POISON
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Cheminova

Chlorothalonil 720
Fungicide
ACTIVE CONSTITUENT: 720 g/L CHLOROTHALONIL

GROUP M5 Fungicide

For the control of fungal diseases on almonds, apricots, bananas, carrots, celery, cherries, faba beans, grapes, onions, peaches, peanuts, peas, plums, potatoes, tomatoes, turf and vegetables as per the Directions for Use Table.
**DIRECTIONS FOR USE**

**RERAINTS**

DO NOT mix spraying oils or wetting agents with this product.

**For all stone fruit except Cherries, the following additional restraints apply:**

DO NOT use oils after bud-swell and during the season if Cheminova Chlorothalonil 720 Fungicide is to be used after shuck fall.

DO NOT tank mix Cheminova Chlorothalonil 720 Fungicide with EC formulations when spraying after shuck fall.

DO NOT exceed 3.2 L of Cheminova Chlorothalonil 720 Fungicide per hectare of crop.

### 1. TREE AND VINE CROPS

<table>
<thead>
<tr>
<th>SITUATION &amp; CROP</th>
<th>DISEASE</th>
<th>STATE</th>
<th>RATE</th>
<th>WHP, days</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Almonds</strong></td>
<td>Shot-hole (Stigmina carpophila), Stone Fruit Rust (Tranzschelia discolor)</td>
<td>NSW, ACT, Vic, Tas, SA, WA only</td>
<td>160 mL/100 L</td>
<td>–</td>
</tr>
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<td></td>
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<td></td>
</tr>
<tr>
<td><strong>Apricots</strong></td>
<td>Brown Rot – Fruit (Monilinia fructicola), Blossom Blight (Monilinia laxa)</td>
<td>All States except NT</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td><strong>Cherries</strong></td>
<td>Brown Rot – Fruit (Monilinia fructicola), Blossom Blight (Monilinia laxa)</td>
<td>All States except Qld</td>
<td>14</td>
<td>14</td>
</tr>
<tr>
<td><strong>Nectarines</strong></td>
<td>Shot-hole (Stigmina carpophila), Stone Fruit Rust (Tranzschelia discolor), Freckle (Venturia carpophila)</td>
<td>All States</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td><strong>Peaches</strong></td>
<td>Brown Rot – Fruit (Monilinia fructicola), Blossom Blight (Monilinia laxa)</td>
<td>All States</td>
<td>14</td>
<td>14</td>
</tr>
<tr>
<td><strong>Grapes</strong></td>
<td>Downy Mildew (Plasmopara viticola), Bunch Rot (Botrytis cinerea)</td>
<td>160-210 mL/100 L</td>
<td>Dessert 7 Wine 14</td>
<td></td>
</tr>
<tr>
<td>Note: Russetting of some table grape varieties may occur</td>
<td>Black Spot (Anthracnose) (Elsinoe ampelina)</td>
<td>210 mL/100 L</td>
<td>If Black Spot has occurred in the vineyard in any of the last three years, apply at budburst and 14 days later when shoots are 10-15 cm long. If wet/humid conditions persist spray again when shoots are 20-30 cm long to protect new growth. Some initial minimal leaf damage on the new shoots of sensitive varieties can occur if spray treatments are applied at budburst and in the first 14 days after budburst. In vineyards with no history of Black Spot, make the first application as soon as conditions favour the development of the disease on the foliage and then at 7-14 day intervals if wet/humid conditions persist. Applications up to cap-fall will not cause russetting in table grape and dried fruit varieties.</td>
<td>Explain why grading: 14 day intervals if wet/humid conditions persist. Additionally, mention the spraying method and the consequences of russetting in table grape and dried fruit varieties.</td>
</tr>
</tbody>
</table>

Cheminova Chlorothalonil 720 Fungicide is to be used after shuck fall.

Apply at bud-swell, bud-burst, pink bud, early blossom, and full bloom. Apply 3 weeks pre-harvest and 1 week pre-harvest.

