



## SOIL AND FOLIAR FERTILISERS



LIQUID



ECO-FRIENDLY

# Phosgard™ Copper

5 - 20 - 0

Foliar Fertiliser with P and Cu

### Guaranteed Analysis

<b>Total Nitrogen</b> (5% Urea Nitrogen)	5%
<b>Total Phosphoric Acid (P<sub>2</sub>O<sub>5</sub>)</b>	20%
<b>Copper (Cu)</b>	4%
<i>Derived from urea, copper carbonate, and phosphorous acid</i>	

The benefits of phosphite (PO<sub>3</sub>) fertilisation have been well documented and observed for more than two decades. Phosphite fertilisers, derived from phosphorous acid are highly available to plants, unlike phosphate fertiliser (H<sub>3</sub>PO<sub>4</sub>).

### The Phosgard™ Copper Advantage

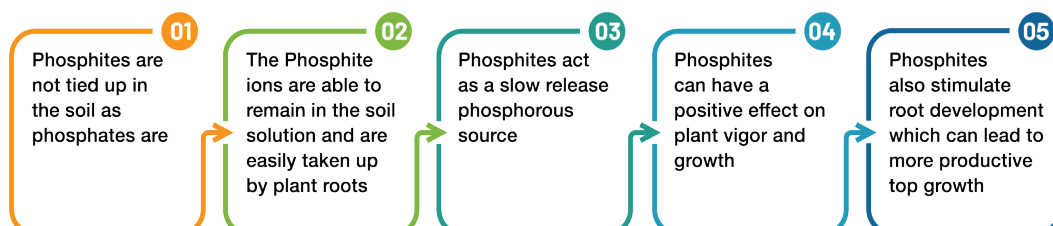
- Phosgard™ Copper is a liquid fertiliser that contains nitrogen, phosphorous acid, and copper designed for soil and/or foliar application to crops. Along with the benefits of phosphite fertilisation, Phosgard™ Copper also provides additional benefits by supplying essential nitrogen nutrients and copper micronutrients.
- Plants need copper, but only in small amounts.
- Copper is important for respiration, seed formation and production, lignin formation, chlorophyll formation, and proper enzyme activity.

- Phosgard™ Copper can also be applied through various irrigation systems such as wheel roll, sprinklers, pivots, drip system and also as foliar sprays (see application guidelines).

### Benefits

- Highly systemic and acts rapidly
- Boosts vigor and growth
- Boosts plant immunity against disease pressure in extreme cold and hot climatic conditions
- Stimulates root development and plant metabolism
- Promotes flowering and fruit set
- Important in seed formation and crop production
- Essential for proper enzyme activity
- Helps in photosynthesis and chlorophyll formation
- Crowds out pathogens

### Benefits of using Phosphite fertilisers >



Available Pack Sizes

1 L | 3.785 L | 18.92 L | 1000 L

## Application Guidelines

CROP	SOIL APPLICATION		FOLIAR APPLICATION	
	TIMING	RATE	TIMING	RATE
<b>FRUIT</b>				
<b>ORCHARDS: Apple &amp; Pome fruit</b>	Apply with early bud burst Repeat after fruit set Repeat postharvest	5L/ha 5L/ha 5L/ha	N/A	N/A
<b>Avocado &amp; Citrus Crops</b>	Apply one month before flowering Repeat as needed after fruit set Repeat postharvest	3-5L/ha 5L/ha 5L/ha	N/A	N/A
<b>Stone fruit &amp; Cherries</b>	Apply at budburst Repeat after fruit set Repeat postharvest	3-5L/ha 5L/ha 5L/ha	N/A	N/A
<b>TREE NUTS: Almonds</b>	Apply at budburst Repeat after fruit set Repeat postharvest	3-5L/ha 5L/ha 5L/ha	N/A	N/A
<b>OTHER TREE NUT CROPS: Walnuts, Pecans, Pistachio, Macadamia</b>	Apply at budburst Repeat after fruit set Repeat postharvest	3-5L/ha 5L/ha 5L/ha	N/A	N/A
<b>OLIVE GROVES</b>	Apply at budburst Repeat after fruit set Repeat postharvest	3-5L/ha 5L/ha 5L/ha	N/A	N/A
<b>TROPICAL FRUIT: Banana, Mango, Lychees, Papaya etc</b>	Apply monthly	3-5L/ha	Apply early in the season once there are enough leaves Repeat monthly	5L/ha 5L/ha
<b>VINEYARD CROPS: Wine grapes</b>	Apply at budburst Repeat 1 month before flowering Repeat monthly after fruit set	5L/ha 5L/ha 5L/ha	N/A	N/A
<b>Table grapes</b>	Apply at budburst Repeat 1 month before flowering Repeat postharvest	3-5L/ha 5L/ha 5L/ha	N/A	N/A
<b>VEGETABLES</b>				
<b>TUBER/ ROOT/BULB VEGETABLES: Potato, Parsnip, Onion, Garlic, Carrots</b>	Apply with first irrigation after planting Repeat once every month through sprinklers/pivots	3-5L/ha 5L/ha	Apply as season progresses Repeat monthly	3L/ha 5L/ha
<b>FRUITING VEGETABLES: Tomato, Caps, Eggplant</b>	Apply 1 week after flowering Repeat monthly	3L/ha 5L/ha	Apply 3 weeks before flowering and stop	2L/ha

For more information on application rates and timing relevant to your crop or circumstances please contact your local distributor or visit [www.zadco.com.au](http://www.zadco.com.au)

**Disclaimer:** Any rates of application and timing may vary and are subject to change according to crop variety, crop demand for nutrient/s, seasonal variations, and crop circumstance. Technical advice is provided to growers on the basis that the information supplied by the grower or agent is correct and that any technical support obtained from third parties (e.g. soil and leaf analysis results) is also correct at the time of preparation of the report. Zadco does not accept any liability whatsoever and howsoever arising from the use of the technical advice and the products used, should the information supplied to Zadco be incorrect or inaccurate. For warranty details, please refer to JH Biotech's warranty on the product label.

## Compatibility

- Always run a compatibility test before mixing Phosgard™ Copper with other chemicals
- Phosgard™ Copper is compatible with almost all herbicides, fungicides and insecticides
- The pH of Phosgard™ Copper is 2-4
- CAUTION 1: Do not apply as foliar if final water pH is below 7
- CAUTION 2: Do not apply together with copper containing products. Avoid the application of copper containing products 20 days prior to the application of Phosgard™ Copper and for 10 days after the application of Phosgard™ Copper
- CAUTION 3: Do not fertigate Phosgard™ Copper to newly sowed seeds or to newly transplanted seedlings. Wait until the seeds have emerged and the transplanted seedlings are well established before using Phosgard™ Copper at 1-2.5 L/ha. Start with the lower rate first, and subsequently increase it to 3L/ha after 1 month
- CAUTION 4: Do not apply together with, or 20 days prior to an application of Phoscare™. Leave 20 days either side of Phoscare™ application

## Product Storage and Handling

- Store Phosgard™ Copper in cool dry places. Avoid direct sunlight and heat.
- Dispose product / container in accordance with federal, state, and local regulations

## Plant and Environmental Safety

- Harmless to plants and is non-phytotoxic when applied according to label directives
- Harmless to wildlife and is environmentally friendly

[www.zadco.com.au](http://www.zadco.com.au)