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

TITAN
Clodinafop 240 EC
Herbicide

ACTIVE CONSTITUENTS: 240g/L CLODINAFOP-PROPARGYL
60g/L CLOQUINTOCET-MEXYL
SOLVENTS: 575g/L LIQUID HYDROCARBONS
100g/L N-METHYL-2-PYRROLIDONE

FOR THE CONTROL OF WILD OATS, PARADOXA GRASS (ANNUAL PHALARIS), CANARY GRASS AND ANNUAL RYEGRASS IN WHEAT.
HIGHLY ACTIVE ON WILD OATS AND CAN BE MIXED WITH MANY BROADLEAF HERBICIDES.

IMPORTANT: READ THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT.

APVMA Approval No.: 65702/51630
Contents: 1L, 5L, 10L, 20L

TITAN AG Pty Ltd
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IN A TRANSPORT EMERGENCY
DIAL 000
POLICE OR FIRE BRIGADE

TRANSPORT AND HANDLING
NOT A DANGEROUS GOOD
ACCORDING TO THE AUSTRALIAN DANGEROUS GOODS (ADG) CODE
FOR TRANSPORT BY ROAD AND RAIL.
### DIRECTIONS FOR USE

**Restraints:**
- DO NOT apply if rainfall is expected within 2 hours.
- DO NOT apply to weeds or crops that are under stress. For example, due to very dry, very wet, frosty or diseased conditions, nutrient deficiency or high insect pressure.
- DO NOT apply to weeds or crops immediately after a prolonged period of frosts.
- DO NOT apply under poor growing conditions.

### CROP

<table>
<thead>
<tr>
<th>CROP</th>
<th>WEEDS CONTROLLED</th>
<th>STATE</th>
<th>RATE PER HA</th>
<th>WEED GROWTH STAGE</th>
<th>CRITICAL COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheat</td>
<td>Wild Oats</td>
<td>QLD, NShn, NSW only</td>
<td>65mL + 1L of D-C-Trate oil or 500mL Dasher* or Infuse* oil per 100L of water</td>
<td>2 to 5 leaf</td>
<td>NOT TO BE TANK MIXED WITH BROADLEAF HERBICIDES AT THESE RATES. Apply at 85mL/ha when weeds are not actively growing. Where low water volumes are used, DO NOT use less than the minimum oil volumes specified (See Minimum Oil Volumes).</td>
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<td>85mL + 1L of D-C-Trate oil or 500mL Dasher* or Infuse* oil per 100L of water</td>
<td>2 to 5 leaf</td>
<td>Cold water: Under cold water conditions (10°C or less), use Dasher instead of D-C Trate or Infuse.</td>
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<td>125mL + 1L of D-C-Trate oil or 500mL Dasher* or Infuse* oil per 100L of water</td>
<td>2 leaf to mid tillering</td>
<td>MAY BE TANK MIXED WITH COMPATIBLE HERBICIDES. Apply in mixtures for broadleaf weed control only when weeds are actively growing. When mixing TITAN Clodinafop 240 EC Herbicide with certain broadleaf weed herbicides some reduction in grass weed control may occur. Unless otherwise specified always use D-C Trate, Infuse or Dasher when tank mixing broadleaf herbicides. Apply at 125mL/ha when weeds are not actively growing. Where low water volumes are used, DO NOT use less than the minimum oil volumes specified (See Minimum Oil Volumes). Cold water: Under cold water conditions (10°C or less), use Dasher instead of D-C Trate or Infuse.</td>
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<tr>
<td></td>
<td></td>
<td>QLD, NShn, VIC, SA only</td>
<td>65mL + 1L of D-C-Trate oil or 500mL Dasher* or Infuse* oil per 100L of water</td>
<td>2 to 5 leaf</td>
<td>MAY BE TANK MIXED WITH COMPATIBLE HERBICIDES. Apply in mixtures for broadleaf weed control only when weeds are actively growing. When mixing TITAN Clodinafop 240 EC Herbicide with certain broadleaf weed herbicides some reduction in grass weed control may occur. Refer to compatibility chart for specific rates for tank mixes. Unless otherwise specified always use D-C Trate, Infuse or Dasher when tank mixing broadleaf herbicides. Apply at 85mL/ha when weeds are not actively growing. Where low water volumes are used, DO NOT use less than the minimum oil volumes specified (See Minimum Oil Volumes). Cold water: Under cold water conditions (10°C or less), use Dasher instead of D-C Trate or Infuse.</td>
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<td></td>
<td></td>
<td>QLD, NSW, VIC, WA only</td>
<td>85mL + 1L of D-C-Trate oil or 500mL Dasher* or Infuse* oil per 100L of water</td>
<td>2 leaf to mid tillering</td>
<td>MAY BE TANK MIXED WITH COMPATIBLE HERBICIDES. Apply in mixtures for broadleaf weed control only when weeds are actively growing. When mixing TITAN Clodinafop 240 EC Herbicide with certain broadleaf weed herbicides some reduction in grass weed control may occur. Refer to compatibility chart for specific rates for tank mixes. Unless otherwise specified always use D-C Trate, Infuse or Dasher when tank mixing broadleaf herbicides. Apply at 85mL/ha when weeds are not actively growing. Where low water volumes are used, DO NOT use less than the minimum oil volumes specified (See Minimum Oil Volumes). Cold water: Under cold water conditions (10°C or less), use Dasher instead of D-C Trate or Infuse.</td>
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<tr>
<td></td>
<td>Paradoxa Grass (Phalaris paradoxa), Canary Grass (Phalaris minor)</td>
<td>QLD, NSW, VIC, SA only</td>
<td>85mL + 1L of D-C-Trate oil or 500mL Dasher* or Infuse* oil per 100L of water</td>
<td>2 to 3 leaf</td>
<td>NOT TO BE TANK MIXED WITH BROADLEAF HERBICIDES AT BELOW 160mL/ha. Apply in mixtures for broadleaf weed control only when weeds are actively growing. When mixing TITAN Clodinafop 240 EC Herbicide with certain broadleaf weed herbicides some reduction in grass weed control may occur. Refer to compatibility chart for specific rates for tank mixes. Unless otherwise specified always use D-C Trate, Infuse or Dasher when tank mixing broadleaf herbicides. Apply at 160mL/ha when weeds are not actively growing. Where low water volumes are used, DO NOT use less than the minimum oil volumes specified (See Minimum Oil Volumes). Cold water: Under cold water conditions (10°C or less), use Dasher instead of D-C Trate or Infuse.</td>
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<td></td>
<td>Annual Ryegrass</td>
<td>NSW, VIC, SA, WA only</td>
<td>160mL + 1L of D-C-Trate oil or 500mL Dasher* or Infuse* oil per 100L of water</td>
<td>2 leaf to early tillering</td>
<td>MAY BE TANK MIXED WITH COMPATIBLE HERBICIDES. Apply in mixtures for broadleaf weed control only when weeds are actively growing. When mixing TITAN Clodinafop 240 EC Herbicide with certain broadleaf weed herbicides some reduction in grass weed control may occur. Refer to compatibility chart for specific rates for tank mixes. Unless otherwise specified always use D-C Trate, Infuse or Dasher when tank mixing broadleaf herbicides. Apply at 210mL/ha when weeds are not actively growing. Where low water volumes are used, DO NOT use less than the minimum oil volumes specified (See Minimum Oil Volumes). Cold water: Under cold water conditions (10°C or less), use Dasher instead of D-C Trate or Infuse.</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:**
- HAY/STRAW: WITHHOLDING PERIOD NOT REQUIRED WHEN USED AS DIRECTED.
- HARVESTED GRAIN: WITHHOLDING PERIOD NOT REQUIRED WHEN USED AS DIRECTED.
- ANIMAL GRAZING/FEEDING: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 4 WEEKS AFTER APPLICATION.

