

**CAUTION**

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

# Genfarm Panzer 360 Herbicide



Active Constituent: 360g/L GLYPHOSATE (present at the Isopropylamine Salt)

GROUP	M	HERBICIDE
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**Genfarm Panzer 360 Herbicide** is a non-selective herbicide for the control of many annual, perennial, woody and aquatic weeds as stated in the directions for use.

**IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE**

CONTENTS: 20 LITRES  
(100 LITRES)

**Genfarm (Aust) Pty Ltd**  
Suite 3, Level 1, 64 Talavera Road,  
North Ryde,  
NSW, 2113  
Tel: (02) 9889 5400

## 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 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.

For refillable containers, empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

## SAFETY DIRECTIONS

Product will irritate the eyes and skin. Avoid contact with eyes and skin.

When using controlled droplet applicator wear protective waterproof clothing and impervious footwear. When preparing product for use, wear elbow length PVC gloves and face shield or goggles. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each days 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).

## MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet, which can be obtained from the supplier.

## CONDITIONS OF SALE

The use of this product is beyond the control of Genfarm (Aust) Pty Ltd. No warranty is expressed or implied regarding the suitability or efficiency for any purpose for which it is used by the buyer. Genfarm (Aust) Pty Ltd accepts no responsibility for any consequences resulting from the use of this product. Genfarm (Aust) Pty Ltd will not be held liable for any loss, injury or damage arising from the sale, supply or use of this product, whether through negligence or otherwise. No responsibility will be accepted for any consequences whatsoever resulting from the use of this product.

IN EMERGENCY DIAL <b>000,</b> POLICE OR FIRE BRIGADE	FOR SPECIALIST ADVICE IN AN EMERGENCY CALL <b>1800 033 111</b> <b>(24 HOURS)</b>
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Batch No:

DOM:

APVMA Approval No: 58838/20/0105

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## DIRECTIONS FOR USE

### RESTRAINTS

DO NOT spray if rain is expected within 6 hours. Heavy rainfall within 2 hours of treatment may wash the product from the leaf surface and retreatment may be necessary.

DO NOT add extra surfactant, or mix with other agricultural chemicals, herbicide oils or any other materials unless specifically directed on the label.

### General Uses – For all states unless noted

SITUATION	CRITICAL COMMENTS
AGRICULTURAL AREAS	Genfarm Panzer 360 Herbicide may be used for control of annual and perennial weeds as directed, in agricultural land prior to sowing of any edible or non-edible crop, but NOT prior to transplanting tomato seedlings.
FORESTS	Genfarm Panzer 360 Herbicide may be used prior to establishment of nurseries, for site preparation prior to planting and amongst established trees using a directed or shielded spray, or using selective wiper equipment. DO NOT allow wiper surface to contact any part of the tree. DO NOT allow spray or spray drift to contact foliage or green bark of desirable trees, since severe injury may result.
For general weed control in Domestic areas (Home gardens), Commercial, Industrial and Public Service areas. Agricultural buildings and other farms situations  For specific weeds, brush and woody weeds or unwanted trees, refer to the appropriate Weeds Controlled table.	For the control of many grasses and broadleaf weeds  <b>Rate: 10 ml per Litre of water.</b>  Apply when weeds are actively growing. Apply to ensure complete brown and uniform wetting of foliage. Visible symptoms may take from 3 to 7 days to develop
HORTICULTURAL, VINEYARDS, NUTS (Including Almond, pecan, Macadamia, Pistachio and Walnut), Avocado, Banana, Blueberries, Citrus fruit, Custard apples, Duboisia, Figs - dessert, Guava, Kiwifruit, Litchi, Mango, Monstera - fruit, Nuts Olives, Pawpaw, Persimmons, Pome fruit, Raspberries, Stone fruit, Tea.	Apply as directed or shielded spray or using wiper equipment. DO NOT apply as a spray near trees or vines less than 3 years old unless they are effectively shielded from spray and spray drift. DO NOT allow wiper surface to contact any part of the tree, vine or plant. <b>Citrus fruit, Nuts, Olives and Pome fruit &amp; vegetables</b> DO NOT allow spray or spray drift to contact green bark or stems, canes, laterals, suckers, fresh wounds, foliage or fruit as severe injury may occur. <b>Tea:</b> Apply a maximum of 4L/ha by shielded boom or directed off-centre nozzle or 0.5L/100L by directed handgun or knapsack to avoid application to the crop. All other crops <b>All other crops:</b> DO NOT allow spray or spray drift to contact any part of the plant including the trunk. <b>CAUTION:</b> Where split bark on Kiwifruit and greens stems on Pawpaw occur, extreme care is required. For residual control of annual weeds, Genfarm Panzer 360 Herbicide may be tank-mixed with compatible herbicides, which are labelled for use in the above crops. See Tank Mixtures/Compatibility for directions.