Apply at bud-swell, bud-burst, pink bud, full bloom. Apply no later than 35 days pre-harvest. See also Additional Restraints for stone fruits.

Apply at bud-swell, bud-burst, pink bud, full bloom. Apply no later than 35 days prior to harvest may result in unacceptable fruit skin damage. See also Additional Restraints for stone fruit.

Apply at bud-swell, bud burst, pink bud, early blossom, and full bloom. Apply 3 weeks pre-harvest and 1 week pre-harvest.

Apply at bud-swell, bud burst, pink bud, early blossom and full bloom. Apply no later than 35 days pre-harvest as unacceptable fruit skin damage may occur. See also Additional Restraints for stone fruits.

Apply at bud-swell, bud burst, pink bud, early blossom and full bloom. Apply no later than 35 days pre-harvest as unacceptable fruit skin damage may occur. See also Additional Restraints for stone fruits.

Apply at bud-swell, bud burst, pink bud, early blossom and full bloom. Apply no later than 35 days pre-harvest as unacceptable fruit skin damage may occur. See also Additional Restraints for stone fruits.

Apply at bud-swell, bud burst, pink bud, shuck fall, cap fall. Apply every 10-14 days. Apply 1-week pre-harvest.

Apply at bud-swell, bud burst, pink bud, shuck fall, cap fall, then every 10-14 days. Apply 1-week pre-harvest.

Apply 1-week pre-harvest.

Apply at bud-swell, bud burst, pink bud, early blossom and full bloom. Apply no later than 35 days pre-harvest as unacceptable fruit skin damage may occur. See also Additional Restraints for stone fruits.

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Spray applications later than 35 days prior to harvest may result in unacceptable fruit skin damage. See also Additional Restraints for stone fruit.

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### 2. LEGUMES

<table>
<thead>
<tr>
<th>SITUATION &amp; CROP</th>
<th>DISEASE</th>
<th>STATE</th>
<th>RATE</th>
<th>WHP (days)</th>
<th>CRITICAL COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beans – Broad (Faba)</td>
<td>Chocolate Spot (Botrytis fabae), Rust (Uromyces viciae-fabae)</td>
<td>All States</td>
<td>1.4-2.3 L/ha</td>
<td>7</td>
<td>Apply at first sign of disease on the leaves or if weather conditions indicate likely incidence of disease. Repeat at 7-14 day intervals. Use the higher rate if the crop is dense and disease pressure is high.</td>
</tr>
<tr>
<td>Peanuts</td>
<td>Early Leaf Spot (Cercospora arachidicola), Late Leaf Spot (Cercosporidium ersonatum), Peppery Leaf Spot (Leptosphaeria trifolii), Peanut Rust (Puccinia arachidis), Net Blotch (Didymosphaeria arachidicola)</td>
<td>Qld, NSW, ACT, WA, NT only</td>
<td>1.1-1.8 L/ha</td>
<td>–</td>
<td>Use higher rate when conditions favour leaf spot or when rust appears. DO NOT feed peanut vines to livestock. <strong>NSW and WA only:</strong> Commence application when disease first appears and repeat as necessary to maintain control. <strong>QLD only:</strong> NORTH AND SOUTH BURNETT – Commence spraying when disease appears and repeat when rain and warm moist nights are expected. ATHERTON TABLELANDS – Commence application 4-6 weeks after planting and repeat 7-14 day intervals depending on conditions.</td>
</tr>
<tr>
<td>Peas</td>
<td>Downy Mildew (Peronospora viciae)</td>
<td>Qld, Tas, WA only</td>
<td>1.1-1.8 L/ha</td>
<td>7</td>
<td>Apply at first sign of disease on the leaves or if weather conditions indicate likely incidence of disease. Repeat at 7-14 day intervals. Use the higher rate if the crop is dense and disease pressure is high.</td>
</tr>
</tbody>
</table>

### 3. VEGETABLES AND FRUIT

<table>
<thead>
<tr>
<th>SITUATION &amp; CROP</th>
<th>DISEASE</th>
<th>STATE</th>
<th>RATE</th>
<th>WHP (days)</th>
<th>CRITICAL COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bananas DO NOT apply to bananas within 14 days of applying an oil based spray or crop damage will occur</td>
<td>Leaf Spot (Mycosphaerella musicola)</td>
<td>Qld, NSW, ACT, WA, NT only</td>
<td>1.8 L/ha</td>
<td>1</td>
<td>North Qld: Spray every 14 days late January to end of March. Extend to 21 days after March and then 28-35 days in the drier months of the year. South Qld: Spray every 21 days from start of December to end of April. NSW: Spray every 21 days from end of November to end of May. WA: Spray every 10-14 days from November to end of May and extend to 14-21 days from May to November. Spray schedule same as for control of leaf spot. This product will not eradicate infection already present but will prevent the spread of disease.</td>
</tr>
<tr>
<td>Artichoke Globe</td>
<td>Grey Mould (Botrytis cinerea)</td>
<td>All States</td>
<td>1.8-2.3 L/ha</td>
<td>1</td>
<td>Apply at 7-10 day intervals as required. Use the higher rate if disease pressure is high.</td>
</tr>
<tr>
<td>Broccoli, Brussels Sprouts, Cabbages, Cauliflower</td>
<td>Ring Spot (Mycosphaerella brassicicola)</td>
<td>Qld, NSW, ACT, WA, NT only</td>
<td>1.8-3.5 L/ha</td>
<td>7</td>
<td>Apply at first sign of disease on the leaves or if weather conditions indicate likely incidence of disease. Repeat at 14-day intervals. Use the higher rate if the crop is dense and disease pressure is high.</td>
</tr>
<tr>
<td>Capsicums, Peppers</td>
<td>Grey Mould (Botrytis cinerea), Anthracnose (Colletotrichum acutatum)</td>
<td>Qld, NSW, ACT, WA, NT only</td>
<td>1.8-2.3 L/ha</td>
<td>1</td>
<td>Apply at 7-10 day intervals as required. Use the higher rate if disease pressure is high.</td>
</tr>
<tr>
<td>Carrots</td>
<td>Leaf Blight (Alternaria dauci)</td>
<td>Qld, NSW, ACT, WA only</td>
<td>1.2 L/ha</td>
<td>7</td>
<td>Commence application as soon as symptoms favour the development of the disease and then spray every 7-14 days.</td>
</tr>
<tr>
<td>Celery</td>
<td>Septoria Leaf Spot (Septoria apicola)</td>
<td>NSW, ACT, WA only</td>
<td>1.5 L/ha</td>
<td>1</td>
<td>Apply every 7-14 days. Apply also to seedbeds.</td>
</tr>
</tbody>
</table>
### SITUATION & CROP
### DISEASE
### STATE
### RATE
### WHP (days)
### CRITICAL COMMENTS