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**TITAN CLODINAFOP 240 EC HERBICIDE • PAGE 2 OF 3**
FAT (lipid) synthesis, or inhibitors of acetyl CoA carboxylase. Mode of action. For weed naturally-occurring weed biotypes resistant to TITAN Clodinafop 240 EC Herbicide and other TITAN Clodinafop 240 EC Herbicide has the inhibition of aryloxyphenoxypropionate (‘fop’) group of herbicides. RESISTANT WEEDS WARNING TITAN Clodinafop 240 EC Herbicide • PAGE 3 OF 3 Since the occurrence of resistant weeds is difficult to detect prior to use, Chemforce Australia accepts no liability for any losses that may result from the failure of TITAN Clodinafop 240 EC Herbicide to control resistant weeds. Weed biotypes resistant to diclofop-methyl and other ‘grass specific’ herbicides can also often be resistant to TITAN Clodinafop 240 EC Herbicide. Before using TITAN Clodinafop 240 EC Herbicide on a population resistant to or suspected to be resistant to ‘grass specific’ herbicides, have a resistance test conducted to ensure that it is susceptible to TITAN Clodinafop 240 EC Herbicide. Large numbers of healthy surviving weeds can be an indication that resistance is developing. Efforts should be made to prevent seed set of the surviving weeds. DO NOT make more than one application of a Group A herbicide with the inhibition of fat (lipid) synthesis (or inhibitors of acetyl CoA carboxylase) mode-of-action to a crop in the same season. If the user suspects that the target weed population is resistant to herbicides with this mode of action, TITAN Clodinafop 240 EC Herbicide or other Group A herbicides should not be used. Strategies to minimize the risk of herbicide resistance are available. The above recommendations should be incorporated into an Integrated Weed Management (IWM) Program. Consult your local vendor, chemical supplier, consultant, local Department of Agriculture or Primary Industries, or local TITAN representative for details.

MIXING

Fill the spray tank to one quarter full. Then add TITAN Clodinafop 240 EC Herbicide while adding water to make up the final spray volume. Pour TITAN Clodinafop 240 EC Herbicide under the agitator at the time of spraying. Good agitation will ensure the chemical is well mixed in the tank. After using TITAN Clodinafop 240 EC Herbicide is added to the tank will ensure good mixing. Add the required amount of D-C-Trate*, Dasher*, or Infuse* oil just before the tank is full of water and with the agitators in motion.

MIXING order

Some products may react with other products if they are not mixed in the correct order. The general mixing order of products should be —

1. Water conditions or buffer
2. Water dispersible granules (WG)
3. Wettable powders (WP)
4. Flowable or suspension concentrates (SC)
5. Emulsifiable concentrates (EC) (TITAN Clodinafop 240 EC Herbicide)
6. Water based or soluble concentrates
7. Oils and wetters — eg Dasher, Cropwell

It is important to ensure that each individual component of the tank mix is fully dissolved and in solution before the next product is added to the tank mix, otherwise mixing problems may occur.

Minimum Oil Volumes

The minimum amount of oil to be applied with TITAN Clodinafop 240 EC Herbicide will depend on the type of oil used. When applying TITAN Clodinafop 240 EC Herbicide using low water volumes, DO NOT use less than the minimum oil volumes specified below:

- For oils normally applied at 1% v/v (eg D-C-Trate, DDT), DO NOT apply less than 500mL oil/ha.
- For oils normally applied at 0.5% v/v (eg Dasher), DO NOT apply less than 250mL oil/ha.

CLEANING SPRAY TANKS

After using TITAN Clodinafop 240 EC Herbicide, empty the tank completely and drain the whole system.Thoroughly wash inside the tank using a pressure hose, drain the tank and clean any filters in the tank, pump, line and nozzles.

To rinse: After cleaning the tank as above, quarter fill the tank with clean water and circulate through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.

To decontaminate: Before spraying cereals (except wheat), maize, sorghum or other sensitive crops, wash the tank and rinse the system as above. Drain and repeat the rinsing procedure. Then quarter fill the tank and add a liquid alkali detergent (eg. SURF, MÖR, DRIVE) at 0.5 L/100 L of water and circulate throughout the system for at least fifteen minutes. Drain the whole system. Remove filters and nozzles and clean them separately. Finally flush the system with clean water and allow to drain. Dispose of all water used for cleaning in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots.

APPLICATION

Ground Application: Boom spray with flat fan nozzles. Ensure good spray coverage is obtained. Apply using 50 to 110L water per hectare. The ideal droplet size is 200 to 300 microns VMD.

