



FARMALINX

Brigadier

HERBICIDE

DIRECTIONS FOR USE

RESTRAINTS

DO NOT add water to Brigadier Herbicide.
DO NOT apply to weeds which may be stressed (not actively growing) due to prolonged periods of extreme cold, moisture stress (water-logged or drought affected), poor nutrition, presence of disease, or previous herbicide treatment as reduced levels of control may result.
DO NOT apply to charcoal coated or wet stems as this can repel the diesel mixture.

See **GENERAL INSTRUCTIONS - APPLICATION** section for application method details.
DIRECTIONS FOR USE

AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FENCE LINES, FORESTRY, PASTURES AND RIGHTS-OF-WAY.			
WEEDS CONTROLLED	WEED GROWTH STAGE	RATE/60 L DIESEL	CRITICAL COMMENTS
<i>Acacia</i> spp. including: Black wattle* Brigalow* Hickory wattle* Mimosa bush Mulga* Sally wattle* Silver wattle*	Basal bark method: Plants with stems up to 5 cm basal diameter. Cut Stump method: Plants up to and in excess of basal bark size. Apply immediately after cut is made.	1 L	Ensure all stems on multi-stemmed varieties are treated: Delay treatment until all regrowth on bulldozed or ploughed land has had time to emerge to a height of at least one metre. Root suckering watties will need follow-up treatment.
African boxthorn	Plants up to and in excess of basal bark size. Apply immediately after cut is made.		Treat all stems on multi-stem plants.
Algaroba (<i>Prosopis</i> spp.)			
<i>Angophora</i> spp. regrowth			
Australian blackthorn			This species may become dormant so should not be treated during winter. Regrowth from roots may occur.
Bitterbark		2L	
Broadleaf privet			Treat single stemmed seedling plants only.
Brush box			
Cacti including: Common pest pear Harrisia cactus Prickly pear Snake cactus Tiger pear Tree pear		1L	Apply as an overall spray, wetting all areas of the plant to ground level.
Cockspur thorn*			
Corkwood wattle			Basal bark application only. Species with old, rough bark require more thorough wetting than smooth barked species. Some regrowth may still occur.
<i>Corymbia</i> spp.*			
Ellangowan poison bush			
<i>Eucalyptus</i> spp. regrowth			
False sandalwood			
Green cestrum			
<i>Grevillea</i> spp.			
Groundsel bush			
Guava		2L	Regrowth may occur from roots of the main tree.
Hard milkwood		1L	
Hawthorn			
Heartleaf poison bush			
Honey locust			
Kiteleaf poison			
Leucaena*			
Limebush			
Lantana			Treat single stem plants only.
Narrow leaf hop bush			
Needlewood			
Oleander			
Parkinsonia*			
Punty bush			
Red ash (white myrtle)			
Rubbervine			
Swamp box		2 L	Treat single stemmed seedling plants only.
Sweet briar		1L	Do not treat during winter.
Tea trees			
Turpentine			
Turpentine bush			
Whitewood			
Wild orange			Basal bark treatment only.
Wild peach			
Wild Rosemary			
Wild tobacco tree			Cut stump treatment only.
Wilga			
Yellow bells (<i>Tecoma</i> spp.)			Some root suckering may occur.

AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FENCE LINES, FORESTRY, PASTURES AND RIGHTS-OF-WAY.			
WEEDS CONTROLLED	WEED GROWTH STAGE	RATE/60 L DIESEL	CRITICAL COMMENTS
Camphor laurel	Basal bark method: Plants with stems up to 10 cm basal diameter.	1L	Species that become dormant should not be treated during winter. Basal bark method only.
Peppercorn tree (<i>Schinus molle</i>)			
Prickly acacia	Cut Stump method: Plants up to and in excess of basal bark size.		Basal bark method only.
Sisal hemp	Apply immediately after cut is made.	4 L	Species that become dormant should not be treated during winter. Cut stump method only. Complete control may not occur due to the multi-stem growth of plant and difficulty treating all stems.
Tree of Heaven			
Willow			
Chinee apple	Basal bark method: Plants with stems up to 15 cm basal diameter. Cut stump method: Plants up to and in excess of basal bark size. Apply immediately after cut is made.	1 L	

*The smooth stemmed species *Acacia* spp. (excluding Mimosa bush), Cocksbur thorn, *Corymbia* spp., *Leucaena* and Parkinsonia can be treated using the alternative Brigadier Thinline method for basal bark application. Please refer to the following table.

