



## DIRECTIONS FOR USE

### RESTRAINTS

DO NOT apply FORGE during periods of intense rainfall or when wind speed exceeds 20 kph (ground and aerial application).  
DO NOT broadcast apply this product where there is no vegetation or slash or on uncultivated areas or non mounded or bare ground on slopes.

### SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at [www.apvma.gov.au/spraydrift](http://www.apvma.gov.au/spraydrift)  
DO NOT allow bystanders to come into contact with the spray cloud.  
DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.  
DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.  
DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

### GROUND AND AERIAL APPLICATION (Foliar Spray Applications)

Forestry Plantations: *Pinus radiata* and *Pinus pinaster*

SITUATION/CROP	WEEDS CONTROLLED	STATE	RATE/ha	CRITICAL COMMENTS
Pre-planting SITE PREPARATIONS Pasture Sites	<i>Parthenium hysterophorus</i>	Qld, NSW, ACT only	1 kg/ha	Apply any time from March through to July. It is recommended to delay planting until planting lines become clearly visible, i.e. when effects of the product are evident. Machine planting is not recommended, as soil disturbance will reduce the residual activity.
	<b>ANNUALS:</b> Flatweeds, Rye grasses, Clovers <b>HARD-TO-KILL PERENNIALS:</b> Wallaby Grass, Serrated Tussock, Sorrel, Dandelion, Kangaroo Grass (Suppression only)	Qld, NSW, ACT, Vic, Tas, SA, WA only	2.5 kg 3.5 - 5 kg	For best results on Woody and Hard to kill weeds, application should be made after weed emergence.  Silver Wattle exceeding 1.5m - suppression only
Native Woodland, Heath & Second Rotation Sites - long term control	<b>WOODY &amp; HARD-TO-KILL WEEDS:</b> Bracken, Varnish Acacia ( <i>Acacia verniciflua</i> ), Sunshine Acacia ( <i>Acacia botrycephala</i> ), Silver Wattle ( <i>Acacia dealbata</i> ), Hop Goodenia ( <i>Goodenia ovata</i> ), Common Cassinia (Dogwood Vic only) ( <i>Cassinia aculeata</i> )		5 kg	
Post-planting TREE RELEASE APPLICATION	<b>ANNUALS:</b> See: "Pre-planting SITE PREPARATIONS - Pasture Sites"  <b>HARD-TO-KILL PERENNIALS:</b> See: "Pre-planting SITE PREPARATIONS - Pasture Sites"		2 kg+ 5 kg Atrazine (900 g/kg)	Apply during July, August, September or October. Allow 8 weeks after transplanting before treatment.  <b>See below</b> Avoid use on <i>Pinus</i> spp. suffering from stress (such as drought or water logging) or when temperatures exceed 25°C. Avoid use on shale soils and exposed subsoils.
Pasture Sites	<b>ANNUAL AND PERENNIAL WEEDS:</b> See: "Pre-planting SITE PREPARATIONS - Pasture Sites"		3.5 - 5 kg	Apply during August, September, October. Allow 8 weeks after transplanting before treatment. <b>* DO NOT apply surfactant/wetting agent when spraying over <i>Pinus</i> spp. trees.</b>
Native Woodland Heath & Second Rotation Sites- long term control	<b>WOODY &amp; HARD -TO-KILL- WEEDS:</b> See: "Pre-planting SITE PREPARATIONS – Native Woodland etc."		5 kg	
Loamy Sands & Sandy Soils	Sorrel, Yorkshire Fog Grass, Annual Ryegrass	SA only	2 - 3.5 kg	Apply during August or September, October. Allow 8 weeks after transplanting before treatment. See above*. Use the lower rate on <i>Pinus</i> spp. to reduce the risk of crop damage.

### FORESTRY SPOTGUN

SITUATION/CROP	WEEDS CONTROLLED	STATES	RATE	CRITICAL COMMENTS
Post-Planting TREE RELEASE APPLICATIONS	<b>ANNUALS</b> Brome Grass, Capeweed, Chickweed, Clovers, Flatweeds, Rye grasses	Qld, NSW, ACT, Vic, Tas, WA only	6 or 12 mL of spray solution/ pine	Mix 1 kg FORGE with 30 L water and apply amount shown/pine. Use the higher rates of FORGE: - when weed pressure is heavy. - when grasses are the major problem.
Pasture sites	<b>HARD TO KILL PERENNIALS:</b> Dandelion, Docks, Paspalum, Ribwort/Plantain, Serrated Tussock, Snow Grass, Sorrel, Wallaby Grass, Yorkshire Fog Grass, Kangaroo Grass (Suppression only).		10 or 12 mL of spray solution/ pine	- for longer term weed control and greater pine growth responses
And				
Native woodland, heath and second rotation sites				Hold Forestry Spotgun (fitted with 120° solid cone nozzle) over the pine (slightly off centre to the central leader) with the nozzle tip 50 cm above the ground when making the application. Apply 1 - 4 months after pines have been transplanted into plantation.