| Cucurbitis (including Cantaloupe, Cucumber, Honeydew, Muskmelon, Pumpkin, Squash, Rockmelon, Watermelon, Zucchini) | Downy Mildew (Pseudoperonospora cubensis), Gummy Stem Blight (Didymella bryoniae), Anthracnose (Colletotrichum orbiculare), Leaf Blight (Alternaria cucumerina), Target Leaf Spot (Cercospora citrullina) | All States | 1.6-2.5 L/ha | 1 | Apply on a 7 to 14 day schedule. Apply rates towards the higher end of the recommended range at 7-day intervals when disease pressure is high. Commence spray program early, at first true leaf and before vining or flowering. When used at these rates, Cheminova Chlorothalonil 720 Fungicide will suppress Powdery Mildew. Suppression of Belly Rot will be obtained where fruit form on soil prior to applications of the above foliar spray programme. |
| Leeks, Shallots | Grey Mould (Botrytis cinerea) | 1.8-2.3 L/ha | 1 | Apply at 7-10 day intervals as required. Use the higher rate if disease pressure is high. |
| Okra | Leaf disease/spot | Qld, WA only | | Apply at first appearance of disease. Repeat at 7-10 day intervals, particularly during wet weather. |
| Onions (excluding spring onions) | Downy Mildew (Peronospora destructor) | All States | 2.3 L/ha | 14 | Apply at first sign of disease on the leaves or if weather conditions indicate likely incidence of disease. Repeat at 14-day intervals. |
| Potato | Early Blight or Target Spot (Alternaria solani), Late Blight or Irish Blight (Phytophthora infestans) | All States | 1.1-1.8 L/ha | – | Spray at first sign of foliage disease or at flowering time, whichever is earlier. Spray every 7-14 days until within 14 days of desiccation or harvest. |
| Rhubarb | Ascochyta Leaf Spot (Ascochya rhei) | All States | 140 mL/100 L Apply 2000 L/ha | 7 | Apply every 10-14 days. |
| Radish | Grey Mould (Botrytis cinerea) | All States | 1.8-2.3 L/ha | 1 | Apply every 7-10 day intervals as required. Use the higher rate if disease pressure is high. |
| Sweet Corn | Turcicum Leaf Blight (Exserohilium turcicum) | All States | | | |
| Tomato | Early Blight or Target Spot (Alternaria solani), Leaf Mould (Fulvia fulva), Grey Leaf Spot (Stemphylium solani), Botrytis Rot or Grey Mould (Botrytis cinerea) | All States | | | |
| Water Cress | Cercospora Leaf Spot | Qld, WA only | | | |

### 4. MISCELLANEOUS

<table>
<thead>
<tr>
<th>SITUATION &amp; CROP</th>
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<th>STATE</th>
<th>RATE</th>
<th>CRITICAL COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ornamentals including Chrysanthemums, Geraniums, Iris</td>
<td>Botrytis, Grey Mould, Rust diseases, Septoria and Alternaria Leaf Spot Diseases</td>
<td>All States</td>
<td>100 mL/100 L</td>
<td>Apply at 7-14 day intervals. Use 7-day interval under severe conditions. Avoid application to blooms in Azalea, Hydrangea and Petunia.</td>
</tr>
<tr>
<td>Tobacco</td>
<td>Tobacco Leaf Spot Ascochya arida</td>
<td>Qld, WA only</td>
<td>220 mL/100 L</td>
<td>Apply every 7 days in seedbed application only.</td>
</tr>
<tr>
<td>Turf and Lawns, Bowling greens, Golf greens</td>
<td>Dollar Spot (Sclerotinia homeocarpa)</td>
<td>Qld, NSW, ACT, Vic, SA, WA only</td>
<td>130-200 mL/100 m² in 20-60 L of water</td>
<td>If disease is already established use higher rate. Apply at 7-14 day intervals. Under severe conditions spray at 7 day intervals. DO NOT mow or water treated area until turf or lawn is thoroughly dry.</td>
</tr>
<tr>
<td></td>
<td>Brown Patch (Rhizoctonia spp.)</td>
<td>All States</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grey Leaf Spot Stemphylium solani</td>
<td>NSW, ACT, WA only</td>
<td>24 L/ha</td>
<td>Apply to leaf as a curative application. DO NOT irrigate for 24 hours after application.</td>
</tr>
</tbody>
</table>

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION**
WITHHOLDING PERIODS:
ARTICHOCKES, BANANAS, CAPSICUMS, CELERY, CUCURBITS, ENDIVE, LEEK, OKRA, PEPPERS, PLUMS, RADISH, SHALLOTS, SWEET CORN, TOMATOES, WATERCRESS: DO NOT HARVEST FOR 1 DAY AFTER APPLICATION.
APRICOTS, BEANS, BROCCOLI, BRUSSELS SPROUTS, CABBAGES, CARROTS, CAULIFLOWERS, CHERRIES, NECTARINES, PEACHES, PEAS, RHUBARB, TABLE GRAPES: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.
ONIONS, WINE GRAPES: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.
BEANS, PEANUTS, PEAS: DO NOT GRAZE LIVESTOCK ON TREATED CROPS.
POTATOES, PEANUTS (Harvest): NOT REQUIRED WHEN USED AS DIRECTED.