BRIGADIER THINLINE BASAL BARK APPLICATION FOR SMOOTH STEMMED SPECIES:
See **GENERAL INSTRUCTIONS - APPLICATION** section for application method details.

AGRICULTURAL NON-CROP AREAS, COMMERCIAL AND INDUSTRIAL AREAS, FENCE LINES, FORESTRY, PASTURES AND RIGHTS-OF-WAY.			
WEEDS CONTROLLED	WEED GROWTH STAGE	RATE /10 L DIESEL	CRITICAL COMMENTS
<i>Acacia</i> spp. including: Black wattle Brigalow Hickory wattle Mulga Sally wattle Silver wattle	Basal bark method: Plants with stems up to 5 cm basal diameter	1 L	Spray the bark around the stem from ground level up to 5 cm high. Ensure all stems on multi-stemmed varieties are treated. Delay treatment until all regrowth on bulldozed or ploughed land has had time to emerge to a height of at least one metre. Root suckering watties will need follow-up treatment.
Cockspur thorn			
<i>Corymbia</i> spp.			
<i>Leucaena</i>			
Parkinsonia			

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

FOR NATIVE VEGETATION
Use of Brigadier on native vegetation must be done in accordance with STATE and/or LOCAL legislation.

WITHOLDING PERIODS:
NOT REQUIRED WHEN USED AS DIRECTED.

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CONTINUED OVERLEAF

MSDS
Additional information is listed in the material safety data sheet (MSDS). A material safety data sheet for FARMALINX BRIGADIER Herbicide is available from FARMALINX Pty Ltd on request. Call Customer Service on 02 9389 2455.

FIRST AID
If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131 126. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

SAFETY DIRECTIONS
Harmful if swallowed. Will irritate the eyes, nose, throat and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. Avoid inhalation vapour or spray mist. When opening the container and preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrists, a washable hat and elbow-length neoprene gloves and a face shield. If product on skin, immediately wash area with soap and water. If product in eyes, wash it 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.

SMALL SPILL MANAGEMENT
Wear protective equipment (see SAFETY DIRECTIONS). Apply absorbent material for disposal.
If spill area with an alkali detergent and water and absorb as above the wash liquid for disposal.

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 resistant containers before disposal. Add rinsings to the spray tank. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean container to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available buy the empty packaging and deliver empty packaging to an approved waste management facility. Packaging 500 mm below the surface in a disposal pit specially marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. In compliance with relevant Local, State or Territory government regulation. Do not burn empty containers or product.

PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
Do not contaminate streams, rivers or waterways with the chemical or used containers.
Alongside waterways treat only noxious weeds and poisonous plants.

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GENERAL INSTRUCTIONS
MIXING
Brigadier Herbicide is designed for use with diesel distillate only. It will NOT mix with water.
Quarter fill the spray unit or mixing container with diesel and add the required amount of Brigadier. Add the remaining diesel and shake or agitate thoroughly to mix the contents. Only mix sufficient chemical for each day's work, mixing periodically.

Dilution Table

Rate	Volume of Brigadier Herbicide			
1 L/60 L	17 mL	83 mL	167 mL	250 mL
2 L/60 L	33 mL	167 mL	333 mL	500 mL
4 L/60 L	67 mL	333 mL	667 mL	1L
1 L/10 L	100 mL	500 mL	1L	1.5 L
Volume of Diesel added after Brigadier	Fill to 1L	Fill to 5 L	Fill to 10 L	Fill to 15 L

COMPATIBILITY
Brigadier is compatible with diesel and should not be used or diluted with any other chemicals.

GENERAL APPLICATION
Apply only with hand-directed equipment such as a pneumatic sprayer. The use of diesel as a herbicide carrier may affect the rubber seals in some sprayers. To avoid this, use sprayers, which use Viton® seals and fittings.
Spray equipment should be used at low pressures, up to 200 kPa, to avoid splashing.
Ensure all stems on multi-stemmed varieties are treated. Delay treatment until all regrowth on bulldozed or ploughed land has had time to emerge to a height of at least 1 metre.
Species that lose their leaves e.g. sweet briar; or become dormant, e.g. Australian blackthorn or camphor laurel, should not be treated during winter.
Species with old, rough bark require more thorough wetting than the smooth barked species.