<p>ONIONS Post-plant, Pre-emergence application. (Tas only)</p>	<p>For control of annual weeds and suppression of perennial weeds, including Rope Twitch. Apply Genfarm Panzer 360 Herbicide at 1-3L/ha post-sowing and at least 7 days before crop is due to emerge. DO NOT apply to emerging onion plants, as severe injury will result. Use the lower rate on small, actively growing annual weeds. Increase to the higher rate for larger annual weeds (over 15 cm tall) and for suppression of perennial weeds.</p>
<p>PASTURE</p>	<p>DIRECTED (SPOT) APPLICATION: Genfarm Panzer 360 Herbicide is non-selective and may damage or kill any plant in the sprayed area. Re-treatment and/or pasture improvement may be necessary to restrict seedling re-establishment. SELECTIVE APPLICATION: <b>SEE WIPER EQUIPMENT</b> BOOM APPLICATION: Genfarm Panzer 360 Herbicide may be used to suppress or kill existing pasture species prior to re-seeding or establishment of other crops. Where spot application (spray or wiper) is undertaken, grazing stock need not be removed. <b>CAUTION:</b> Certain plants may be naturally toxic to stock. Where known toxic plants are present DO NOT allow stock to graze until complete browning of treated plants has occurred.</p>
<p>PEANUTS, COTTON, SOYBEANS, SUGARCANE, NAVY BEANS AND CHICKPEAS  Qld, ACT, NSW, only - Application using selective equipment</p>	<p>Wiper Equipment. Apply Genfarm Panzer 360 Herbicide to weeds growing between crop rows or to weeds growing at least 15 cm above the crop. DO NOT allow wiper to contact crop and ensure operating conditions do not allow solution to drip from applicator since severe injury may result. Refer to <b>WIPER EQUIPMENT</b> in the <b>APPLICATION</b> section of the label. Shielded Sprayers (Cotton only). Apply Genfarm Panzer 360 Herbicide to weeds growing between crop rows using a shielded sprayer. Refer to the Weeds Controlled tables for rates of application. DO NOT apply in crops less than 20 cm high. DO NOT allow spray or spray drift to contact any part of the cotton plant as severe injury or destruction may result.</p>
<p>SUGARCANE RATOON SPRAYOUT For control of sugar cane ratoon regrowth (Saccharum Officinale) NSW and QLD only</p>	<p>Apply under good growing conditions only to actively growing ratoons 60-100 cm tall. DO NOT apply if plants are under stress from low moisture or waterlogging. RATE 4-9 L/ha. Use the lower rate for suppression or where cultivation is to follow. Use the higher rate for control.</p>

