

CAUTION**KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING****MACSPRED®****Forest Mix®****Water Dispersible Herbicide****ACTIVE CONSTITUENTS: 210 g/kg HEXAZINONE
620 g/kg ATRAZINE****GROUP C HERBICIDE**FOR THE RESIDUAL CONTROL OF A WIDE RANGE OF ANNUAL AND HARD TO KILL PERENNIAL WEEDS
IN *PINUS RADIATA* PLANTATIONS.**MACSPRED PTY LTD**
ABN 85 011 029 495
13 Kennedys Drive
Delacombe Vic 3356
Telephone: (03) 5335 8522**NET CONTENTS: 7.2 kg (4 x 1.8kg)****This pack contains 4 measure packs which it is illegal to sell separately.**

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DIRECTIONS FOR USE

RESTRAINTS - DO NOT use on leached sandy soils, low in organic matter. DO NOT apply to water logged soil. DO NOT apply if heavy rains or storms that are likely to cause run-off are forecast within 2 days of application. If irrigated: DO NOT irrigate to the point of run-off for at least 2 days after application. DO NOT apply product to any drainage line. Drainage lines show evidence of the action of periodically flowing water (for example gravel, pebble, rock or sand bed, scour hole or nick point) and/or an incised channel at least 30cm deep.

DO NOT handle, mix apply or conduct testing operations in areas susceptible to runoff where drainage results in rapid entry into waterways, particularly where no specific action has been taken to prevent runoff into waterways. These areas may include areas mounded perpendicular to the contour, roads, access tracks, snig tracks, and compacted log dumps.

METHOD OF APPLICATION - GROUND AND AIR

CROP AND SITUATION	WEEDS CONTROLLED	STATES	RATE kg/ha	CRITICAL COMMENTS
<i>Pinus radiata</i> Pre Plant Treatment	ANNUALS Flatweed seedlings, thistles, capeweed, ryegrasses, clovers, brome & other grasses	NSW, Vic, SA, WA, Tas only	7.2	Pre Plant Allow 4 weeks before planting. Use on light soils or bare earth or where weed pressure is low. Sorrel and perennial grasses may not be controlled on heavier soils. Add 1kg/ha Hexmac for longer term control or if weeds are present.
<i>Pinus radiata</i> Post Planting Treatment Tree Release Application	HARD TO KILL PERENNIALS Wallaby grass, Serrated tussock, Sorrel, Dandelion. Kangaroo grass & Fleabane (suppression only)			Post Plant Allow 4 weeks after transplanting before application. Add 1kg/ha Hexmac for longer term control or if weeds are present.

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

GRAZING: DO NOT APPLY TO AREAS THAT WILL OR MAY BE GRAZED OR CUT FOR STOCKFOOD WITHIN 28 DAYS AFTER APPLICATION.

MACSPRED FOREST MIX WATER DISPERSIBLE HERBICIDE MAY KILL MANY TREES AND OTHER DESIRABLE PLANTS IF NOT CORRECTLY APPLIED. INSTRUCTIONS GIVEN IN PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT, AND OTHER STATEMENTS ON THIS LABEL, MUST BE FOLLOWED.

GENERAL INSTRUCTIONS

- This product is a water dispersible formulation that mixes readily in water. It is an effective foliar contact and soil residual herbicide.
- For best residual control, apply during periods of active plant growth. Application when vegetation is dormant, semi-dormant, under moisture stress or during winter months may not be as effective.
- In temperate winter rainfall areas where temperatures are generally below 25°C during the period of active growth, overall effect may be slow to appear. For best control of perennials, apply during the months of spring in these areas. In WA and SA apply only during April-August when adequate rainfall is expected.
- Sufficient moisture is required after treatment to promote root absorption by the weed species.
- Results obtained may vary with rainfall, soil types and other conditions.
- DO NOT apply Forest Mix Water Dispersible Herbicide during periods of intense rainfall or under conditions which will cause drift or movement to non-target areas.
- On slopes exceeding 30% DO NOT broadcast apply this product where there is no vegetation or slash, or on uncultivated or non mounded or on bare ground.
- Poor performance may result when applied to soils with high carbon content.

LOADING, APPLICATION AND EQUIPMENT

Macspred Forest Mix Water Dispersible Herbicide is a wettable formulation. The product is mixed with water and applied at the recommended rates by ground or aerial application (see directions for use table).

The product is contained in water soluble bag. It is important that these bags are NOT handled with wet hands or exposed to damp conditions.

Partially fill the spray tank with water and add the appropriate number of bulk bags (these are in pre-measured 0.25 hectare doses). With the agitation system engaged, top up to the correct volume with water. The material should be kept in suspension at all times by continuous agitation.

To prevent nozzle blockage, strainer and screens should be 50 mesh or coarser. DO NOT mix, load or apply this product within 20m of any well, sink hole, intermittent or perennial stream or river.