Aircraft Application: For best results apply 20 to 50L water per hectare and spray at 2m to 3m above the crop. Ideal droplet size is 250 to 350 micron VMD. For rotary atomizers (microns) this can be achieved using blade angles of 55° to 65°. Where booms and nozzles are attached, flat fan nozzles with a spray angle of 65° to 90° should be used. Avoid applying TITAN Clodinafop 240 EC Herbicide if wind speeds are greater than 5m/sec. If spray equipment is used, check droplet size regularly.

COMPATABILITY

When TITAN Clodinafop 240 EC Herbicide is applied with compatible herbicides always use a recommended oil. Only use a 100% non-ionic surfactant when mixing with diffusenization buffers.

Grass Herbicides: TITAN Clodinafop 240 EC Herbicide is compatible with diclofop methyl.

Broadleaf Herbicides: Some broadleaf herbicides are incompatible with TITAN Clodinafop 240 EC Herbicide because they reduce the effectiveness of TITAN Clodinafop 240 EC Herbicide or because in mixture they may cause crop yellowing. For the latest information on compatibility of TITAN Clodinafop 240 EC Herbicide with broadleaf herbicides refer to your reseller or TITAN AG Pty Ltd. Incompatible:

The following herbicides are known to be incompatible with TITAN Clodinafop 240 EC Herbicide: Diuron, Thalysuluron, bromoxynil + dicamba + MCPA and all 2,4-D formulations. These products are not compatible with TITAN Clodinafop 240 EC Herbicide, must be applied separately. In this situation, apply TITAN Clodinafop 240 EC Herbicide first and then allow at least 10 days between its application and application of the broadleaf weed herbicide.

Ingredients: TITAN Clodinafop 240 EC Herbicide is compatible with methidathion.

PRECAUTIONS

Re-entry Period: DO NOT enter treated areas without protective clothing until the spray has dried.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply on or near shrubs, trees, lawns or crop other than wheat. DO NOT drain or flush equipment in or near natural or arable crops or other plants. DO NOT allow their roots may extend or in situations where by movement of soil by or by seepage absorption of the herbicide may occur. DO NOT apply under meteorological conditions or from spraying equipment which could be expected to cause spray to drift onto nearby susceptible plants, adjacent crops, crowd lands or pastures. DO NOT allow spray to drift onto adjacent fallow land.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT apply to irrigation drains or channels. DO NOT contaminate dams, streams, creeks and rivers with the chemical, spray mixture, used containers or equipment washings.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to 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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes and skin. Repeated exposure may cause allergic disorders. Avoid inhaling spray mist. Avoid contact with eyes and skin. When opening the container, preparing spray and using the product wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), a washable hat, elbow-length butyl rubber gloves; and face shield or goggles. If product gets on skin, immediately wash area with soap and water. If product gets in eyes, wash eyes 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, face shield or goggles and contaminated clothing.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

SAFETY DATA SHEET

Additional information is listed in the safety data sheet (SDS). A safety data sheet for TITAN Clodinafop 240 EC Herbicide is available from TITAN AG Pty Ltd on request. Call Customer Service on (02) 9999 6655 or visit www.titanag.com.au

CONDITIONS OF SALE:

TITAN AG Pty Ltd shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or however arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The product of this supply is on the express condition that the purchaser does not rely on TITAN AG’s skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of TITAN AG Pty Ltd has any authority to add to or alter these conditions.

• Other trademarks

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: Combustible liquid. May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways. Very toxic to aquatic life with long lasting effects. Precautionary: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment. Contaminated work clothing should not be allowed out of the workplace. IF SWALLOWED: immediately call a POISON CENTER/doctor. Specific treatment (see on this label). If skin irritation or rash occurs: Get medical advice/attention. Get medical advice/attention if you feel unwell. Do NOT induce vomiting. In case of fire: Use for extinction: CO2, powder or water spray. IF ON SKIN: Wash with plenty of water. Collect spillage. Take off any contaminated clothing and wash it before reuse. Store locked up. Store in a well-ventilated place. Keep cool. Dispose of contents/container in accordance with local/regional/national regulations.