<p><b>COTTON PRE-HARVEST</b>  For control of Bathurst Burr (<i>Xanthium spinosum</i>) Noogoora but (<i>Xanthium pungens</i>)  Winter annual weeds including Sowthistle (Milk thistle) (<i>Sonchus oleraceus</i>) and seasonal suppression of Nutgrass (<i>Cyperus rotundus</i>).  (NSW and QLD only)</p>	<p><b>DO NOT APPLY TO CROPS INTENDED FOR SEED PRODUCTION.</b> Apply alone or in tank mixtures with Dropp<sub>r</sub> or Harvade. Apply when at least 60% of bolls are open and immature bolls cannot be easily cut with a sharp knife. Where a leafy crop canopy limits spray coverage, reduced weed control can be expected. For best results under these conditions, delay application until canopy re-opens following initial conditioning treatment. Where control of Nutgrass or Noogoora burr is required, treatments should be applied prior to the onset of frosts. When tank-mixed with defoliant, a slightly higher proportion of cotton leaf may be retained, particularly where the higher rate is used. Read and follow all label directions for the tank mix products.  <b>RATE:</b> Apply 2.5 L/ha for Nutgrass control and 1.25-2.5 L/ha for the other weeds. Use the lower rate on light infestations of small weeds, when the crop canopy allows adequate spray coverage of the weeds. Increase to the higher rate when the crop canopy may limit spray coverage, when treating dense infestations, or when treating larger weeds.</p>
<p><b>NON-AGRICULTURAL AREAS</b>  Around buildings, Commercial and Industrial areas, Domestic and public service areas, Right-of-ways.</p>	<p>Genfarm Panzer 360 Herbicide does not provide residual weed control. For residual control of annual weeds, Genfarm Panzer 360 Herbicide may be tank-mixed with certain residual herbicides.  See <b>TANK MIXTURES/COMPATIBILITY</b></p>

## ANNUAL WEEDS - NON-CULTIVATED SITUATIONS FOR ALL STATES

Weeds Controlled		RATE			CRITICAL COMMENTS
		Boom L/ha	Handgun Vol/ 100L	Knapsack per 15L	
Amaranth	<i>Amaranthus spp.</i>	2 - 3L	500 - 700 mL	75 - 100 mL	<p>Apply only to plants, which are actively growing and not suffering from stress.</p> <p>Visible symptoms develop in 3-7 days but complete desiccation may take 20-30 days under cool conditions.</p> <p>Use the lower rate on weeds up to 15 cm in diameter and the higher rate where weeds are over 15 cm in diameter.</p> <p>Genfarm Panzer 360 Herbicide does not provide residual weed control. Repeat treatments may be necessary to control later germinating weeds.</p> <p>For residual control of annual weeds Genfarm Panzer 360 Herbicide may be tank-mixed with certain residual herbicides. (i.e. Atrazine or Simazine Flowable).</p> <p>For Wiper Equipment and Controlled Droplet Applicators see application section.</p>
Barley Grass	<i>Hordeum leporinum</i>				
Barnyard grass	<i>Echinochloa crus-galli.</i>				
Brome grass	<i>Bromus spp.</i>				
Caltrop	<i>Tribulus terrestris</i>				
Canary grass	<i>Phalaris spp.</i> (annual phalaris)				
Capeweed	<i>Arctotheca calendula</i>				
Cereals	(volunteer wheat, barley, oats, sorghum)				
Chickweed	<i>Stellaria media</i>				
Cobbler's pegs	<i>Bidens pilosa</i>				
Deadnettle	<i>Lamium alplexicaule</i>				
Doublegee	<i>Emex australis</i>				
Fumitory	<i>Fumaria officinalis</i> <i>F. muralis</i>				
Ground cherry	<i>Physalis ixocarpa</i>				
Lesser Swinecress	<i>Coronopus didymus</i>				
Liverseed grass	<i>Urochloa panicoides</i>				
Mintweed	<i>Salvia reflexa</i>				
Paradoxa grass	<i>Phalaris paradoxa</i>				
Paterson's Curse	<i>Echium plantagineum</i>				
Pigweed	<i>Portulaca oleracea</i>				
Potato weed	<i>Gallinsoga parviflora</i>				
Ryegrass	<i>Lolium rigidum</i>				
Saffron thistle	<i>Carthamus lanatus</i>				
Silver grass	<i>Vulpia spp.</i>				
Sow thistle	<i>Sonchus oleraceus</i>				
Spear thistle	<i>Cirsium vulgare</i>				
Spiny Burrgrass	<i>Cenchrus spp.</i>				
Spurge	<i>Euphorbia spp.</i>				
Sub. clover	<i>Trifolium subterraneum</i>				
Thornapple	<i>Datura spp.</i>				
Wild Mustard	<i>Sisymbrium officinale</i>				
Wild Oats	<i>Avena spp.</i>				
Wild Turnip	<i>Brassica tournefortii</i>				
Winter Grass	<i>Poa annua</i>				
Variegated thistle	<i>Silybum marianum</i>				