### INDUSTRIAL WEED CONTROL APPLICATIONS

#### GROUND APPLICATION (Foliar Spray Applications)

SITUATION/CROP	WEEDS CONTROLLED	STATES	RATE/ha	CRITICAL COMMENTS
Commercial and industrial areas, rights of way, around agricultural buildings	<b>ANNUAL WEEDS</b> Summer Grass, Barnyard Grass, Love grass, Green Amaranth, Asthma Plant, Common Sida, Common Sow-thistle, Wild Oats, Soft Brome, Great Brome, Medics, Fleabanes, Paterson's Curse (Salvation Jane), Blackberry Nightshade  <b>PERENNIAL WEEDS:</b> Docks, Creeping Buttercup, Ribwort (plantain), Couch Grass ( <i>Cynodon dactylon</i> ), Paspalum, Nutgrass, Kikuyu, Artichoke Thistle, Rhodes Grass, Chicory, Flatweeds	All States	4 - 6 kg	Use the higher rates on heavy soils and soils high in organic matter or carbon; on light soils where rainfall is heavy or on dense established stands of hard to kill species such as paspalum, couch grass ( <i>Cynodon dactylon</i> ), nut grass and kikuyu.
	<i>Parthenium hysterophorus</i>	Qld, NSW, ACT, WA only	6 - 8 kg	
		Vic, SA, Tas only	8 kg	
		Qld, NSW, ACT only	1 kg (Large Areas) 2 g/10 L/20 m <sup>2</sup> (Small areas)	
	Spiny Rush ( <i>Juncus acutus</i> )	Vic only	120 - 180 g/100 L	Gives complete eradication of mature plants only. Seedling plants should be controlled for up to 6 months.

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

**WITHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED**

[www.farmalinx.com](http://www.farmalinx.com)

CONTINUED OVERLEAF

and see a doctor.  
If in eyes, hold eyes open, flood with water for at least 15 minutes.  
Phone Australia 13 11 26, New Zealand 0800 764 766.

If poisoning occurs, contact a doctor or Poisons Information Centre.  
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### FIRST AID

DO NOT contaminate ponds, streams, rivers, watercourses or drains with the chemical or used containers.  
DO NOT apply within 25 m of a recognised waterway, or further if native and other Non-target Plants).  
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DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto non-target vegetation.

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropland or pastures.

DO NOT apply under windy conditions and in areas where spray drift could damage valuable plants.  
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DO NOT drain or flush spray equipment near desirable trees or in areas where their roots may extend.  
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DO NOT apply in areas where a surface flow of water could wash the chemical into areas where roots of desirable trees or plants may extend.  
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DO NOT apply on or near desirable trees or other plants, or on areas where their roots may extend. As guidance this is two times the height, or more depending on the species and other conditions.  
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This product is extremely phytotoxic to *Eccealyptus* spp.  
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DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean and empty contents into spray tank.  
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Store in the closed, original container in a dry, cool, well-ventilated area, out of direct sunlight. DO NOT store or expose product to wet conditions. Keep away from contact with fertilisers, fungicides and other chemicals.

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### SDS

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

**CONDITIONS OF SALE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. No warranty (other than non-excludable statutory warranties) of merchantability or fitness for a particular purpose, express or implied, extends to the use of product contrary to label instructions, or under off-label permits not endorsed by Farmalinx Pty Ltd or under abnormal conditions. Farmalinx Pty Ltd accepts no liability for any loss or damage arising from incorrect storage, handling or use.

**farmalinx**  
Partners in Agriculture

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Website: [www.farmalinx.com](http://www.farmalinx.com)

APVMA Approval No. 86835/135947

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

**Forge**  
FARMALINX

HERBICIDE

ACTIVE CONSTITUENT: 750 g/kg HEXAZINONE

GROUP 5 HERBICIDE

For the control of certain sedges, annual and perennial grasses, broadleaf and woody weeds in *Pinus radiata* and *Pinus pinaster* forests, and industrial weed control situations.