GENERAL INSTRUCTIONS
Cheminova Chlorothalonil 720 is a protectant fungicide for the control of a range of diseases in fruit and vegetables. For effective disease control a good leaf cover must be achieved before a widespread disease outbreak occurs.

MIXING
Thoroughly shake and invert the pack several times before opening. Half fill spray vat and with agitation system running, add the required amount of product.

APPLICATION RATES PER HECTARE
Low Volume - 200 or more litres per hectare.
High Volume - 500 or more litres per hectare.
Aerial Application - 20 litres or more per hectare.
Mister - 75-255 litres per hectare.
The volume of water applied should increase as the plants grow in size to maintain adequate cover.

COMPATIBILITY
This product is compatible with wettable powder and flowable formulations of most commonly used fungicides, insecticides and miticides. Unless experience in your area has shown other combinations to be physically compatible and non-injurious to your crop do not combine with other chemicals, especially oil based emulsifiable or flowable pesticides.
This product should not be mixed with spraying oils or sprayed onto crops that have been sprayed with oil for at least 10 days after the last spray.
Wetting Agents: The addition of surfactants does not improve this product’s efficiency and under some conditions may cause plant injury.

FUNGICIDE RESISTANCE WARNING
For fungicide resistance management Cheminova Chlorothalonil 720 is a Group M5 fungicide. Some naturally occurring individual fungi resistant to the product and other Group M5 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi will not be controlled by this product or other Group M5 fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use, Cheminova Australia Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant fungi.

PROTECTION OF LIVESTOCK
DO NOT contaminate feed or foodstuffs with this product or empty containers.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
Dangerous to fish. DO NOT contaminate streams, rivers or waterways with chemical or used containers.

STORAGE AND DISPOSAL
Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight.
Store in a locked room or place away from children, animals, food, feedstuffs, seeds and fertilisers.
Leaflet
The method of disposal of the container depends on the container type. Read the ‘Storage and Disposal’ instructions on the label that is attached to the container.

Non-returnable containers only
Triple or preferably pressure rinse containers before disposal. Add rinsings to the spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and...
tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

100, 110L
Do not remove or tamper with the dry valves or security seal. Do not contaminate the drum with water or any other foreign matter. After each use of the product ensure that the dry valve coupler, delivery system and hoses are disconnected, triple rinsed with clean water and drained accordingly. When the drum is empty remove the dry valve coupler and return to the point of purchase.

1000L
Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS
Attacks eyes and skin. Avoid contact with eyes and skin. DO NOT inhale spray mist. Repeated exposure may cause allergic disorders. Sensitive workers should wear protective clothing. When preparing spray and using prepared spray wear cotton overalls buttoned to the neck and wrist, washable hat, elbow-length PVC gloves and goggles and disposable mist mask or fume face mask covering mouth and nose. If clothing becomes contaminated with product or wet with spray remove clothing immediately. If product on skin immediately wash area with soap and water. If product in eyes, wash out immediately with water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day’s use, wash gloves, goggles and contaminated clothing.

FIRST AID
If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126. If swallowed, do NOT induce vomiting. Give a glass of water.

SAFETY DATA SHEET
Additional information is listed in the Safety Data Sheet available from www.cheminova.com.au.

WARNING
This product must be used, handled and stored strictly as directed in accordance with this label, packaging and other reference material (“Directions”). To the extent permitted by law Cheminova Australia Pty Ltd and its related companies will have no liability for any injury, loss or damage arising from a failure to follow the Directions.

APVMA Approval No: 60939/61843
Batch No:
Date of Manufacture: 131112-T
Drummuster logo (relevant pack sizes)