## PERENNIAL WEEDS – NON CULTIVATED SITUATIONS

Weeds Controlled	State	Application Rate			Critical Comments
		Boom L/ha	Handgun/ Knapsack Vol/ 1L	Low Volume Product Water	
Bamboo ( <i>Bambusa spp.</i> )	All States	-	10 mL		Apply to actively growing foliage and/or regrowth, which is between 1m and 2m tall. Cut Stump: Dilute 1:6 ie. mix 1 part Genfarm Panzer 360 Herbicide plus 6 parts water. Cut stems back to 20 cm high, pour mixture down hollow stem or wet the cut.
Bent Grass ( <i>Agrotis spp.</i> )	Vic, Tas only	2.5L	5 mL		Apply to actively growing plants in late spring when they have some seed-head development, but before summer moisture stress. Follow-up management is required. Full disturbance with a tined implement should follow 10-21 days after spraying. Then follow with a summer crop and/or re-seeded pasture or crop in the following autumn.
Blady Grass ( <i>Imperata cylindrica</i> )	Qld, NSW, ACT only	9L	13 mL		Apply to actively growing plants at the early head stage.
Bitou bush/ Bone bush ( <i>Chrysanthemoides monillifera</i> )	Qld, NSW, Vic, Tas, ACT only	-	5 or 10 mL	1:29 or 1:19	Plants must be actively growing. Do not spray bushes under stress. Best results will be achieved during winter when bushes are flowering. As no residual control is provided, further treatment of germinating weed seedlings may be necessary. Use the higher rate (1:19) on bushes over 1.5m high. LOW VOLUME APPLICATION: (eg. Splatter gun, gas gun): Ensure spray contacts all foliage. Use the higher rate (1:19) on bushes over 1.5m high.
Blackberry ( <i>Rubus fruticosus L. egg</i> )	All States	-	10 – 13 mL	-	Apply January to May (flowering to leaf fall). Spray plants which are not under stress to thoroughly wet all foliage but not to cause excessive run off. Use the higher rate for dense, old stands over 2m high. Visible symptoms may not be fully apparent until next season. Burning (after complete brown off), pasture improvement and/or further treatment may be needed to control seedlings and regrowth. The use of CDA equipment is not recommended. Tas only – Do not spray bushes bearing mature fruit.
Boxthorn, African ( <i>Lycium ferocissimum</i> )		-	7 – 10mL	-	Spray to wet all foliage but not to cause excessive run off. Use the lower rate for young bushes and the higher rate for bigger mature bushes. Burning (after complete brown off), pasture improvement and/or further treatment may be needed to control seedlings and regrowth. Do not spray during hot, dry summer periods. The use of CDA





