

ECOTOXIC
KEEP OUT OF REACH OF CHILDREN

zelam

DEFENCE™ 500

BROAD SPECTRUM FUNGICIDE

**For the control of a wide range of fungal
diseases in many fruit crops, asparagus,
glasshouse tomatoes, ornamentals
and fine turf**

F U N G I C I D E

NET CONTENTS: 5 LITRES

PLEASE READ THE ENTIRE LABEL BEFORE USE. SHAKE WELL BEFORE USE.

USE RATES: The rates suggested are for high volume spraying to run-off. For concentrated spraying, adjust dilution rate accordingly.

ACTIVE INGREDIENT: Contains 500g/litre iprodione in the form of a suspension concentrate.

APPROVED HANDLER: This product must be under the control of an approved handler during use.

RECORD KEEPING: Records of use must be kept under certain circumstances - see MSDS for details

WARNING: May cause organ damage from repeated oral exposure at high doses.

FIRST AID: If swallowed DO NOT induce vomiting. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. DO NOT scrub the skin. If splashed in eyes, wash out immediately with water for at least 15 minutes. If inhaled move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped.

PERSONAL PROTECTION: Avoid contact with skin or inhalation of spray mist. Gloves should be worn at all times. Wear eye protection when handling the concentrate. Ensure adequate ventilation when handling the concentrate. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work. Do not eat, drink or smoke while using this product.

ECOTOXIC: Warning - very toxic to aquatic organisms. Avoid contamination of any water supply with the product or empty container.

STORAGE: Store in original container, tightly closed, away from foodstuffs. Keep out of reach of children.

SHELF LIFE: When stored appropriately, this product should show no significant degradation for 2 years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

DISPOSAL: For containers of 20 litres or less, rinse container until wash water is clear. Dispose of container at an approved landfill or other approved facility. Avoid contamination of any water supply with product or empty container.

MATERIAL SAFETY DATA SHEET: Additional information is listed in the MSDS available from Zelam Limited or www.zelam.com.

MANDATORY DIRECTIONS: It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand Food Standards. It is an offence to use this product on animals.

ERMA NEW ZEALAND: Additional information is available from the ERMA NZ website -

www.ermanz.govt.nz.
Approval Code: HSR00623

BATCH NO:
Defence

D.O.M:

CROP	DISEASES	RATE	DIRECTIONS
ASPARAGUS	<i>Stemphyllium needle blight</i>	1.5 litres / hectare	Apply between close-up and the end of February at the first appearance of disease. Repeat on a 21-28 day schedule. Use the shorter interval period during periods of high disease pressure.
BERRYFRUIT	<i>Botrytis</i>	100ml/100 litres water or minimum of 1L per hectare	Apply in a programme with alternative products on a 7-10 day schedule from the start of flowering. Reserve use for when infection pressure is high, particularly in the pre-harvest period. DO NOT use on Rabbiteye blueberry cultivars.
FLOWERS/ ORNAMENTALS	<i>Botrytis, stemphyllium, alternaria, sclerotinia</i>	100-150ml / 100 litres water or min of 1.5L per ha	Apply at 10-14 day intervals especially when disease pressure is high. Use the higher rate during periods of severe disease pressure.
GRAPES	<i>Grey mould (botrytis)</i>	75-100ml / 100 litres water	Apply no more than twice in the period from veraison to harvest. Use the higher rate under conditions of severe disease pressure. Use non-dicarboximide fungicides for the rest of the season. Use a minimum of 750mL/ha bunchline or 1L/ha canopy.
KIWIFRUIT	<i>Botrytis, sclerotinia fruit rot</i>	75ml/100 litres water or a minimum of 1.5L per hectare	SCLEROTINIA: Apply at flowering and again in January if required. BOTRYTIS: Use rates as for sclerotinia and apply one day before harvest to reduce losses from botrytis storage rot. NOTE: Applications at flowering for sclerotinia control will also suppress botrytis. DO NOT make more than two applications in any one season.
STONEFRUIT	<i>Brownrot</i>	75ml/100 litres water or a minimum of 1.5L per ha	Apply 2-3 sprays at 7-10 day intervals in the four week period prior to harvest (more frequent applications are required after heavy rainfall). Use alternative non-dicarboximide fungicide for the rest of the season.
TANGELOS	<i>Alternaria leaf spot</i>	100ml/100 litres water or a minimum of 1L per ha	Begin applications when harvest is completed. Apply in a 21-28 day programme from the start of flowering and alternate with other products. Use the shorter interval during periods of high disease pressure.
TOMATOES -glasshouse	<i>Botrytis</i>	100ml/100 litres water	Apply at 10-14 day intervals as an overall spray. Defence 500 may be mixed with fruit setting hormone and directed to flowers. Commence application when the second truss is in flower and use in a program with alternative products.
TURF COTULA and FINE GRASSES	<i>Fusarium, red thread, brown patch, dollar spot, helmintho-sporium, leaf blight, curvularia leaf blight</i>	50-100ml/ 5 litres water/100 square metres	Apply at 14-21 day intervals from the onset or disease or while conditions favour disease. Use the higher rate under conditions of severe disease pressure.

WITHHOLDING PERIODS: Grapes, kiwifruit, berryfruits and stonefruit - 1 day; glasshouse tomatoes - 3 days, tangelos - 14 days.

COMPATIBILITY: May be tank mixed with commonly used fungicides and insecticides except highly alkaline materials. If unsure check compatibility before use.

RAINFALL: Rainfall within 6 hours following treatment may reduce effectiveness.

NOTICE TO BUYER: The manufacturer and vendors of Defence 500 warrant the formulation to contain the specified active ingredient within accepted tolerance but make no warranty of any kind on the uses of material and accept no responsibility,

whether the material is used in accordance with the label directions or not.

REGISTERED TO:
Tapuae Partnership,
Hudson Rd, New Plymouth, NZ
Tel: 06 755-9234 Fax: 06 755-1174

EMERGENCY PHONE:
0800 CHEMCALL - 0800 243 6225

