




GROUP	12	7	FUNGICIDES
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Product registration number: PCS No. 06263 UFI: G9Q2-COGA-MO0T-NG2Y

A flowable concentrate for seed treatment containing 25 g/litre sedaxane and 25 g/litre fludioxonil.

VIBRANCE® Duo is a seed treatment for the control of a wide range of diseases in winter wheat, winter triticale, winter rye and spring oats.

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In case of toxic or transport emergency ring +44 (0) 1484 538444 (24hr)

PROTECT FROM FROST
MIX THOROUGHLY BEFORE USE

Containers should be handled only by mechanical means

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the SYNGENTA Logo and the PURPOSE ICON
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1000 litres
5 391513 811173

FOR PROFESSIONAL USE ONLY

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

VIBRANCE® Duo is a flowable concentrate for seed treatment containing 25 g/litre sedaxane and 25 g/l fludioxonil.

**Warning**

May cause an allergic skin reaction.
Harmful if inhaled.
Suspected of causing cancer.
Toxic to aquatic life with long lasting effects.

Obtain special instructions before use.
Avoid breathing mist or vapours.
Wear protective gloves/ protective clothing/
eye protection/ face protection/ hearing protection.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/
doctor if you feel unwell.
IF exposed or concerned: Get medical advice/ attention.
Collect spillage.

Dispose of contents/container to a licensed hazardous waste disposal contractor except for empty triple rinsed containers which can be disposed of as non hazardous waste.

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CONDITIONS OF USE

FOR USE ONLY AS AN AGRICULTURAL SEED TREATMENT

Crops	Maximum individual dose (litres/tonne)	Maximum Number of Treatments	Latest time of application
Winter wheat (seed), winter triticale (seed), winter rye (seed)	2	One per batch	Before drilling
Spring oats (seed)	1	One per batch	Before drilling

ADDITIONAL SAFETY INFORMATION

Treated seed must not be used for food or feed.
Sacks containing treated seed must not be re-used for food or feed.

Operator protection

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when handling the concentrate, contaminated surfaces or treated seed.

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS) AND SUITABLE PROTECTIVE GLOVES when bagging treated seed.

KEEP OUT OF REACH OF CHILDREN.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

WHEN USING, DO NOT EAT, DRINK OR SMOKE.

Environmental protection

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 protect birds and wild mammals, the treated seeds must be entirely incorporated in the soil; ensure that the treated seeds are also entirely incorporated at the end of rows.

To protect birds and wild mammals, remove any spillages.

Storage and disposal

EMPTY CONTAINER COMPLETELY and dispose of safely.

KEEP IN ORIGINAL CONTAINER tightly closed in a safe place.

DO NOT RE-USE CONTAINER for any purpose.

ADDITIONAL PRECAUTIONS SPECIFIC TO 1000 LITRE INTERMEDIATE BULK CONTAINERS (IBC).

FOLLOW THE OPERATING INSTRUCTIONS SUPPLIED WITH EACH IBC AT ALL TIMES.

(REF. "SAFE OPERATION OF VIBRANCE DUO DISPENSING SYSTEM USING IBC")

OPEN THE CONTAINER ONLY AS DIRECTED.

EMPTY IBC'S SHOULD BE TREATED AS FULL CONTAINERS WITH RESPECT TO STORAGE, TRANSPORT

AND HANDLING AS THEY WILL STILL BE CONTAMINATED INTERNALLY.

DO NOT RINSE OUT THE CONTAINER.

DO NOT RE-USE THE CONTAINER FOR ANY OTHER PURPOSE.

ENSURE THAT VALVES ARE CLOSED, ALL CAPS ARE SECURED AND THAT THE PRODUCT LABEL IS LEGIBLE.

DIRECTIONS FOR USE

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.

Resistance Management

For advice on resistance management refer to the latest Fungicide Resistance Action Group (FRAG) guidelines. Since the occurrence of resistance cannot be forecast, neither Syngenta Ireland Limited nor its distributors can accept responsibility for any loss or damage to crops caused by the failure of VIBRANCE® Duo to control resistant strains.

DISEASES CONTROLLED**Wheat**

VIBRANCE Duo is a fungicidal seed treatment for the control of bunt (*Tilletia caries*), loose smut (*Ustilago tritici*), and a moderate control of *Fusarium*, *Microdochium spp.* and *Septoria spp.*

Triticale

VIBRANCE Duo is a fungicidal seed treatment for the moderate control of seedling blight and foot rot (*Microdochium nivale* and *Fusarium spp.*).

Oats

VIBRANCE Duo will control loose smut (*Ustilago avenae*).

Rye

VIBRANCE Duo is a fungicidal seed treatment for the control of strip smut (*Urocystis occulta*) and for the moderate control of seedling blight and foot rot (*Microdochium nivale* and *Fusarium spp.*).

CROP SPECIFIC INFORMATION

For use on all varieties of wheat, triticale, oats and rye.

Timing

Before drilling.

Rates of Use

Winter wheat, winter triticale and winter rye: Apply 2 litres product per tonne of seed.

Spring oat: Apply 1 litre of product per tonne of seed.

APPLICATION

For all bulk containers: Prior to use the drum should be agitated by rolling the drum on its base to ensure uniform distribution of the product in the tank prior to application. This should be done using suitable mechanical means.

VIBRANCE Duo should be applied directly to the seed using conventional seed treatment equipment.

Calibrate the application equipment before use. For further advice please contact Syngenta Ireland Limited.

DRILLING

Seed treated with VIBRANCE Duo may affect the flow of the seed through drills. It is therefore important to check the calibration of the drill with VIBRANCE Duo treated seed before drilling commences.

STORAGE AFTER TREATMENT

Sowing treated seed that has been stored for prolonged periods (beyond the season of treatment) may adversely affect effectiveness and/or crop safety.

SEED BAG LABEL TEXT

This seed has been treated with VIBRANCE Duo
VIBRANCE Duo contains 25 g/l sedaxane and 25 g/l
fludioxonil.

VIBRANCE Duo is a seed treatment for the control of a wide range of diseases in winter wheat, winter triticale, winter rye and spring oats.

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SAFETY PRECAUTIONS

WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS AND GLOVES) when handling treated seed.

BURY OR REMOVE SPILLAGES. To protect game and wildlife, bury or remove spillages.

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.

SEEDS CONTAINING TREAT SEED MUST NOT BE RE-USED FOR food or feed.

WASH HANDS AND EXPOSED SKIN before meals and after work.

DO NOT APPLY TREATED SEED FROM THE AIR.

NOTES**1. Safe Handling of treated Seed**

Avoid skin contact with treated seed and dust during all drilling operations. Launder coveralls daily.

2. Drilling

Check drill calibration before drilling for each batch of seed to ensure an accurate drilling rate. Avoid adverse seedbed conditions and deep or shallow drilling which may adversely affect crop establishment and reduce the level of pest control.

3. Storage

Seed should be stored in a cool, dry, well ventilated building and be drilled as soon as possible after treatment. Drill within the season of treatment.

4. Seed Spillages

In case of seed spillage, clean up as much as possible into the related seed sack and re-use the clean seed. Bury the remainder completely.

Syngenta Ireland Ltd, Block 6, Cleaboy Business Park, Old Kilmeaden Road, Waterford, Ireland Tel: (051) 377203

To access the Safety Data Sheet for this product, scan QR code:

Alternatively, contact your supplier