Bracken ( <i>Pteridium esculentum</i> )	All States	9L	15 mL		For boom application, always add surfactant (200 mL per 100L spray) otherwise reduced results will occur. Wiper application is recommended, see WIPER EQUIPMENT. Slash bracken in previous spring/summer. Apply Genfarm Panzer 360 Herbicide in March/May to fully unfurled actively growing fronds, actively growing. Visible symptoms may not be fully apparent until the next season. Complete control will not be achieved from one application. Repeat treatment is recommended, preferably associated with pasture improvement.
Carpet Grass ( <i>Axonopus spp.</i> )	All States	3L	5 mL	-	Apply to actively growing plants when most have reached the early head stage. For Couch in SA and WA apply in October November
Cocksfoot ( <i>Dactylis glomerata</i> )			7 mL	-	
Couch ( <i>Cynodon dactylon</i> )		9L	13 mL	-	
Crofton Weed ( <i>Eupatorium adenophorum</i> )	Qld, NSW, ACT only	-	5mL	-	Apply to actively growing plants with full foliage. Spray to wet all foliage. Further treatment and/or pasture improvement are recommended to restrict seedling re-establishment.
Flatweed (Cat's Ear) ( <i>Hypochoeris radicata</i> )	All States	3L	7 mL	-	Apply to fully developed rosettes at the early flower stage.
Gorse (Furze) ( <i>Ulex europaeus</i> )		-	10 mL plus Pulse 2 mL	-	Apply all year round, but only to actively growing plants. Always add Pulse. Spray to wet all foliage. Burning (after complete brownout), pasture improvement and/or further treatment are recommended to control seedling and/or regrowth.
Groundsel Bush ( <i>Baccharis halimifolia</i> )	QLD, NSW & ACT only	-	7-10 mL	1:9	Apply to actively growing plants using the higher rate on bushes over 2m tall. Do not apply during winter, or during periods of summer drought stress. Spray to wet all foliage. Further treatment and/or pasture improvements are recommended to control seedlings and/or regrowth. <b>Low Volume Application</b> (eg. Splatter Gun and Gas Gun): Use 1:9 (10%) mixture of this product: water. Apply 2 x 2 mL dose per 0.5m bush height. Ensure spray contacts all foliage. Use of CDA equipment is not recommended.
Guinea grass ( <i>Panicum maximum</i> )	NT- All States	9L	13 mL	-	Apply to actively growing plants at the early head stage. For wiper application, see Wiper Equipment.

Hawthorn ( <i>Crataegus spp.</i> )	NSW, VIC, SA, WA, TAS only	-	10-13 mL	1:9	Apply to actively growing plants from flowering to leaf fall. Spray to thoroughly wet all foliage. Use the higher rate in bushes over 2m tall. Burning (after complete brownout), pasture improvement and/or further treatment are recommended to control seedling and/or regrowth. <b>Low Volume Application</b> (eg. Splatter Gun and Gas Gun) Use 1:9 (10%) mixture of Genfarm Panzer 360 Herbicide: water. Apply 2 x 5 mL dose per 0.5m bush height. Ensure spray contacts all foliage.
Hoary Cress ( <i>Cardaria drabe</i> )	NSW, ACT, Vic & Tas only	1.5L	5 mL	-	Plants should be actively growing and not under stress. Best results are obtained if applied from late July to September when plants are in late rosette to flowing stage. Application may be integrated with long fallow. Cultivation may start 7 days after spraying. Wiper application may be used where sufficient stem elongation occurs, see Wiper Equipment. In Tasmania addition of a non-ionic surfactant (50-60% ai) at 200-250 mL/100L spray, is recommended.
Johnson Grass ( <i>Sorghum halepense</i> ) Kangaroo grass ( <i>Themeda australis</i> ) Kikuyu grass ( <i>Pennisetum clandestinum</i> )	All States	6L	10 mL	-	Apply to actively growing plants at the early head stage. For wiper application on Johnson grass, off-type and volunteer sorghum, see Wiper Equipment.
Lantana ( <i>Lantana camara</i> )	QLD, NSW, ACT & NT only	-	10 mL	1:9	Apply to actively growing plants with full foliage. Spray to thoroughly wet all foliage. Do not spray during periods of summer drought stress. Burning (after complete brownout), pasture improvement and/or further treatment are recommended to control seedlings and/or regrowth. Additional Pulse (200 mL/100L) may improve control. <b>Low Volume:</b> (eg Splatter Gun and Gas Gun): Apply 2 x 2 mL dose per 0.5m bush height. Ensure spray contacts all foliage. <b>Sprinkler Sprayer:</b> Apply 6 mL of a 1:9 (10%) solution to every square metre of treated area. Use of CDA equipment is not recommended.
<i>Ludwigia peruviana</i>	All States	-	10 mL	-	Apply when actively growing at or beyond the early boom stage of growth, but before autumn colour changes occur. Thorough coverage is necessary for best control.
Lovegrass, African ( <i>Eragrostis curvula</i> )	NSW, ACT, Vic & WA only	6L	10 mL	-	Apply to actively growing plants. Re-treatments and/or pasture improvement is recommended to restrict re-establishment

