**Chlor-P 480EC INSECTICIDE**

A broad spectrum insecticide for use in a wide range of ARABLE and FRUIT crops.

**Active Ingredient:**
480g/litre chlorpyrifos in the form of an emulsifiable concentrate.
PLEASE READ THE LABEL COMPLETELY BEFORE USE

Symptoms of Poisoning
These may include excessive sweating, headache, weakness, faintness, dizziness, nausea, stomach pains, vomiting, small pupils, blurred vision and muscle twitching.

First Aid
If swallowed do not induce vomiting. If splashed in eyes, wash out immediately with running water for several minutes. If skin or hair contact occurs, remove contaminated clothing and wash with soap and running water. If inhaled, immediately move to fresh air and rest. Maintain half upright position if breathing is difficult. Call the National Poisons Centre 0800 POISON (0800 764 766) (24 hrs) or a doctor immediately for advice.

Emergency Response
In a transport emergency call 111, Police or Fire Brigade. In a fire, evacuate and call 111 Fire Brigade. For specialist advice in an emergency only, call 0800 CHEMCALL (0800 243 6225) (24 hrs).

Spillage
Extinguish any ignition sources. Exclude non-essential people from the area. Wear protective clothing and prevent material from entering waterways. Absorb spill with inert material such as soil, sand, etc, and place in a waste container. Wash area with water and detergent, and absorb with further inert material. Dispose of safely to a suitable landfill.

Safety Data Sheet
Additional information is provided in the safety data sheet. Freephone 0800 ORIONAS (0800 674 6627) or visit www.orionagriscience.co.nz

WARRANTY
This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer’s control. The manufacturer declines all liability for damage resulting from improper storage or use of the product.

Registered pursuant to the ACVM Act 1997, No. P4852
See www.foodsafety.govt.nz for registration conditions.
Approved pursuant to the HSNO Act 1996, No. HSR000224
See www.epa.govt.nz for approval conditions.

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www.orionagriscience.co.nz

UN 3018
ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC (CHLORPYRIFOS 48%)
PACKING GROUP III
HAZCHEM CODE 2X
IN A TRANSPORT EMERGENCY, DIAL 111 POLICE OR FIRE BRIGADE.
FOR SPECIALIST ADVICE IN AN EMERGENCY CALL 0800 CHEMCALL (0800 243 6225)
PLEASE READ THE LABEL COMPLETELY BEFORE USE

GENERAL INFORMATION
Chlor-P 480EC is a broad spectrum insecticide for use in a wide range of arable and fruit crops.

MIXING
Partly fill the spray tank with water. Add the measured quantity of Chlor-P 480EC. Agitate while adding the balance of water. Use a surfactant where directed for each crop in the situations for use table. Follow the label rate of the surfactant used. Where water with a high pH or water containing calcium salts cannot be avoided, the addition of a pH Buffer is recommended to reduce chemical deactivation and hydrolysis.

COMPATIBILITY
Chlor-P 480EC is compatible in tank mixes with most commonly used pesticides. Chlor-P 480EC is NOT compatible with products such as a Bordeaux mixture or lime sulphur, or with other products that have a high alkalinity.

RAINFALL
Do not spray if rain is expected within 3 hours of spraying.

WITHHOLDING PERIODS
It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand (Maximum Residues Limits of Agricultural Compounds) Food Standards.

Chlor-P 480EC contains the organophosphorus compound chlorpyrifos. Resistance to this insecticide could develop from excessive use. To minimise this risk, use strictly in accordance with label instructions. Consult http://resistance.nzpps.org/index.php for alternative modes of action and details of resistance management strategies (if any) for the insect pests listed on the label.

CHLOR-P

Avocados, Grapes and Maize 14 days
Brassicas and Fodder Crops (including Fodder Beet) 7 days
Pasture, Ryegrass 7 days
Cereals (Grain Harvest) 8 weeks
Kiwifruit Do NOT apply after bud cracking (first visible petals)
Lucerne 7 days
Onions 7 days
Pepfruit and Stonefruit Do NOT use after the start of flowering
Squash 10 days
Export Crops Contact your exporter or industry crop adviser.
### A) BROAD ACRE CROPS

<table>
<thead>
<tr>
<th>Crop</th>
<th>Insects Controlled</th>
<th>Rates of Use / ha</th>
<th>Critical Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grasses and Fodder Crops</td>
<td>Aphids</td>
<td>500 – 400 mL in 100 – 200 L/ha water</td>
<td>Apply as necessary.</td>
</tr>
<tr>
<td></td>
<td>Nysius Wheat Bug</td>
<td>1.25 L in 100 - 200 L/ha water</td>
<td>Apply to seeding crops as soon as damage is apparent or when nymphs can be seen feeding on seedlings.</td>
</tr>
<tr>
<td></td>
<td>Lepidoptera Spots</td>
<td>200 mL in 50 – 200 L/ha water</td>
<td>Apply 1 – 2 days before crop emergence or as soon as damage is first noticed.</td>
</tr>
<tr>
<td>Canola</td>
<td>Aphids (Canola, Rape and Grains)</td>
<td>500 – 400 mL</td>
<td>Apply at the first sign of infestation. Use the high rate on tall leafy crops. Do not apply less than 3.0 L/ha on mature canola.</td>
</tr>
<tr>
<td></td>
<td>Argentine Stem Weevil</td>
<td>1.25 L</td>
<td>Apply as soon as eggs are present on the lower leaf sheath.</td>
</tr>
<tr>
<td></td>
<td>Fodder Beet</td>
<td>Nysius Wheat Bug</td>
<td>1.25 L</td>
</tr>
<tr>
<td></td>
<td>Lucerne</td>
<td>300 – 450 mL</td>
<td>Apply as soon as aphids appear. Use the lower rate on short crops with little leaf, and the higher rate on tall leafy crops. Do NOT spray plants in flower.</td>
</tr>
</tbody>
</table>
| | Safflower | 600 – 800 mL | To control adults, apply in mid – late May, after flowering has finished. DoNot apply less than 1.0 litre/ha. Use a non-ionic wetting agent. For total control 2 applications are required. Apply at mid-April green up. 10 days must have passed from the last application of a dormant lime sulphur. Apply at less than 3.0 litres/ha on mature trees. For Stonefruit, apply at bud movement with a recommended spray oil. |}

### B) HORTICULTURAL CROPS

<table>
<thead>
<tr>
<th>Crop</th>
<th>Insects Controlled</th>
<th>Rates of Use / ha</th>
<th>Critical Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Apple, Pear, and Plum</td>
<td>1.25 – 1.5 L in 100 – 200 L/ha water</td>
<td>Apply to short dry pasture between April – June at the first sign of pasture damage. Remove hay and pasture prior to spraying to expose the grubs. Use the lower rate when grubs numbers are high.</td>
</tr>
<tr>
<td></td>
<td>Beefsteak</td>
<td>200 mL</td>
<td>Apply at the first sign of damage, usually where excess surface water or flooding has occurred.</td>
</tr>
<tr>
<td></td>
<td>Kiwifruit</td>
<td>Greedy Scale and Leafroller</td>
<td>300 mL</td>
</tr>
</tbody>
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