

WARNING

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL COMPLETELY BEFORE MIXING OR APPLYING

PAVO BOSS 380 WG

FUNGICIDE

ACTIVE INGREDIENT: 252 g/kg BOSCALID and 128 g/kg PYRACLOSTROBIN
in the form of a water dispersible granule.

GROUP 7 | 11 FUNGICIDE

Controls of various diseases in apples, beans, citrus, grapes, kiwifruit,
onions, pears and stone fruit.

Registered pursuant to the ACVM Act 1997, No. P009688
See www.foodsafety.govt.nz for registration conditions
Approved pursuant to the HSNO Act 1996, Approval No. HSR007853
See www.epa.govt.nz for approval controls



NET CONTENTS: 2.5 KG

Registrant:
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2 Bond Crescent, Forrest Hill, Auckland 0620 New Zealand.
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PAVO BOSS 380 WG FUNGICIDE

PERSONNEL QUALIFICATION & EXPERIENCE

This product must be under the control of an appropriately trained and experienced person during storage, use and disposal. For guidance refer to the requirements for class 6 and 9 substances of the Health and Safety at Work (Hazardous Substances) Regulations 2017 part 4.5 and the Hazardous Substances (Hazardous Property Controls) Notice 2017 Part 4 Subpart C.

HAZARD CLASSIFICATION

Acute oral toxicity Category 4, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1.

WARNING

Harmful if swallowed. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

STORAGE

Store in the original container, tightly closed and in a locked, dry, cool, well ventilated area, well away from food and animal feeds. Keep away from heat and protect from direct sunlight. Stores containing 100 kg or more of this product require emergency response plans and secondary containment systems, and are subject to signage.

CONTAINER DISPOSAL

Ensure the container is empty. Triple rinse empty container and add rinsate to the spray tank. Recycle empty container through Agrecovery (0800 247 326, www.agrecovery.co.nz). Otherwise crush and bury in a suitable landfill. DO NOT reuse this container for any other purpose.

FIRST AID

If swallowed, rinse mouth do NOT induce vomiting. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If on skin or clothing, remove contaminated clothing and wash skin with

plenty of soap and water. Do NOT scrub skin. If in eyes, wash out immediately with water.

SAFETY DATA SHEET

A Safety Data Sheet is available from Kenso NZ website: www.kenso.co.nz

CONDITIONS OF SALE

Kenso Corporation (M) Sdn. Bhd. will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by Statutes applicable to the sale or supply of these goods. To the extent allowed by such Statutes the liability of Kenso Corporation (M) Sdn. Bhd. is limited to the replacement of the goods or (at the option of Kenso Corporation (M) Sdn. Bhd.) the refund of the price paid and where possible sufficient part of the goods to enable proper examination being returned to Kenso Corporation (M) Sdn. Bhd. within thirty days of delivery.



EMERGENCY RESPONSE

Ring 0800 CHEMCALL, or
0800 243 622 (24 hours)

Product of China



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Batch No.:

Date of Manufacture:

UN NO: 3077

ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, SOLID, N.O.S.

(CONTAINS BOSCALID,
PYRACLOSTROBIN)

MARINE POLLUTANT,
PACKING GROUP III
HAZCHEM 2Z



In a transport emergency dial 111,
Police or Fire Service.

For specialist advice in an emergency
only, call 0800 243 622 (24 hours).

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HANDLING PRECAUTIONS

PERSONAL PROTECTION

When opening the container, mixing and applying wear cotton overalls buttoned to the neck and wrist, a washable hat, suitable gloves, and goggles or a face shield. Avoid contact with skin, eyes and clothing. Avoid inhalation of dust or spray mist. Do NOT eat, drink or smoke when using this product. Remove protective clothing and wash hands and exposed skin thoroughly with soap and water before meals and after work. Wash protective clothing immediately after use. Store work clothing separately.

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TRANSPORT

Do NOT carry this product on a passenger service vehicle.

SPILLAGE

Prevent further spillage and product from entering waterways. Wear overalls, gloves, footwear and goggles. Sweep up spill and place in a labelled, sealable container for disposal. Wash the spill area with water and detergent, then absorb the washings and place in the same sealable container. Dispose of the waste safely in suitable landfill.

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USE

Apply with well-maintained and accurately calibrated spray equipment. Do NOT spray onto or into water. Do NOT allow drift over surface water such as ponds, waterways or drains. Clean out application equipment thoroughly after use. Do NOT contaminate water when disposing of equipment wash waters.

RECORD KEEPING

Records of use must be kept if 3 kg or more of this product is applied in a place where it is likely to enter air or water and leave the place.

NOTE: Storage, application and record keeping must be as described in the current version of the New Zealand Standard for the Management of Agrichemicals NZS8409.

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RESISTANCE MANAGEMENT

Pavo Boss 380 WG Fungicide contains boscalid, a carboxamide fungicide from the SDHI (Succinate Dehydrogenase inhibitors) mode of action GROUP 7 FUNGICIDE, and pyraclostrobin, a strobilurin type fungicide from the QoI (Quinone outside Inhibitors) mode of action GROUP 11 FUNGICIDE. Resistance to this fungicide could develop from excessive use. To minimise this risk use strictly in accordance with the label instructions and resistance management strategies that exist for any fungus listed on the label. Pavo Boss 380 WG Fungicide should be used in programme that incorporates fungicides with different modes of action to that of GROUP 7 and GROUP 11 fungicides. Consult <http://resistance.nzpps.org/> for alternate modes of action and the details of resistance management strategies (if any) for the crops listed on the label.

GENERAL INFORMATION

Pavo Boss 380 WG Fungicide is a carboxamide and strobilurin fungicides providing protectant activity against various diseases on apples, beans, citrus, grapes, kiwifruit, onions, pears and stone fruit. It is locally systemic and translaminar to provide some protection to new growth. Thorough coverage of the crop is necessary for best results. Best results are obtained from protectant applications prior to the onset of infection.

Integrated Mite Control

Pavo Boss 380 WG Fungicide is compatible with IMC programmes based on Typhlodromus pyri.

DIRECTIONS FOR USE:

It is an offence to use this product on animals.

On fruit crops, the rates recommended are for the high volume spraying to the point of run off. For concentrate spraying adjust dilution rate accordingly. For concentrate spraying the rate of product applied must be equal to the rate that would be applied per hectare with dilute application (refer to tree row volume rate indications).

Crop	Disease	Rate	Comments
Apples and Pears	Black spot Powdery mildew	50 g/ 100 L water	Apply in a protectant programme from green tip at 7 to 10 day intervals up to 90% petal fall. Use the shorter interval during periods of rapid growth and when heavy infection pressure occurs. Do NOT apply more than 2 consecutive sprays of Pavo Boss 380 WG Fungicide. Apply in alternation with an effective fungicide with a different mode of action, e.g. Triazoles. Do NOT apply more than 3 times per season.
Beans	Botrytis Sclerotinia white mould	1.5 kg/ha in a minimum of 300 L water/ha	Apply in a protectant programme. Begin prior to infection and continue at 7 to 14 day intervals. Apply as a preventative spray and when conditions favour disease. Apply in alternation with an effective fungicide with a different mode of action. Do NOT apply more than 3 times per season.
Citrus	Alternaria brown spot Citrus scab Melanose	50 g/ 100 L water	Apply in a protectant programme from flowering up to harvest. Begin prior to infection and continue at 21 to 28 day intervals. Apply as a preventative spray and when conditions favour disease. Do NOT apply more than 2 consecutive sprays of Pavo Boss 380 WG Fungicide. Apply in alternation with an effective fungicide with a different mode of action. Do NOT apply more than 3 times per season.
Grapes	Botrytis (<i>Botrytis cinerea</i>), Powdery mildew (<i>Uncinula necator</i>), Downy mildew (<i>Plasmopora viticola</i>)	150 g/ 100 L of water	Apply in a protectant programme from early flowering to per-harvest as a preventative spray and when conditions favour disease. Ensure bunch zone is adequately treated. Do NOT apply more than 2 sprays per season. Do NOT apply to hybrid varieties without first testing.
Kiwifruit	Sclerotinia blossom and fruit rot	50 g/ 100 L of water	Apply in a protectant programme between the onset of flowering and no later than fruit set as a single preventative spray when conditions are expected to favour disease, usually during late bloom. Ensure thorough coverage of flowers. Do NOT apply more than once per season.
Onions	White rot [Downy mildew (<i>Plasmopora destructor</i>)-suppression only]	1.6 kg/ha in 500 L water per ha	Apply in sequence after 1 or 2 triazole fungicide (e.g. triadimenol fungicide) applications. Either apply a block of 2 consecutive sprays of Pavo Boss 380 WG Fungicide, or, apply in strict alternation with an effective fungicide with a different mode of action. Do NOT apply more than 2 times per season.
Stone fruit	Blossom blight, Botrytis fruit rot, Rust	50 g/ 100 L water	Apply from early flowering up to 100% petal fall (prior to shuck fall) at an interval of 5 - 14 days with no more than 3 sprays per season. Apply as a preventative spray and when conditions favour disease. Use the shorter interval when disease pressure is high. Do NOT apply more than 2 consecutive sprays of Pavo Boss 380 WG Fungicide. Apply in alternation with an effective fungicide with a different mode of action.
Cherries	Blossom blight, Botrytis fruit rot, Rust	50 g/ 100 L water	Apply from early flowering up to harvest at an interval of 5 - 14 days with no more than 3 sprays per season. Apply as preventative spray and when conditions favour disease. Use the shorter interval when disease pressure is high. Do NOT apply more than 2 consecutive sprays of Pavo Boss 380 WG Fungicide. Apply in alternation with the effective fungicide with a different mode of action.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

WITHHOLDING PERIODS

Apples and pears – do NOT apply after 90% petal fall.

Beans – do NOT apply within 7 days of harvest.

Citrus – do NOT apply within 1 day of harvest.

Grapes – do NOT apply within 28 days of harvest.

Kiwifruit – do NOT apply after fruit set.

Onions – do NOT apply within 56 days of harvest.

Stone fruit (excluding cherries) – do NOT apply after 100% petal fall (prior to shuck fall).

Cherries – Nil (may be used on cherries up to harvest).

For export refer to the exporter guidelines.

Orchard grazing: Do NOT allow stock to graze within treated orchards until after harvest.

Leaf plucking in vineyards: Where leaf plucking with sheep is carried out in vineyards sprayed with this product, a 2 month slaughter withholding period must be observed after the sheep have been removed from the vineyard.

Compatibility

Pavo Boss 380 WG Fungicide may be tank mixed with most commonly used insecticides and fungicides and with the plant growth regulator prohexadione-calcium. In kiwifruit Pavo Boss 380 WG Fungicide can also be tank mixed with foliar fertilizers.

Adjuvants

No adjuvants are required.

Mixing

Add the required amount directly into a partly filled spray tank with agitation operating. Complete filling and maintain agitation until spraying is complete.

Rainfall

Pavo Boss 380 WG Fungicide is rainfast once dried on the crop. For apples and pears, cover sprays should be replaced after 50mm of rainfall or after three or more consecutive days of significant rainfall, e.g. 12 mm or greater/ day.

Tree Row Volume Rate Guide

Tree row volume is affected by the shape and density of trees. The lower water and product rates are indicated on pyramid shaped trees of moderate to low density. Higher rates are indicated for dense foliage and box shaped trees.

Tree height	Indicated dilute water rate
2 metres	1000 - 1500 L/ha
3 metres	1500 - 2000 L/ha
4 metres	2000 - 2500 L/ha
5 metres	2500 - 3000 L/ha

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