Mistflower ( <i>Eupatorium riparium</i> )	QLD, ACT & NSW only	-	5 mL	1:9	Apply to actively growing plants with full foliage. Spray to thoroughly wet all foliage. Further treatment and/or pasture improvement are recommended to restrict seedling re-establishment. Sprinkler Sprayer: Apply 3 mL of a 1:9 (10%) solution to every square metre of treated area.
Nutgrass ( <i>Cyperus rotundus</i> ) Does not refer to other Cyperus species which may be locally known as nutgrass	All States	6L	10 mL	-	Not cultivated Situations: Apply to actively growing plants in late summer/autumn (Feb/Apr) when at least 20% have reached the head stage
		3L + 3L	7 mL + 7 mL	-	Arable Land: Make first application to actively growing plants when at least 20% have reached the head stage (normally about Feb). After allowing maximum re-emergence to occur (normally in 6-8 weeks) it is essential to make a second application. Follow-up treatments should be made as part of a nutgrass control program.
Pampas grass ( <i>Cortaderia spp.</i> )	All States	-	10 mL or 13 mL	-	Apply to actively growing plants over 1m high during spring, summer or autumn. Ensure complete coverage and the foliage and apply after flowering. For easier access, large plants may be cut or burnt prior to spraying, but first allow regrowth to reach 1m.
Paragrass ( <i>Barchiara mutica</i> )		9L	13 mL	-	Apply to actively growing plants at the early head stage.
Paspalum ( <i>Paspalum dilatatum</i> )		6L	10 mL	-	
Pellitory ( <i>Parietria judaica</i> )	NSW	-	10 mL	-	Apply to actively growing plants prior to seeding. Repeat applications may be necessary to control seedlings and/or regrowth
Phalaris ( <i>Phalaris aquatica</i> )	NSW, ACT, VIC & SA only	3-6L	5-10 mL	-	Apply to actively growing plants during winter-spring. Use the lower rate where only knockdown is required eg. prior to burning of firebreaks. Burning can usually start 14-21 days after spraying. For long-term control increase to the higher rate.
Plantains ( <i>Plantago spp.</i> )	All States	3L	7 mL	-	Apply to actively growing plants at the early head stage. Symptoms may be slow to develop.
Prairie grass ( <i>Bromus unioloides</i> ) Qld Blue grass ( <i>Dichanthium sericeum</i> ) Red-leg grass ( <i>Bothriochloa ambigua</i> ) Rhodes grass ( <i>Chloris gayana</i> )		6L	10 mL	-	Apply to actively growing plants at the early head stage.

Rope Twitch ( <i>Agropyron repens</i> )	VIC & TAS only	6L	10 mL	-	Apply in late summer-autumn to actively growing plants with foliage at least 20 cm high. To ensure maximum shoot emergence the area should NOT be cultivated in the period from the preceding winter until the time of spraying.
Sifton Bush/ Chinese Scrub ( <i>Cassina arcutata</i> )	QLD, NSW & ACT only	-	10 or 13 mL	1:9	Apply when actively growing. Ensure complete coverage of the bush. Pasture improvement and/or re-treatment is recommended to control seedlings and/or regrowth. Use the higher rate on bushes over 1m. <b>Low Volume:</b> Apply 40 mL per 0.5m height. <b>Wiper Application:</b> Double pass application is required. Application is best made to small (less than 1m) green bushes.
Silverleaf Nightshade ( <i>Solanum elaeagnifolium</i> )	NSW & ACT only	-	20 mL	-	Use ONLY under good soil moisture conditions. Apply to actively growing plants at the late flowering to berry stage. Repeat spraying will be necessary to restrict regrowth and seedling re-establishment.
Sorrel ( <i>Rumex acetosella</i> )	All States	6L	10 mL	-	Apply to actively growing plants when most have reached the early bud stage.
Soursob ( <i>Oxalis pes-caprae</i> )	NSW, ACT, VIC, SA, WA & TAS only	1.5L	5 mL	-	Best results are achieved if plants are treated before natural plant yellowing (senescence), which occurs from late July to early September. Plants should be actively growing and not under stress. If foliage area has been reduced due to eg. heavy frosting or heavy, allow recovery of foliage to at least 5cm before spraying.
St. John's Wort ( <i>Hypericum perforatum</i> )	All States	3L	5 mL	-	Apply to actively growing plants in the flowering to post-flowering, procumbent stem stage (generally November/May). Pasture improvement or re-treatment, may be necessary to restrict seedling re-establishment.
Sweet Briar ( <i>Rosa rubiginosa</i> )	NSW, ACT, Vic, Tas & WA only	-	15 – 29 mL	1:9	Apply to actively growing plants from late flowering to leaf fall. Spray to thoroughly wet all foliage. Use the lower rate on bushes under 1.5m high. Burning (after complete brownout), pasture improvement and/or further treatment are recommended to control seedlings and/or regrowth. <b>Low Volume:</b> (eg. Splatter Gun and Gas Gun:) Apply 2 x 5 mL dose per 0.5m bush height. Ensure spray contacts all foliage.
Thistle, Artichoke ( <i>Cynara cardunculus</i> )	VIC & SA only	3L	5 mL	-	Apply to the rosette-early head stage.

