



PLEASE READ THE LABEL COMPLETELY BEFORE USE

SulcleanTM DF FUNGICIDE

For the control of powdery mildew and rust diseases on APPLES, STONEFRUIT, GRAPES, TAMARILLOS, PEAS, ORNAMENTALS and other VEGETABLES.

Active Ingredient:
800 g/kg sulphur in the form of a water dispersible granule.



No: 4828
10 kg

HAZARD CLASSIFICATION: 6.4A, 9.1D
WARNING:
Harmful - May cause eye irritation. Harmful to aquatic organisms.
PRECAUTIONS:
STORAGE: Keep out of reach of children. Store in the original packaging away from foods. Storage of certain quantities of this product trigger specific storage requirements (Refer to Safety Notes). When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of product that is older than this.
PERSONAL PROTECTION: Avoid contact with eyes and skin. Avoid inhalation of dust and spray mist. When mixing or applying, wear overalls, chemical resistant boots and gloves, head covering and eye protection. Clean protective clothing daily after work. Do not eat, drink or smoke while using. Remove protective clothing and wash hands and face thoroughly before meals and after work.
USE: Apply with well maintained and calibrated spray equipment.
DISPOSAL: Dispose of this product only by using in accordance with this label, or at a suitable landfill. Do not burn. Do not use packaging for any other purpose.
ENVIRONMENTAL: Use this product carefully. Do not contaminate aquatic environments with product, spray drift or packaging. Do not allow spray drift outside the target area to occur.

First Aid
If swallowed do not induce vomiting. If splashed in eyes, wash out immediately with running water for several minutes. If skin or hair contact occurs, remove contaminated clothing and wash with soap and running water. If inhaled, immediately move to fresh air and rest. Maintain half upright position if breathing is difficult. Call the National Poisons Centre **0800 POISON (0800 764 766) (24 hrs)** or a doctor immediately for advice.
Emergency Response
In a transport emergency call **111, Police or Fire Brigade**. For specialist advice in an emergency only, call **0800 CHEMICAL (0800 243 6225) (24 hrs)**.

Spillage
Exclude non-essential people from the area. Wear protective clothing. Moisten to prevent dusting and sweep up. Place in a waste container. Dispose of safely to a suitable landfill.
Safety Data Sheet
Additional information is provided in the safety data sheet. Freephone **0800 ORIONAS (0800 674 6627)** or visit www.orionagriscience.co.nz.

GENERAL INFORMATION
Sulclean DF is a protectant fungicide and must be applied before disease infection occurs. For best results, even spray coverage is necessary.
CAUTION: Some fruits and crops are susceptible to injury from sulphur under certain climatic conditions. The user is advised not to use on any crop unless local experience has proven sulphur to be safe in that locality. Do NOT apply Sulclean DF when the temperature is above 25°C, or under conditions of extreme humidity, as crop damage can occur. Cucurbits and other crops grown under glass can be affected by an application of Sulclean DF during periods of rapid growth.
Do NOT apply to sulphur shy apples such as Cox's Orange.
Do NOT apply to sprouts.
Do NOT apply to beans.
Do NOT apply to apples with captan or within 5 days of a captan treatment.
Do NOT apply with crop oil or within 21 days of a crop oil application.
It is an offence to use this product on animals.

APPLICATION METHODS
Suitable for use with all applicators. The rates expressed are for high volume spraying to run off. For concentrated spraying, adjust dilution rate accordingly. Sulphur is corrosive so all spray equipment should be thoroughly flushed with clean water after use.
COMPATIBILITY
Sulclean DF is compatible with most insecticides, fungicides and foliar fertilisers. When using with untied emulsifiable concentrate formulations, test the compatibility of both products by mixing small quantities before tank mixing. Do NOT use with spraying oils or any products containing mineral oil.
RAINFALL
Rain within 3 hours of treatment may reduce efficacy.
WITHHOLDING PERIODS
Nil.
RESISTANCE MANAGEMENT
Sulclean DF contains sulphur, an inorganic fungicide. Resistance to this fungicide could develop from excessive use. To minimise this risk, use strictly in accordance with label instructions. Consult <http://resistance.nzps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the crops listed on this label.

WARRANTY
This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer's control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.
Registered pursuant to the ACMA Act 1997, No. P4863
Approved pursuant to the HSNZ Act 1996, No. HSR000741
See www.epa.govt.nz for approved conditions.
TMSULCLEAN DF is a Trade Mark of Orion Agriscience Ltd.
Registrant: Orion Agriscience Ltd.
Unit 1, 15-21 GJ Simpson Drive,
Hawwood, Christchurch 8053
www.orionagriscience.co.nz

Crop	Disease	Rate per 100 Litres Water	Critical Comments
Apples	Powdery Mildew	100 - 200 grams	Apply from bud movement at 14 day intervals until harvest. Do NOT use post-blossom unless one pre-blossom sulphur application has been made. Sulclean DF may affect fruit on some varieties.
Grapes	Powdery Mildew, Eriusum Mite	150 - 300 grams	Apply from bud swell until 6 weeks before harvest at 10 - 14 day intervals. Use the higher rate where infection is established.
Ornamentals	Powdery Mildew, Rust	100 - 200 grams	Apply at 10 - 14 day intervals when conditions are favourable to infection.
Peas	Powdery Mildew	100 - 200 grams	Apply when conditions are suitable for disease infection. Use the higher rate where infection has already occurred.
Nectarines, Peaches and Plums	Rust	100 - 200 grams	Apply at fruit set then at 21 day intervals until harvest. Use the higher rate during conditions of high pressure.
Tamarillos	Powdery Mildew	100 - 200 grams	Apply at 14 day intervals throughout the growing season. Use the higher rate if infection has occurred.
Vegetables: Cucumbers or melons	Powdery Mildew	100 - 200 grams	Use at regular 10 - 14 day intervals during periods of infection. Use the higher rate where infection has already occurred.

Batch No. _____ Date of manufacture _____

