RUTC E FYU GI F OS 400 SYSTEMIC FUNGICIDE

PRODUCT DESCRIPTION

ACTIVE CONSTITUENT
400g/L phosphorus (phosphonic) acid present as mono and di potassium phosphate

GROUP Y FUNGICIDE
Effective against PHYTOPHTHORA DISEASES AND DONNY MILDEW in various situations as per directions for use

5L 20L 200L

Manufactured by
RUTC E FYU GI F OS 400 SYSTEMIC FUNGICIDE

GENERAL INSTRUCTIONS
Fungicide Resistance Warning

Rutec Fungi-Fos 400 is a member of the Multi-site Activity group of fungicides. For fungicide resistance management, the product is a group Y fungicide. Some naturally occurring individual fungi resistant to the product and other Group Y fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi will not be controlled by this product or other Group Y fungicides, thus resulting in a reduction in efficacy and possible yield loss.

Since the occurrence of resistant fungi is difficult to detect prior to use Rutec Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant fungi.

CONDITIONS CONducive TO DONWNY MILDEW INFECTION

1. PRIMARY INFECTION—overnight conditions of:-
   Temperature 10°C
   Rainfall 10mm
   Soil wetness 24 hours
   Leaf wetness 3-4 hours at end of 24 hour period

2. SECONDARY INFECTION—overnight conditions of:-
   Temperature 11°C
   Humidity 98%
   Leaf wetness 24 hours

TO AVOID RESISTANT STRAINS OF DONWNY MILDEW DEVELOPING RUTEC FUNGI-FOS 400 SHOULD BE APPLIED AS CLOSE AS POSSIBLE TO THE DAY OF INFECTION AND ALTERNATED WITH OTHER SYSTEMIC FUNGICIDES

MIXING/APPLICATION

Dilute Spraying

Use a sprayer designed to apply high volumes of water up to the point of run-off and matched to the crop being sprayed. Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the crop to the point of run-off. Avoid excessive run-off.

The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice. Add the amount of product specified in the Directions for Use table for each 100L of water. Spray to the point of run-off.

The required dilute spray volume will change and the sprayer set up and operation may also need to be changed as the crop grows.

Concentrate Spraying

Use the sprayer designed and set up for concentrate spraying (that is a sprayer which applies water volumes less than those required to reach the point of run-off) and matched to the crop being sprayed. Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume.

Determine an appropriate dilute spray volume (See Dilute Spraying above) for the crop canopy. This is needed to calculate the concentrate mixing rate.

The mixing rate for concentrate spraying can be calculated in the following way:

EXAMPLE ONLY

(i) Dilute spray volume as above: For example 1500L/ha

(ii) Your chosen concentrate spray volume: For example 500L/ha

(iii) The mixing rate may be determined in the following way:

\[
\text{Mixing Ratio} = \frac{500}{1500} = 0.333
\]

The mixing ratio of concentrate to dilute may be adjusted to suit the crop and application rate of the dilute spray.

STORAGE AND DISPOSAL

Store in the closed, original container, in a well-ventilated area as cool as possible. Protect from frost. Do not store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product spillage should be absorbed in sawdust or sand and the absorbent material containing the product disposed of in a sealed container at an approved disposal site.

SAFETY DIRECTIONS

Product is poisonous if swallowed. May irritate the eyes and skin. Avoid contact with eyes and skin and clothing. When preparing and using Fungi-Fos 400 wear elbow length PVC gloves, face shield or goggles. If product or spray on skin, immediately wash with soap and water. Wash hands after use. After every day’s use wash gloves and face shield or goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poison Information Centre. Ph: 131126. If swallowed, do not induce vomiting. Give a glass of water. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet.

EXCLUSION OF WARRANTIES AND LIMITATION OF LIABILITY

The purchaser acknowledges that no express or implied warranty, condition, description or representation is given or made by Rutec Pty Ltd (ABN 91 002 846 988) in relation to this product. To the maximum extent permitted by the law, all warranties, terms, conditions and any duty of care which would otherwise be implied or arise by operation of law, statute or use in relation to this product are hereby excluded as against any and all persons, whether purchasers of this product or not.

To the maximum extent permitted by law, Rutec’s total liability to any person in connection with this product, whether arising from breach of any express or implied warranty, condition, duty of care or otherwise, other than any liability which by these terms or conditions is excluded, shall not exceed the amount paid by the purchaser to the vendor for this product, whether or not such liability results from or involves negligence on the part of Rutec.