

HARMFUL, ECOTOXIC
KEEP OUT OF REACH OF CHILDREN.

 CHEMINOVA

 **Headland**

PandaTM

160 g/L Calcium, 149 g/L Nitrogen with Magnesium, Boron and Zinc
For the prevention and correction of disorders related to
calcium and micronutrient imbalance by foliar application



Zelam Limited, 15 Hudson Rd, New Plymouth 4312
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www.zelam.com

Net Contents: 10 Litres
Packed in Cartons of 2 x 10 litres

PLEASE READ ENTIRE LABEL AND MATERIAL SAFETY DATA SHEET BEFORE USE.

Panda is formulated to maximise uptake of calcium and nutrients to aid in the production of quality fruit and vegetables. It is used to correct micronutrient imbalance and to prevent disorders related to calcium deficiency in a wide range of agricultural & horticultural crops.

HAZARD CLASSIFICATION: 6.1D, 6.3B, 9.3B

WARNING: May be harmful if swallowed, inhaled or absorbed through skin. May cause skin irritation. Avoid contact with skin.

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. If splashed in eyes, wash out immediately with water.

PERSONAL PROTECTION: Avoid skin and eye contact and inhalation of spray mist. When mixing or applying wear waterproof gloves, eye protection, boots and overalls. DO NOT eat, drink or smoke while using. Wash splashes of concentrate from skin immediately. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work.

ECOTOXIC: Toxic to terrestrial vertebrates [birds].

STORAGE: Store in original container, tightly closed and in a dry, cool area away from direct sunlight and foodstuffs. Protect from frost, store above 5 °C.

SHELF LIFE: Very stable. Stores for at least 2 years from the date of manufacture in normal agricultural chemical storage conditions.

DISPOSAL: Triple rinse empty container and add rinsate to the spray tank. If recycling, replace cap and deliver clean container to an Agrecovery depot. Alternatively crush and bury in a suitable landfill. Dispose of product only by using according to the label, or at an approved landfill.

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

Approved pursuant to the HSNO Act 1996: Fertilisers (Subsidiary Hazard) Group Standard HSR002571. See www.epa.govt.nz for approval conditions.

RATES OF USE:

Apples: Low concentrations of calcium increases the risk of bitter pit, russetting, skin splitting, cracking, surface rupture and seriously affect the potential for crop storage. Applications of calcium help to condition tree throughout growing season. Rate of Application: 7.5-10l/ha.

Water Volume: Depending on tree size 500l/ha, applying sufficient water to reach incipient runoff.

Application Timing: Apply from petal fall and repeat 10-14day intervals with final application 10 - 14 days prior to harvest, depending on the cultivar

Strawberries: To improve fruit firmness and prolong shelf life.

Rate of Application: 2.5 litres/ha (maintenance treatment)

5.0 litres/ha (deficiency treatment)

Water Volume: 500 - 1000 litres/ha

Application Timing: Apply from start of flowering. Repeat at 10-14 days intervals as necessary.

RATES OF USE CONTINUED:

Carrots: For prevention of deficiency

Rate of Application: 5.0 litres/ha

Water Volume: At least 200 litres/ha

Application Timing: Make 2 - 3 applications at 10 - 14 day intervals beginning at the pencil stage.

Celery: Blackheart, a localised calcium deficiency usually occurs in young immature leaves at the centre of the plant. Spray to ensure the chemical reaches the heart of the plant.

Rate of Application: 5.0 litres/ha

Water Volume: 200 litres/ha

Application Timing: As early as possible once the young plant has sufficient foliage to absorb the spray.

Lettuce: To prevent Tip-burn, apply the spray directly to the susceptible tissue.

Do not apply Headland Panda to protected lettuce.

Rate of Application: 5.0 litres/ha

Water Volume: At least 200 litres/ha

Application Timing: Early treatment is important. Begin applications before head formation and repeat every 10-14 days as necessary.

Potatoes: For the reduction of calcium deficiency related disorders.

Rate of Application: 5.0 litres/ha

Water Volume: At least 200 litres/ha. Increase volume as necessary to ensure good cover of the haulm.

Application Timing: Apply as required.

Vegetable brassicas: For the prevention of deficiency problems in cauliflower, cabbage, brussels sprouts, chinese leaves

Rate of Application: 5.0 litres/ha

Water Volume: At least 200 litres/ha

Application Timing: Spray early in the growing season at 7-10 day intervals

MIXING AND APPLICATION: Shake well before use. Half fill the spray tank with clean water, begin agitation and add the required quantity of Headland Panda. Add the rest of the water and apply without delay.

COMPATIBILITY: Headland Panda is compatible with many spray applied agricultural chemicals. Consult your supplier for the latest information.

Do not mix Headland Panda with metallic sulphates or highly alkaline materials.

NOTICE TO BUYER: The manufacturer and vendors of Headland Panda warrant the formulation to contain the specified active ingredients 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.

EMERGENCY PHONE: 0800 CHEMCALL - 0800 243 6225



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