NOTICE (NSW ONLY)  
WITH THE EXCEPTION OF REGROWTH LESS THAN 5 YEARS OLD AND UNDER THREE METRES TALL, THE USE OF THIS PRODUCT FOR THE CONTROL OF WEEDS IN FOREST OR INDUSTRIAL WEED CONTROL SITUATIONS IS PROHIBITED. THIS RESTRICTION DOES NOT APPLY TO WOODY WEEDS AND STEM INJECTION OF TREES.

IMPORTANT: THIS LEAFLET IS PART OF THE LABEL ATTACHED TO THE CONTAINER. READ THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT.

FARMALINX Pty Ltd ABN 95 134 353 245  
Level 25, Suite 2506, Tower 2, 101 Grafton Street,  
Bondi Junction NSW 2022

**farmalinx**

### GENERAL INSTRUCTIONS

Farmalinx FORGE Herbicide is an effective foliar contact and soil active residual herbicide. Use sufficient water for thorough uniform coverage. For best foliar and residual weed control, apply as a post-emergent spray during the periods of active weed growth and when the air temperatures are 25°C and above. Applications when weed vegetation is dormant, semi-dormant, under moisture stress or during the winter months may not be as effective.

In temperate winter rainfall areas where temperatures are generally below 25°C during the period of active plant growth, the foliar effect may be slow to appear. In these areas herbicide activity is more dependent on root absorption.

For residual control, sufficient rainfall is required after treatment to promote root absorption by the weeds. Results obtained may vary with the amount of chemical applied, rainfall, air temperature, soil type and other conditions. All use rates of the product are expressed as overall rates. For band treatment use proportionately less, i.e. use one-third the overall rate when treating one-third of the area.

### Equipment and Application

Farmalinx FORGE Herbicide is a soluble granule formulation. The product is mixed with water and applied at recommended rates with either ground or aerial equipment (dependent on use pattern). Partially fill the spray tank with water and add the correct amount of the product for the area to be sprayed with the agitation system engaged. Top up to correct volume with water, and for best results keep the spray solution agitated whilst spraying. THE MATERIAL MUST BE KEPT IN SUSPENSION AT ALL TIMES BY CONTINUOUS AGITATION. To prevent nozzle blockage, strainer and nozzle screens should be 50 mesh or coarser. When mixing FORGE with atrazine, add FORGE first to spray tank and agitate strongly before adding atrazine.

#### *Pinus* spp. (*Pinus radiata*, *Pinus pinaster*)

**Ground Application** - Apply in 100 to 400 L/ha with a properly calibrated boom.

**Forestry Spotgun** - see Directions for Use - Critical comments  
**Aerial Application** - Apply a minimum of 20 L water for every 1 kg of product used, eg. 5 kg in 100 L of water per hectare. A minimum of 50 L water is required when used with Accuflow (coarse droplet nozzle in helicopters).

Use a surfactant/wetting agent for pre-planting applications only, by either ground or aerial equipment.

A non-ionic surfactant/wetting agent (such as BS 1000) may be added at the rate of 250 - 500 mL/100 L of spray (for a surfactant containing 100 % active constituent) for improved wetting.  
DO NOT add a surfactant if the spray is to be applied over the top of *Pinus* trees.

GROUP 5 HERBICIDE

### RESISTANT WEEDS WARNING

Farmalinx FORGE Herbicide is a member of the triazines group of herbicides. FORGE has the inhibitors of photosynthesis. Mode-of-action. For weed resistance management, FORGE is a Group 5 herbicide. Some naturally-occurring weed biotypes resistant to FORGE and other Group 5 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 FORGE or other Group 5 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Farmalinx Pty Ltd accepts no liability for any losses that may result from the failure of FORGE 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 5 herbicide in the same season.

If the user suspects that a Group 5 resistant weed is present, FORGE or other Group 5 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 local Farmalinx representative.

**Crop safety**  
Because death or injury to trees may result, DO NOT apply after planting in the following situations:  
a) On trees which show poor vigour due to disease, or herbicides which show poor vigour due to drought, moisture stress or waterlogging;  
b) On poorly drained soils;  
c) On gravelly or rocky soils, and exposed subsoils.

Throughly clean all traces of FORGE from application equipment immediately after use. Failure to remove residues may result in damage to sensitive plants in subsequent treated areas.

**Equipment Cleanup**  
Throughly clean all traces of FORGE from application equipment immediately after use. Failure to remove residues may result in damage to sensitive plants in subsequent treated areas.

**Industrial weed control**  
Apply in 100 to 400 L/ha with a properly calibrated boom or 2000 - 4000 L/ha with hand spray equipment. A non-ionic surfactant/wetting agent (such as BS 1000) may be added at the rate of 250 - 500 mL/100 L of spray (for a surfactant containing 100 % active constituent) for improved wetting.