

CLAYTON VITE

MAPP 12727

Water dispersible granules containing 80 % w/w fosetyl-aluminium

Fungicide for the protection of the listed crops against *Phytophthora spp* and certain other diseases.

Harmful to aquatic organisms

The Control of Substances Hazardous to Health (COSHH) Regulations may apply to the use of this product at work.

COMPLIANCE WITH THE FOLLOWING CONDITIONS OF USE AND ALL SAFETY PRECAUTIONS MARKED ❖ IS A LEGAL REQUIREMENT				
FOR USE ONLY AS A HORTICULTURAL FUNGICIDE				
Crop or use	Maximum individual dose of product	Maximum number of treatments	Latest time of application	Other specific restrictions
Hardy nursery stock	10 g per m ²	-	-	-
Glasshouse grown pot plants	5 g per m ²	-	-	-
Strawberry - foliar spray	3.75 kg/ha	One per year	-	Item 1
Strawberry - root dip	-	One per year	Pre-planting	Item 2
Hop - basal spray	830 g/ha	Two per year	14 days before harvest	Item 3
Hop - foliar spray	-	Six per year	14 days before harvest	Item 4 & 8
Protected lettuce	-	One per batch of compost	Before sowing	Item 5
Broad bean	1.68 kg/ha	Two per crop	17 days before harvest	-
Apple - foliar spray	-	Two per crop	4 weeks before harvest	Item 6
Apple - bark paste	-	One per year	5 months before harvest	Item 7
Other specific restrictions				
1. This product must only be applied between end of harvest and 31 December.				
2. The maximum concentration must not exceed 3.75 g product per litre of water.				
3. A minimum interval of 14 days must be observed between treatments.				
4. A minimum interval of 10 days must be observed between treatments.				
5. The maximum concentration must not exceed 900 g product per cubic metre of compost.				
6. The maximum concentration must not exceed 250 g product per 100 litres of water.				
7. The maximum concentration must not exceed 1 kg product per litre of water.				
8. The maximum concentration must not exceed 200 g product per 100 litres of water				
READ ALL OTHER SAFETY PRECAUTIONS AND DIRECTIONS FOR USE BEFORE USE				

SAFETY PRECAUTIONS

Operator protection

- ❖ Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment:
- ❖ WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), RUBBER GLOVES AND FACE PROTECTION (FACESHIELD) when handling the product or applying the product as a paste.
- ❖ However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

WASH HANDS before meals and after work.

Environmental protection

DO NOT CONTAMINATE SURFACE WATERS OR DITCHES with chemical or used container.

Storage and disposal

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

EMPTY CONTAINER COMPLETELY and dispose of safely.

To avoid risks to man and the environment, comply with the instructions for use.

Safety data sheet available for professional user on request.

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Contents: **6 kg**

Tel: (00 353) 1 8210127

Batch No:

This product is approved under the Control of Pesticides Regulations 1986.

Conditions of Supply: all goods supplied by us are of high quality and we believe them to be correct but, as we cannot exercise control over their storage, handling, mixing or use, or weather conditions before, during and after application which may affect the performance of the goods, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded, and no responsibility will be accepted by us or resellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.

DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

POSITIONING

Clayton Vite is best used as a prophylactic treatment, i.e. in anticipation of disease, combined with good management practices aimed at minimising the occurrence of disease.

RECOMMENDATIONS

Crop and disease	Use and remarks	Dose
HARDY NURSERY STOCK IN CONTAINERS <i>Phytophthora cinnamomi</i> wilt and die-back.	Drench the plant roots in their containers after potting-up and after re-potting. Repeat the drench at 4 week intervals whilst the disease is prevalent.	10 g/m ² in 5-10 l water/m ²
PROTECTED ORNAMENTALS <i>Phytophthora nicotianae</i> and <i>Phytophthora cinnamomi</i> stem and root rots	<u>Cuttings</u> Drench between rooting and transplanting. <u>Young plants after pricking-out</u> Stand each tray in Clayton Vite solution so that each is immersed up to half the depth of the compost. Remove trays when the compost is well wetted and place them on benches.	5 g/m ² in 1-5 l water /m ² 2.5 g per litre water
	<u>Established transplanted crops</u> Apply as an overhead coarse spray in 5 litres water per m ² . If required, repeat at 4-6 week intervals.	5 g/m ² in 1-5 l water /m ²
STRAWBERRIES Red core	<u>Autumn runners, pre-plant root dip</u> Dip the roots of the runners for 15 minutes in Clayton Vite solution. After removal from the dip, leave the plants to drain. Plant shortly after excess moisture has dried-off. The employment of a charcoal dip before planting is optional. Change the dip if it becomes muddy but at least every 2 days. Wash heavily soiled roots before dipping. Maintain the dip volume with newly prepared solution of the same concentration as the original dip. Treat in the following autumn as for established plantings.	37.5 g product per 10 litres of water to treat approx. 1250 plants
	<u>Established plantings</u> Spray after end of picking in late summer when growth is still active and fresh leaves are present. Ensure thorough leaf coverage. Repeat each year for the duration of the crop.	3.75 kg in at least 1000 l/ha water

cont.		
APPLES		
Crown rot	Apply after flowering when the full flush of leaves has emerged. Spray at low-medium volume in 600-1100 l/ha water ensuring good coverage of the leaves. Do not spray to run-off. Repeat 4-6 weeks later. In the main confine treatment to orchards in their early years.	250 g per 100 litres water
Collar rot	<p>Clayton Vite will control established lesions; treat as soon as practicable after lesions have been observed. Determine the extent of each lesion by scraping back the bark.</p> <p><u>Small areas</u> Cut away diseased bark to the wood. Cover all cut surfaces liberally with the product prepared as a paste so that the pasted area just overlaps onto the healthy bark.</p> <p><u>Larger areas</u> Cut a 1cm wide channel down to the wood in the non-diseased bark around the diseased area to include the rootstock/scion union. Cover all cut surfaces liberally with the product prepared as a paste so that the pasted area just overlaps onto the healthy bark.</p>	<p>1 kg per litre water mixed into a paste</p> <p>(1 kg will treat approx 30-50 trees with medium sized lesions)</p>
HOPS		
Downy mildew	<p>A comprehensive programme of stem base and foliar sprays is required for good disease protection.</p> <p><u>Stem base sprays</u> Start the programme with a directed spray to the stem bases when most of the shoots have emerged. Ensure good coverage. Repeat after 14 days.</p>	830 g/ha in 220-560 l/ha water
	<p><u>Foliar sprays</u> Spray at 10-14 days intervals starting at the end of training. Use the shorter interval for susceptible varieties or if the weather is favouring the disease. It is important that an adequate spray volume is employed to cover the foliage thoroughly.</p>	200 g/ha in 1000-1250 l/ha water
BROAD BEANS		
Qualified minor use recommendation: Downy mildew	Spray as soon as the disease appears, commonly at the start of flowering. Repeat 14 days later if required.	1.68 kg/ha in 200-400 l/ha water
PROTECTED LETTUCE		
Downy mildew in autumn, winter or spring	<p>Mix Clayton Vite evenly into the compost immediately before sowing – see mixing instructions. Do not store treated compost. Normally protection will be given up to the young plant stage. A follow-up treatment for downy mildew using an alternative product may be required. Do not add any other pesticidal product to the compost. Do not use this product for crops being grown in May-August as adverse growth effects can occur during periods of high temperature.</p> <p>Caution: the use of this product may delay crop maturity.</p>	900 g per cubic metre of compost

MIXING

Drenches and sprays

Half-fill the drench or spray tank with clean water and put under agitation. Slowly add the required amount of Clayton Vite. Fill the tank to the required level. Continue agitation before and during application. Wash utensils and equipment after use.

Incorporation into compost

Incorporate Clayton Vite into the compost in water solution; dry-mixing into the compost is not recommended and may result in crop damage. The recommended amount of Clayton Vite (900 g) in at least 50 litres of water per cubic metre of compost is normally required to give a proper mix. Slowly add the Clayton Vite in water solution to the compost being mixed. If a dilutor is used, so that further water is to be added, put a mix of 900 g product in at least 15 litres of water per cubic metre of compost into the dilutor. Ensure that the compost is thoroughly mixed and evenly wetted before use.

APPLICATION

Drenches

Apply instead of or before watering, although not when the plants are under severe moisture stress. Aim to wet the growing medium with the drench. Do not apply when the growing medium is initially wet or will not fully absorb the required volume of drench.

Sprays

Apply Clayton Vite solution as a MEDIUM spray (BCPC) following any instructions given in the recommendations table.

PROCESSED CROPS

Consult processors before treating crops being grown for processing.

SPECIES AND VARIETIES

Verify the safety of the treatment on the crop on a small number of plants before proceeding to treat larger numbers of plants.
