

CAUTION

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

CONQUEST AVALANCHE 750 WG HERBICIDE

ACTIVE CONSTITUENT: 750 g/kg METRIBUZIN

GROUP C HERBICIDE

For selective weed control in cereals, pastures and other crops,
including vegetables as indicated in the Directions for use.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

NET CONTENTS: **10 kg**
 5 kg

Conquest Agrochemicals Pty Ltd.

ABN 84 098 814 932

Unit 1, 46 Hasler Road

Osborne Park WA 6017

Telephone (08) 9347 0500

Facsimile: (08) 9347 0551

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, well-ventilated area, as cool as possible. Do not store for prolonged periods in direct sunlight. Keep from contact with fertilisers, insecticides, fungicides and seeds.

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 500 mm 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. May irritate eyes and skin. Avoid contact with eyes and skin. Do not inhale dust or spray mist. Wash hands after use.

FIRST AID

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

MATERIAL SAFETY DATA SHEETS

For further information refer to the Material Safety Data Sheet available from the supplier.

CONDITIONS OF SALE

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

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| In a Transport Emergency Dial 000 Police or Fire Brigade | SPECIALIST ADVICE IN EMERGENCY ONLY 1800 033 111 ALL HOURS AUSTRALIA WIDE |
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Unit 1, 46 Hasler Road

Osborne Park WA 6017

Telephone (08) 9244 1268

Facsimile: (08) 9204 2831

DIRECTIONS FOR USE**RESTRAINTS:**

- DO NOT** apply to crops that are stressed by any cause (such as severe weather conditions, waterlogging, drought, excessive soil acidity, or alkalinity, poor nutrient status, disease, nematodes or insect damage) as crop injury may result.
- Wheat:** For pre-emergent applications use **ONLY** on 'Recognised Metribuzin Tolerant Varieties' such as Blade and EGA Eagle Rock. Damage may and will occur on non tolerant varieties or on varieties not claimed to have metribuzin tolerance.
- Barely:** **DO NOT** apply to crops grown on sandy soils or soils low in organic matter.
DO NOT apply to Harrington or Morrell varieties.
- Peas (field & green):** **DO NOT** apply to Laura, Pennant or White Brunswick varieties as phytotoxicity may occur.
DO NOT apply any later than the one node stage to Alma and Dinkum peas.
DO NOT spray pea crops in soils or areas where collar or stem rot is likely to occur.
- Potatoes:** **DO NOT** apply to crops grown on sandy soils as injury to the crop may result appearing as a chlorosis or minor necrosis.
DO NOT apply to Kurell potatoes as phytotoxicity may occur.
DO NOT apply to Atlantic and Pontiac varieties – WA only.
DO NOT use on dry-grown non-irrigated crops.
- Soybeans:** **DO NOT** use on varieties Cannapolis, Hill & Semstar as crop injury may occur.
DO NOT use on soils with a calcareous surface layer as crop injury may occur.
DO NOT apply over atrazine residues as crop injury may result.
DO NOT apply in combination with soil applied organophosphate insecticides as crop injury may result.
DO NOT apply to soils with less than 0.5% organic matter as crop injury may result.
DO NOT apply to dryland soybeans.
DO NOT apply to soils of pH greater than 8, which are prone to water logging as crop injury may occur.
- Lupins:** **DO NOT** apply to varieties Danja, Kiev Mutant or Albus Lupins.
DO NOT apply to lupin crops that have received 2.5 litres or more of Simazine pre-seeding, or lupin crops that are showing symptoms of Simazine or Atrazine damage.

| Crop | Weeds Controlled | State(s) | Rate g/ha | Critical Comments |
|---|--|--------------------------------------|---|--|
| Barley | Capeweed, Catsear, Charlock, Chickweed, Common Cotula, Corn Gromwell (Sheepweed, White ironweed), Corn Spurry, Creeping Speedwell, Crown beard (Dogweed), Deadnettle (<i>Henbit, Lamium spp.</i>), Dock seedlings, Fat-hen, Field Madder, Fumitory, Hare's Ear (Treacle Mustard), Heliotrope, Hogweed (Wireweed), Horehound, Indian Hedge Mustard, Lesser Swinecress, Mouse-ear Chickweed, Mountain Sorrel (Purple Calandrinia), Rough Poppy, Scarlet Pimpernel, Scrub Nettle (Stinging Nettle), Shepherd's Purse, Sorrel seedlings, Sow Thistle, Spiny Emex (Doublegee, Three Cornered Jack(s), Storksbill, Toad Rush, Wild Radish, Wild Turnip, Winter Grass, Yellow Burrweed. | Vic and Tas only | 180g (Light sandy soils, i.e. sandy loams to loamy sands) 280g (Medium soils, loams, silt plus clay 40-60%) 380g (Heavy soils, clay loams, silt plus clay over 60%) | Apply to moist soil while weeds are young and actively growing and barley plants are at the 5-leaf stage. DO NOT use on barley grown on alkaline light sandy soils with a pH over 7. DO NOT use on barley grown on light sandy soils (TAS). |
| | Buxbaum's Speedwell, Powell's Amaranth, Stagger weed, Sun Spurge, Great Brome | Tas only | | |
| Barley All varieties except Morrell | Cape weed, Common Cotula, Fumitory, Indian Hedge Mustard, Hogweed (Wireweed), spiny Emex (Doublegee, Three Cornered jacks(s)), Toad Rush, Wild Radish, Wild Turnip, Broome Grass (<i>Bromus diandrus, B. rigidus</i>), Annual Ryegrass, Barley grass | WA only Sandy or Sandy loam soils | 135-140g plus trifluralin 480 @ 1L/ha and incorporated by sowing (IBS) | DO NOT use for Morrell Barley. Use the lower rate for lighter soil and increase for loam soils. Best results in moist soils. Sow below herbicide depth in high weed burdens (>100/m) there may be reduced efficacy. Crop safety is improved and weed control more reliable when IBS and trailing harrows are used. Ensure Conquest Avalanche 750 WG Herbicide is fully dispersed in the spray tank prior to trifluralin 480 addition. Refer to the application section of this and the trifluralin 480 label for complete instructions on the product use. |
| Chick Peas, Faba Beans, Lentils, Vetch | Refer to Barley Section | WA, SA & VIC only | 180g Light soils (Light sand to light sandy loams) 280g Medium soils (Loams, silt plus clay 40-60%) 380g Heavy soil (clay loams, silt plus clay over 60%) | Crop: Apply post sowing, pre-emergence at least 5cm deep. DO NOT apply post-emergence as crop injury will occur. Weeds: Weeds should be from pre-emergence to 3-leaf stage except Wireweed (Hogweed), which should not be beyond the cotyledon stage. Best results for grass and Wireweed control are obtained when rain or irrigation follows within a few days of spraying. |

