

SEED GUARD 400FS

FUNGICIDE



SEED GUARD 400FS is a seed dressing fungicide for the control of early seedling, seed and soil borne diseases (*Fusarium sp*, *Phoma sp*, *Bipolaris sp*, *Alternaria alternate*) in wheat.

ACTIVE INGREDIENT: Carboxin 200g/L + Thiram 200g/L

FORMULATION: Flowable Concentrate for seed treatment (FS)

REGISTRATION NO. PCPB (CR) 1633

WHO CLASSIFICATION: WHO CLASS II

MODE OF ACTION: Seed guard 400FS combines Carboxin, a safe to handle systemic fungicide with broad activity against a wide range of seed borne and soil diseases commonly occurring in cereals and other major crops. Thiram is an established contact fungicide with a good record of disease control, crop tolerance and handling safety.

Adhesion: to be effective, the active ingredient in a seed treatment needs to adhere firmly to the seed coat, which may be very hard and shiny. SEED GUARD 400FS has been developed to give a good adhesion even on the most difficult varieties of seed without overdosing individual seed. There is also less dust lost from seed treatment with SEEDGUARD 400FS compared to powder and liquid products.

DIRECTION OF USE: IMIGO 600FS can be applied as a slurry treatment by means of suitable seed equipment. Mix the required amount of IMIGO 600FS with water to obtain a total slurry treatment of about 300-400ml slurry per 100kg of seed. Apply slurry mix to the seed and mix thoroughly. Ensure thorough seed coating by correct calibration of the equipment. Maintain gentle agitation during mixing and application.

RECOMMENDATION

Crop	TARGET PEST	USAGE IN 100Kg SEED	Remarks	PHI
Wheat	Seed borne pathogens: <i>Alternaria spp</i> (causes kernel smudge, seedling blight, sooty moulds) <i>Bipolaris spp</i> (causes root rot, seedling blight, head blight)	200-300ml	Mix thoroughly and ensure recommended rate is used.	Product is used as seed dresser
Barley	Seed borne pathogens: <i>Ustilago spp</i> <i>Helminthosporium pyrenophora</i>	200-300ml	Mix thoroughly and ensure recommended rate is used	Product is used as seed dresser

WITH-HOLDING PERIOD: Do not graze or cut for stock food within 9 weeks of sowing

COMPATIBILITY: SEEDGUARD 400FS is compatible with other seedling dressing products such as seed dressing insecticides and seed dressing biostimulant e.g. TRIPTON TC. However, it is highly recommended that compatibility test be done before mixing SEEDGUARD 400FS with other seed dressing products in the same equipment.

ADVANTAGES OF SEEDGUARD 400FS



- Controls many seed and soil borne diseases in many crops: wheat, Maize, Rice, Barley etc.
- Synergistic effect- Combines systemic and contact disease control; Carboxin (Systemic fungicide) controls diseases within the seed and surface while Thiram (Surface contact fungicide) controls many soil borne diseases.
- Positive germination effect; Seedguard generally improves germination and number of healthy uniform seedlings
- Growth stimulation; Seed guard stimulates germination and early seedling growth
- Positive effect on seed/seedlings: demonstrated to increase emergence and plant stands and promote uniformity of seedling size. Carboxin component in seedguard is known to increase coleoptile length of the germinating cereal seed.
- Flexible application: FS formulation easy to handle and apply
- Seed safety: treated seed which may not be planted in the current season can still be planted in the following season and will still be potent.
- High return on investment due to better, higher yielding crops compared to cost of the treatment.

AVAILABLE PACKS: 1 Litre, 5 Litres

