

Dividend[®] 030 FS
Seed treatment fungicide for controlling seed borne and soil borne diseases in barley (Helminthosporium teres, Pyrenophora graminea, Rhynchosporium secalis) and wheat (Septoria tritici, Fusarium spp, Tilletia spp, Phoma spp and Bipolaris spp).
Active ingredient content: Difenoconazole 30 g/lit.
Approved by TPRI, Arusha
"FOR USE IN SEED TREATMENT ONLY"

**KEEP LOCKED OUT OF REACH OF CHILDREN
 READ LABEL AND ATTACHED PACKAGING LEAFLET BEFORE USING**

Shelf Life: At least 2 years from date of manufacture in original unopened containers.
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Manufactured by: Syngenta Crop Protection AG, Basle, Switzerland
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syngenta
 Colour band: GREEN

Mode of Action

Difenoconazole acts systemically in seeds and young plants. It is taken up from the treated seed coat and translocated to all parts of the plant during germination and early stages of plant growth.

Spectrum of Activity

Difenoconazole is a broad spectrum fungicide controlling fungi of the class of Ascomycetes, Basidiomycetes and Deuteromycetes. It provides good field control of Tilletia spp., Septoria spp., Ustilago tritici Fusarium spp, Phoma spp and Bipolaris spp on wheat and of Pyrenophora graminea, Helminthosporium teres, Rhynchosporium secalis in barley

Crop tolerance

When used as recommended, Dividend 030 FS is well tolerated by all crops recommended for use in. In case of doubt, check crop tolerance first.

Directions for use

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

Dividend 030 FS can be applied using continuous flow seed treaters if the formulation is sprayed onto the seed through nozzles or spinning disk in a liquid mist chamber. It is essential that any continuous flow seed treater should be calibrated with Dividend 030 FS as flow characteristics may not be the same for other seed treatments.

On farm equipment like concrete mixers or rotating drum can also be used.. When using on farm equipment Dividend 030 FS should be diluted with a specified amount of water before treating the seed (see table)
 The slurry obtained must be used within 24 hours.

| Crop | Target pathogen | Product(Dividend) (ml/100kg seed) | Water (ml) (ml) | Slurry to be added to 100 kg seed |
|--------|--|-----------------------------------|-----------------|-----------------------------------|
| Wheat | Tilletia spp, Fusarium spp Phoma spp, Bipolaris spp | 150 | 0 -1500 | 150 - 1650 |
| Wheat | Tilletia spp., C.sativus (seed borne) Septoria spp.(seed borne) | 200 | 0 - 1450 | 0 -1650 |
| Barley | P. graminea, R. secalis H. teres, U. nuda.(partial control) | 200 | 0 - 1450 | 0 - 1650 |

Seed treatment;

Add half the recommended amount of clean water to the mixing jar (see table below). Then add the required amount of Dividend 030 FS. Top up with the remaining water. Agitate thoroughly to make the slurry.

Load a known amount of seed into the mixing equipment (e.g. a concrete mixer or off-center rotating drum)
 Add the slurry to the seed while mixing until an even coverage is achieved and no slurry remains in the bottom or on the sides of the mixer. Do not mix for longer than necessary. It is preferable to treat the seed immediately before planting.

Plastic bag application

For small quantities of seeds, the product can be applied by plastic bag method.

- Use a strong plastic bag of 5 to 10 lt volume.
- Pour 5 mls of Dividend 030 FS in the bag.
- Pour 10 ml of water in the bag and mix the product and the water together.
- Add 2 kg of seeds in the bag, and shake the bag for 1 minute.

The treated seed is ready to be planted. The plastic bag must be destroyed after treatment.

Please note

Dividend 030 FS can reduce the flow of seeds in a seed drill. The seed drill should therefore be calibrated with seeds treated with Dividend 030FS
 Clean equipment thoroughly after use.

Compatibility

Dividend 030FS is compatible with seed coating polymer preparations and WS / FS formulations of other seed treatment compounds with neutral reaction.

Safety Aspects

Precautionary measures

KEEP LOCKED UP OUT OF REACH OF CHILDREN and unauthorized persons, and animals.

Operator safety

Avoid getting product in contact with skin, eyes or clothing. **DO NOT inhale dust or spray mist. DO NOT eat, drink or smoke during work.** Wash hands and face before eating, drinking or smoking. If any indisposition occurs stop work immediately apply first aid measures (see first aid below) and call physician. Wear protective clothing, during preparation and application of the product. After work change clothing and thoroughly clean protective equipment and clothing before re-use. Seed treatment should be done in a well ventilated area.

First Aid

If poisoning is suspected or any indisposition occurs, stop work immediately, apply first aid measures and call a physician. Show label to the physician. In case of contact with the skin, remove all contaminated clothing, wash affected body parts immediately with plenty of water and soap. Rinse splashes from eyes with plenty of fresh and clean water for several minutes. If inhaled, move to clean air. If swallowed, repeatedly administer medicinal charcoal in plenty of water. Seek medical advice immediately if a large volume of concentrate was ingested.

Note: Never give anything by mouth to an unconscious patient and never induce vomiting.

Environment and wildlife.

Toxic to aquatic organisms. **DO NOT** contaminate water used for irrigation or domestic purposes. **DO NOT** dispose of product wastes in water areas such as ponds, ditches, lakes, or in drainage systems.

Spillage and leakage

Remove heavily contaminated soil layer and bury in a safe place away from water supplies. Collect up spilt material thoroughly and bury in a safe place or put in a waste bin or in a plastic bag and dispose of on a landfill-site approved for pesticides. Rinse spill area with plenty of water.

Note: Spilt product must not be re-used.

Product and Container disposal

Dispose of surplus product on a landfill-site approved for pesticides or bury in a safe place away from water sources. Dilute surplus application mixture; pour it broadcast on fallow land. Dispose of containers made of cardboard, paper or plastic by burning in a safe place. Stay away from the smoke and make sure that the smoke or fumes will not damage nearby crops, plants or animals.

DO NOT re-use empty containers for any purpose.

Storage conditions

Store away from sun and damp; in a well ventilated area; apart from food and feed; under lock and key. DO NOT contaminate food, feed or water.

AVOID storage below 5⁰C and above +35⁰C. DO NOT stack containers higher than 2 metres, in order to avoid product compaction or damage.

Shelf life

At least two years from date of manufacturing, in unopened original containers.

User's risk

The user bears the risk for damage resulting from factors beyond the control of the manufacturer.

Resistant strains of fungal diseases develop or 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 distributor 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 neither cannot control the application, use, storage or processing of the product, the manufacturer cannot accept responsibility thereof.

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Manufactured by Syngenta Crop Protection AG, Basle, Switzerland

Approved by TPRI,

Before using the product, please read the attached label and accompanying packaging leaflet.

Use pesticides safely

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Emergency Call: Syngenta Alarm Centre,
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