DO NOT use human flaggers in aerial spraying unless protected by engineering controls such as enclosed cabs.

In plantation forestry, the maximum use rate will be 4.5 kg atrazine active ingredient per hectare per year in sandy soils and those defined as highly erodible, and 8 kg of atrazine active ingredient per hectare per year in clay loams and heavier textured soils.

Pinus radiata

Ground Application – Apply in 100 to 400L water per hectare with a properly calibrated boom.

Aerial Application – Apply in a minimum of 30L water per hectare.

Water volume should be chosen to suit the application site and application ground speed. Use a higher water volume when ground speed is slow due to terrain.

Use a surfactant/wetting agent for preplant applications ONLY. Eg. A non ionic surfactant such as BS1000 at label rates.

DO NOT add a surfactant/ wetting agent in post plant applications or crop injury may occur.

EQUIPMENT CLEANUP

Thoroughly clean all application equipment after use to avoid damage to sensitive species, should the application equipment be used subsequently on other areas.

CROP SAFETYTo avoid death or injury to *Pinus radiata* trees DO NOT apply the product in the following situations:

- On trees which show poor vigour due to disease, or environmental factors such as drought, moisture stress or waterlogging;
- On poorly drained soils;
- On gravelly or rocky soils, and exposed subsoils.

RESISTANT WEEDS WARNING**GROUP C HERBICIDE**

Macspred Forest Mix Water Dispersible Herbicide is a member of the triazines and triazinones group of herbicides. Forest Mix has the Inhibitors of Photosynthesis at Photosystem II mode of action. For weed resistance management Forest Mix is a Group C herbicide.

Some naturally occurring weed biotypes resistant to Forest Mix and other Inhibitors of Photosynthesis at Photosystem II herbicides may exist through normal genetic variability in any 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 Forest Mix or other Inhibitors of Photosynthesis at Photosystem II.

Since the occurrence of resistant weeds is difficult to detect prior to use, Macspred accepts no responsibility for any losses that may result from the failure of Forest Mix or any other Inhibitor of Photosynthesis at Photosystem II to control resistant weeds. Any incidents of resistance must be reported to Macspred.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

- DO NOT APPLY THE PRODUCT ON OR NEAR DESIRABLE TREES OR OTHER PLANTS, OR ON AREAS WHERE THEIR ROOTS MAY EXTEND. AS GUIDANCE, THIS IS TWICE THEIR HEIGHT OR MORE DEPENDING ON THE SPECIES AND OTHER CONDITIONS.
- DO NOT APPLY THE PRODUCT WHERE A SURFACE FLOW OF WATER COULD WASH THE CHEMICAL INTO AREAS WHERE THE ROOTS OF DESIRABLE TREES OR PLANTS MAY EXTEND.
- DO NOT apply under weather conditions, or from spraying equipment, that may cause drift onto nearby susceptible plants/crops, cropping lands or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

- DO NOT use in irrigation channels or in drains where water is discharged onto pastureland or cropland.
- DO NOT empty equipment in the above situations.
- DO NOT apply within 60m of natural or impounded lakes or Agricultural dams, or further if native riverbank vegetation may be damaged (see above for Protection of Native Plants)
- DO NOT apply under meteorological conditions or from equipment which could be expected to cause drift of this product or spray mix into adjacent areas, particularly wetlands, waterbodies or water courses.

STORAGE AND DISPOSAL

- During storage keep from contact with fertilisers, other pesticides and seeds.
- DO NOT re-use container.
- Store in the closed original container in a dry, cool, well ventilated area out of direct sunlight.
- Place entire water soluble bag into the spray tank. Do not dispose of undiluted chemicals on site. Product should not be burnt. Outer cardboard carton may be recycled.

SAFETY DIRECTIONS

Will irritate eyes and skin. Avoid contact with eyes and skin. When opening the container, preparing the spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), and a washable hat and elbow length PVC gloves and face shield or goggles. Do not inhale dust or spray mist. If product on skin, immediately wash area with soap and 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. Users of hand-directed sprayers require in addition chemical-resistant boots.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (TEL: 131126). If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

MATERIAL SAFETY DATA SHEET

If additional hazard information is required refer to the Forest Mix Water Dispersible Herbicide Material Safety Data Sheet available from the supplier.

NOTICE TO BUYER

To the extent permitted by law, all conditions and warranties and statutory or other rights or action which buyer or any other user may have against Macspred or Seller are hereby excluded. Macspred hereby gives Notice to Buyer and other users that it will not accept responsibility for any indirect or consequential loss arising from reliance on product information or advice provided by Macspred or on its behalf unless it is established that such information or advice was provided negligently and that the product has been used strictly as directed. Macspred's liability shall, in all circumstances, be limited to replacement of the product or a refund of the purchase price paid therefor.

APVMA Approval Number: 51532/4x1.8/0409

Batch No:

Date of Manufacture: