put into this container by the user.
- Any damage to the container should be reported immediately to UPL Europe Ltd.
- The coupling used in this container is a self-sealing, non-drip type. During use air is vented in as product is dispensed out through the dry-break, one-way valve system.

TRANSPORTATION AND STORAGE

- The container should only be transported by suitable mechanical means.
- Containers containing pesticide must be stored in a BASIS registered store on a flat and level surface. Empty containers need not be stored in the BASIS registered store but must be kept in a suitable secure area until they are returned.
- The container should not be used to support any other structure, shelving or equipment.
- During transportation the empty container must be regarded as containing pesticide and treated as such.

USING THE CONTAINER

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when carrying out any coupling or uncoupling procedures.

- Before the container is removed from the store, the seals on both the top closures should be checked to ensure they are both intact.
- When the container is taken into the working area it must stand on a flat surface in a bunded area which complies with all national and local regulations for spillage.
- Remove the tamper-evident seal on the closed dispense coupling drum valve.
- The coupler on the supply hose to the seed treater should be checked to ensure it is clean and undamaged.
- The coupler can then be slid fully onto the drum valve and locked into place by squeezing two handles together and pushing firmly down. The coupler will lock into place and be secure for use. If difficulty is experienced in locking the two parts together then slide them apart, check for

foreign matter, cleaning off as necessary with absorbent paper and repeat the locking process.
Any absorbent paper used in the cleaning operation should be disposed of safely.

- Product can then be pumped out of the container as required. The level of product in the drum can be monitored visually.
- Care should be taken to ensure the container does not become empty during use.
- When the container is empty, the seed treater should be turned off and the coupling unlocked and removed. This is done by squeezing together the two handles on the coupler and lifting them up. The coupler can then be slid off the drum valve.
CARE SHOULD BE TAKEN TO ENSURE THAT THE VALVE HAS SEALED AND PRODUCT DOES NOT LEAK FROM THE COUPLER. IF THE COUPLER DOES LEAK, RE-CONNECT AND DISCONNECT THE TWO PARTS AGAIN TO FREE THE VALVE.
CARE SHOULD ALSO BE TAKEN TO PREVENT THE COUPLER DROPPING ONTO THE FLOOR AND BEING DAMAGED.
AS THE COUPLING IS A DRY BREAK SYSTEM A VERY SMALL AMOUNT OF PRODUCT MAY BE VISIBLE. THIS SHOULD BE WIPED WITH ABSORBENT PAPER AND DISPOSED OF SAFELY.
- The container can now be removed and another put in its place.

DRAINING DOWN

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when draining down the product.

- Care should be taken to minimise the risk of spillage whilst draining down product from the container. It is recommended that this procedure takes place either within the bunded area where the container is used or in the BASIS registered store.
- It is advisable to lift the container with a forklift truck to sufficient height to allow a suitable, sealable container, to be positioned beneath. It is recommended that a funnel is used to minimise the risk of spillage.
DO NOT LEAVE PRODUCT IN AN UNLABELLED CONTAINER. POUR CONTENTS INTO A SMALLER CONTAINER OF THE SAME PRODUCT OR INTO THE NEW 200 LITRE CONTAINER TO BE USED.
- When all of the product has been removed from the container the seal should be replaced securely.
The washings and absorbent paper used in the cleaning operation should be disposed of safely.
- The product collected by this process should be ideally returned to the new 200 litre container to be used, ensuring there is sufficient space in the container for the additional product. Any spillage of product should be removed with absorbent paper.
The funnel and the container should be washed and dried and the washings and absorbent paper disposed of safely.

RETURNING CALIBRATION MATERIAL

It is inevitable that when a seed treatment machine is calibrated a small amount of product will be collected. This should be returned to the container as per instruction number 4 above.

AGITATING PRODUCT BEFORE USE

The motion imparted during transport and delivery of the product will result in sufficient agitation to ensure homogeneity for at least 6 months.
If the product has not been used within 6 months of delivery, it is advisable to re-mix the product to ensure that the contents of the container are homogeneous. This can be done by re-circulating the product for a minimum of 15 minutes with a pump (depending on the volume of product in the container) to withdraw product using the coupler and return via the second closure. Any pump having a gentle action can be used. Do not use high speed or centrifugal type pumps.

We accept responsibility for this product meeting the declared specification and also for our written directions for use and warnings. Users however should beware that no responsibility can be accepted for use which disregards our written instructions, including directions, warnings and precautions, nor for any advice given by any person whether verbal or written, about storage, mixing and application, or about any use which is not strictly in accordance with our written instructions.

Net content: 200L