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| Lupins | Capeweed, Doublegee, Wild Radish | WA only | 100-150g plus 100mL Conquest Defcon | For use on varieties Gungurru, Meritt, Myallie and Kalya only. DO NOT use on Danja, Kiev Mutant or Albus lupins. Suppression of larger Doublegee only. Wild Radish weed sizes up to 250 mm only. Apply to actively growing Lupins from the 3-4 leaf stage onwards. Use higher rates for heavy weed burden and larger weed size. Apply before weeds are covered by crop canopy. Do not apply wetting agents or spray oils with this mixture. Some transient leaf burn may occur after application but will not affect yield. Best results are obtained if good soil moisture exists at, and received soon after application. Results may be less effective south of the Great Eastern Highway. Refer to critical comments section on the Conquest Defcon label. |
| Peas (Field and Green) (NOT Snow Peas) | Refer to Barley section Plus: Buchan weed, Ball Mustard, Fog grass (SA only), Dwarf Nettle (Tas only). Suppression only: Subclover and Docks (Broadleaved Dock – Tas Only), Wild Oats | NSW, VIC, SA & Tas only | 180g (Light sandy soils, i.e. Mallee soils) 280g (Medium soils-loams, silt plus clay 40-60%) 380g (Heavy soil, clay loams, silt plus clay 60%) 470g (Koo-wee-rup swamp and volcanic soils) | Crop: Sow crop 3-4cm deep. Apply after rain when crop is pre-emergence to 3-node stage. For pre-emergence application allow soil to settle for 2-3 days after sowing before spraying. For post-emergence apply to moist soil within 6 weeks of sowing while weeds are young and actively growing. DO NOT spray crops affected with collar or stem rot. Weeds: Weeds should be from pre-emergence to 3-leaf stage except Wireweed (Hogweed), which should not be beyond the cotyledon stage. Best results for grass and Wireweed control are obtained when rain or irrigation follows within a few days of spraying. |
| | | Qld only | 470g | Apply to medium soils. |
| | | | 700g | Apply to soils high in clay or organic matter content where grass weeds are a problem. |
| Green Peas (Post-emergence) (NOT Snow Peas) | | WA only | 370-470g | Refer to Critical Comments for Peas (Field and Green) |
| Potatoes | | ACT, NSW, VIC, SA, TAS & WA only | 470g | Apply after rain or irrigation when crop has no more than 6 leaves or is no more than 10cm high (many plants may be smaller). CROPS HILLED OR MOULDED UP – hill or mould up as the crop emerges. Apply 1-4 weeks later as soon as weed seedlings have emerged. If surface crusting is not a problem no further cultivation should be necessary. CROPS NOT HILLED AT OR SOON AFTER PLANTING – spray when weeds seedlings have emerged. No cultivation should be necessary until crop is ready for final hilling. Additional cultivation may be necessary when surface crusting is a problem. |
| | | | 700g | Where summer grasses are a problem. |
| | | VIC, Bellarine Peninsula only | 280-370g | Apply to winter crops on light soils only. |
| | | Qld only (Winter Crop) | 470g | Apply at first emergence of potatoes to control broadleaved weeds. |
| | | Sth Qld only (Summer Crop) | 470-950g | Where summer grasses such as <i>Echinochloa crus-galli</i> , <i>Eleusine</i> , <i>Digitaria</i> and <i>Panicum spp.</i> are a problem. |
| | | Qld only Atherton Tablelands | 950g | Apply to summer crops at first emergence of potatoes to control broadleaved weeds and more troublesome grasses such as <i>Eleusine</i> , <i>Digitaria</i> and <i>Panicum spp.</i> |

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| Irrigated Soybeans | Apple-of-Peru, Cobbler's Pegs, Pigweed, Noogoora burr, Common Thornapple, summer grass, Caltrop | ACT, NSW, NT only | 500g | Apply pre-plant incorporated. Where grass weeds other than Summer grass are a problem apply in combination with recommended rates of trifluralin 480 (Refer to trifluralin 480 label for Directions of Use and incorporation techniques). Use only on soils classified as silty clay-heavy clay. |
| Irrigated Soybeans (Variety Davis only) | Refer to weeds listed for soybeans plus Anoda weed, Awnless Barnyard grass. Suppression only of Bellvine. | Qld, NT only | 750g | |
| Tomatoes Inter-row spaces of furrow irrigated tomatoes | Refer to Pea section plus: Barnyard grass, Summer grass, Crowsfoot grass, Blackberry Nightshade, Pigweed, Black Pigweed, Bull's head Green Summer grass | Qld, NT only | 950g or 9.5g/100m of row | Apply in a 1-metre band centered on the inter-row either during or shortly after the formation of the final furrow. Apply to soil moist at the surface. DO NOT exceed spraying pressures of 200kPa, as excessive drift will occur. |
| Wheat (Recognised Metribuzin tolerant varieties only eg Blade & Eagle Rock) Pre-plant, incorporated by sowing application | Capeweed, Common Cotula, Doublegee, (Three Cornered Jack). Fumitory, Indian Hedge Mustard, Toad Rush, Wild Turnip, Wild Radish, Wireweed. Suppression of Broome Grass (Bromus diandrus, B. rigidus) Suppression of Annual Ryegrass, Barley grass (refer to critical comments) | WA – Great northern region only. Sandy – Sandy loam soils | 200g and incorporated by sowing (IBS) 200g plus Trifluralin 480 at 1 L/Ha | Conquest Avalanche 750 WG Herbicide has increased crop safety and gives more reliable weed control when incorporated by sowing and trailing harrows. Apply to moist soil for best efficacy. Reduced grass control may occur under high weed burdens (>100/m ²) To achieve good control of Annual Ryegrass and Barley grass, add Trifluralin 480 at 1L/Ha. Ensure Conquest Avalanche 750 WG Herbicide is fully dispersed in the boom spray tank prior to the addition of the Trifluralin 480. Refer to the application section of this and the Trifluralin 480 label for complete instructions on the product use. |
| Wheat & Barley | Toad Rush | ACT, VIC, NSW & SA only | 100 g/ha | Toad Rush should be sprayed at the 2-4 leaf stage for optimum control. Spray when soil moisture plentiful and soil is moist to the surface. Take advantage of dew on the soil surface. |
| Oats | | VIC only | | |
| White Lupins | Buchan weed, Capeweed, Charlock, Chickweed, Deadnettle (<i>Lamium spp.</i>), Fat-hen, Fumitory (Common and Wall Fumitory – Tas), Wireweed (Hogweed), Lesser Swinecress, Purple Calandrinia, Scarlet Pimpernel, Spiny Emex, Corn Spurry (Spurry – Tas), Stinging Nettle (Dwarf Nettle – Tas), Toad Rush, Winter grass, Heliotrope, Wild Radish, Wild Oats, Wild Turnip. Suppression only: Subclover and docks (Broadleaved dock – Tas). | Tas only | 400g | Spring application – Apply after sowing but before crop emerges. |

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIODS

TOMATOES

DO NOT APPLY LATER THAN 21 DAYS BEFORE HARVEST

BARLEY

DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 14 DAYS AFTER

APPLICATION
OTHER CROPS NOT REQUIRED WHEN USED AS DIRECTED

GENERAL INSTRUCTIONS

Conquest Avalanche 750 WG Herbicide is non-corrosive to equipment, non-flammable and non-volatile. The degree of weed control and duration of effect will vary with the amount of Conquest Avalanche 750 WG Herbicide applied, soil texture, rainfall and other conditions.

RESISTANT WEEDS WARNING

GROUP C HERBICIDE

Conquest Avalanche 750 WG Herbicide is a member of the triazinones group of herbicides. Conquest Avalanche 750 WG Herbicide has the inhibitor of photosynthesis at photosystem II mode of action. For weed resistance management Conquest Avalanche 750 WG Herbicide is a group C herbicide.

Some naturally occurring weed biotypes resistant to Conquest Avalanche 750 WG Herbicide and other group C herbicides may exist through normal genetic variability in weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by Conquest Avalanche 750 WG Herbicide or other group C herbicides.

Since the occurrence of resistant weeds is difficult to detect prior to use, Conquest Agrochemicals Pty Ltd accepts no liability for any losses that may result from the failure of Conquest Avalanche 750 WG Herbicide to control resistant weeds. Large numbers of healthy surviving weeds can be an indication that resistance is developing. Efforts should be made to prevent seed set of the survivors.

DO NOT make more than one application of a Group C Herbicide to a crop in the same season, either pre-sowing, incorporated by sowing or post crop and weed emergence. If the user suspects that a Group C Herbicide resistant weed is present, Conquest Avalanche 750 WG Herbicide or other Group C herbicides should not be used.

Strategies to minimise the risk of herbicide resistance are available. Consult your farm chemical supplier, consultant, local Department of Agriculture or Primary Industries or Conquest Agrochemicals Pty Ltd representative.

MIXING

Conquest Avalanche 750 WG Herbicide is to be mixed with water and applied as a spray. Before spraying calibrate equipment to determine the quantity of water necessary to uniformly cover the measured area to be treated. Partially fill the tank with water. Measure the amount of herbicide required for the area to be sprayed, adding this amount of Conquest Avalanche 750 WG Herbicide to the spray tank with the agitation system engaged. Top up to the correct volume with water.

The material must be kept in suspension at all times by continuous agitation.

In tank mixes Conquest Avalanche 750 WG Herbicide must be in suspension before adding the companion herbicide or liquid fertiliser.

PRE-PLANTING INCORPORATED TREATMENT:

Conquest Avalanche 750 WG Herbicide + trifluralin 480.

Add Conquest Avalanche 750 WG Herbicide to water in spray tank with agitator running as above. Maintain agitation then add trifluralin 480 at the recommended rates (refer to trifluralin 480 label).

APPLICATION

General: Best results are obtained if treatment is made to moist soil and moisture is supplied by rainfall or sprinkler irrigation (6-12mm) within 2 weeks after application. If heavy rains occur soon after application, injury to the crop may result.

Aerial Application – (Qld only)

Peas – apply in a minimum of 20 litres water per hectare.

Potatoes – apply in minimum of 50 litres water per hectare. Avoid overlapping of spray swath. Avoid spraying in still conditions and in wind likely to cause drift.

Pre-emergence and Post-emergence (To Crop)

Conquest Avalanche 750 WG Herbicide should be applied when weeds are in the young seedling state (no more than 3 true leaves). Under dry conditions there is no root uptake of Conquest Avalanche 750 WG Herbicide and results against grass weeds and Wireweed (Hogweed) will be poor. Except for small areas, use fixed boom power sprayers set at 200-300kPa (for tomatoes do not exceed 200kPa) and fitted with fan nozzles. Apply a minimum of 80-100L prepared spray/ha. Openings in screens should be equal to or larger than 50 mesh. Agitate by mechanical or hydraulic means in the spray tank. When spraying avoid overlapping. Shut off spray booms while starting, turning, slowing and stopping otherwise crop injury may result.

Pre-plant incorporated - Soybeans only**Conquest Avalanche 750 WG Herbicide alone or in combination with trifluralin 480**

Spray anytime from 4 weeks before sowing until just before sowing. Use fixed boom power sprayers set at 200-300kPa and fitted with fan nozzles. Use 120-500 litres water per hectare. Openings in screens should be equal to or larger than 50 mesh. Agitate by mechanical or hydraulic means in the spray tank. When spraying avoid overlapping. Shut off spray booms while starting, turning, slowing and stopping otherwise crop injury may result.

Conquest Avalanche 750 WG Herbicide alone

If possible spray and incorporate within the same operation. If not possible incorporate spray within 24 hours of application using Go-devil discs or Lilliston Cultivators set to work 5cm deep.

Conquest Avalanche 750 WG Herbicide plus trifluralin 480

After spraying mix into soil within 4 hours. Spray and incorporate during the one operation if possible. (Refer to trifluralin 480 label for specific incorporation details).

SPRAYER CLEANUP

Thoroughly clean all traces of Conquest Avalanche 750 WG Herbicide and/or trifluralin 480 from application equipment immediately after use. Flush tank, pump, hoses and boom with several changes of water after removing nozzle tips and screens (clean these parts separately).

COMPATIBILITY

Conquest Avalanche 750 WG Herbicide is compatible with the herbicides – chlorsulfuron, Metsulfuron-methyl, glyphosate, pendimethalin, propargite, diflufenican and trifluralin 480.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT apply (except as recommended for crop use) or drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots, as injury or loss may occur.

DO NOT plant treated areas to sensitive crops such as brassicas, sunflowers, beetroot, cucurbits, lettuce or onions for at least 6 months following application of Conquest Avalanche 750 WG Herbicide as crop injury may result. Thoroughly work the soil prior to planting of these crops.

Drift Warning: 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, cropping lands or pastures.

TOMATOES

DO NOT plant follow-on crops of cucurbits or capsicums when applying Conquest Avalanche 750 WG Herbicide to autumn plantings.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, well-ventilated area, as cool as possible. Do not store for prolonged periods in direct sunlight. Keep from contact with fertilisers, insecticides, fungicides and seeds.

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 500 mm 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. May irritate eyes and skin. Avoid contact with eyes and skin. Do not inhale dust or spray mist. Wash hands after use.

FIRST AID

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