containing, or to be planted to, susceptible crops or plants.
sites where surface water from heavy rain can be expected to run off to areas
DO NOT apply close to, or on, areas containing roots of desirable plants, or
planted with desirable plants.
DO NOT apply when the treated soil may be washed to areas growing, or to be
are to grow.
DO NOT move soil, which has been sprayed, to areas where desirable plants
soil moisture and soil organic matter.
soil for extended periods depending on soil type, rainfall, temperature, humidity,
Picramnia, one of the active ingredients in this product, can remain active in the
and dormant periods.
other broadleaf plants are highly susceptible to Brigadier during both growing
DO NOT use on land to be cultivated for growing sensitive plants. Legumes,
wines, vegetables, cotton, tomatoes, ornamentals, coniferous species and many
DO NOT allow mixture to contact non-target species.
Treat target weeds only. DO NOT allow mixture to contact non-target species.
PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

local Farmalinx representative.
your farm chemical supplier, consultant, local Department of Agriculture, or
Strategies to minimise the risk of herbicide resistance are available. Contact
of Brigadier Herbicide to control resistant weeds.
Farmalinx Pty Ltd accepts no liability for any losses that may result from the failure
Since the occurrence of resistant weeds is difficult to detect prior to use, Farm-
herbicides are used repeatedly. These resistant weeds will not be controlled by
The resistant individuals can eventually dominate the weed population if these
herbicides are used repeatedly. These resistant weeds will not be controlled by
this product or other Group I Herbicides.
DO NOT allow mixture to contact non-target species.
Treat target weeds only. DO NOT allow mixture to contact non-target species.

RESISTANT WEEDS WARNING
Farmalinx Brigadier Herbicide is a member of
GROUP II HERBICIDE

PROTECTION OF LIVESTOCK, WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
Do not contaminate streams, rivers or waterways with the chemical or used
containers.
Alongside waterways treat only noxious weeds and poisonous plants.

DO NOT apply to charcoal coated or wet stems as this can repel the diesel mixture.

Basal Bark Application Method
Dilute the indicated volume of Brigadier Herbicide with diesel up to a total volume of 60 L. Liberally spray the bark around the stem from ground level to 30 cm high, wetting thoroughly to the point of runoff (unless otherwise stated).
Brigadier Thinline basal bark application method: Alternatively, the application band can be reduced to 5 cm high but with the concentration increased proportionally (one part Brigadier diluted with 9 parts diesel) for the treatment of the smooth stemmed woody weed species: *Acacia* spp. (excluding Mimosa bush), Cocksbur thorn, *Corymbia* spp., *Leucaena* and Parkinsonia, also indicated with asterisks in the Directions for Use tables.

Cut Stump Method
Stems should be cut less than 15 cm above ground level.
Immediately apply Brigadier/diesel mixture liberally to the freshly cut stump by spraying the cut surface and sides of the stem.

CLEANING SPRAY EQUIPMENT
Rinse water should be discharged onto a designated disposal area or, if this is unavailable, onto unused land away from desirable plants and watercourses.
After completion of spraying, use a degreaser such as Caltex Kwik-D-Grease® to remove traces of diesel from the sprayer. Rinse tank and spray through nozzles thoroughly with water to remove degreaser.
After the above, quarter fill the tank with clean water and add an alkali detergent, (e.g. liquid SURF®, OMO®, DRIVE®) at 500 mL/100 L of water or the powder equivalent at 500 g/100L of water). If using a concentrated laundry detergent use 250 g (or mL)/100 L water.
Do not use chlorine based cleaners.
Shake the water around the sprayer and spray the solution through the nozzles to thoroughly clean the lines and nozzles. Rinse well with clean water to remove detergent.
To clean brushes and container, spray liberally with degreaser. Hose off thoroughly with water and repeat using detergents (see above).
DO NOT use this equipment for any other purpose.



Partners in Agriculture

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APVMA Approval No. 81480/103194

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

Brigadier

HERBICIDE

ACTIVE CONSTITUENTS:
240 g/L TRICLOPYR present as the butoxyethyl ester
120 g/L PICLORAM present as the isooctyl ester
SOLOVENT: 389 g/L LIQUID HYDROCARBONS

GROUP II HERBICIDE
For selective control of a wide range of woody and noxious weeds in commercial and industrial areas, public lands, fence lines and pastures, by basal bark and cut stump applications as specified in the Directions for Use. IMPORTANT: THIS LEAFLET IS PART OF THE LABEL ATTACHED TO THE CONTAINER. READ THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT.



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