Thistle, Californian ( <i>Cirsium arvense</i> )	VIC & TAS only	6L	10 mL	-	Apply to actively growing plants at the flowering stage. To ensure maximum shoot emergence the area should NOT be cultivated prior to spraying. Re-treatment and/or pasture improvement may be necessary to restrict seedling re-establishment.
Yorkshire Fog ( <i>Holcus lantus</i> )	All States	3L	7 mL	-	Apply to actively growing plants at the early head stage.

**UNWANTED TREES**

- For NSW, ACT, QLD, WA, Tas, Vic & NT Only

**Restraints**

DO NOT apply to trees under stress or to trees that are not actively growing.

METHOD	UNWANTED TREES	TREE SIZE	RATE	CRITICAL COMMENTS
Stem Injection	Flooded Gum ( <i>Eucalyptus grandis</i> ), Ghost Gum, ( <i>E. papuana</i> ), Gum Topped Bloodwood ( <i>E. dichromophloia</i> ), Messmate Stringybark ( <i>E. obliqua</i> ), Narrowleaf Ironbark ( <i>E. crebra</i> ), Pink Bloodwood ( <i>E. intermedia</i> ), Poplar Box ( <i>E. populnea</i> ), Silverleaf Ironbark ( <i>e. melanophloia</i> ), Silvertop Ash ( <i>E. maculata</i> ), Spotted Gum ( <i>E. maculata</i> ), Swamp Mahogany ( <i>Tristania suaveolens</i> ), White Mahogany ( <i>E. acmenoides</i> ), Willows ( <i>Salix babylonica</i> ), Privet ( <i>Ligustrum spp.</i> ), Rhus ( <i>Toxicodendron succedaneum</i> )	Basal diameter to 25cm	Undiluted 1 mL/cut	Use an applicator calibrated to deliver 1 or 2 mL per cut. Make 5 cm cuts at an oblique angle. Ensure cut penetrates the bark to the sap steam and that product is injected as soon as possible after the cut has been made. Space cuts at 13 cm centres around tree circumference below any branching. Remove or treat all branches below cut. On multiple trunk trees ensure each trunk is treated.
		Basal diameter Over 25 to 60 cm	Undiluted 2 mL/cut	
	Camphor laurel ( <i>Cinamonum camphora</i> )	Basal diameter to 25 cm	Mixture 1:1 2 mL/cut	
		Basal diameter Over 25 to 60 cm	Undiluted 2 mL/cut	

Foliar Application: Low Volume (Gas gun or Splatter gun)	Bullich ( <i>Eucalyptus megacarpa</i> ), Marri ( <i>E.calophylla</i> ), Jarrah ( <i>E.marginata</i> )	0-1.5m height	1:15 Add Pulse at 20 mL/10L spray mixture	Dilute product in the recommended ratio. Calibrate splatter gun to apply 5 mL of solution per dose, as fine spray. Apply 5 mL per 0.5m tree height. Ensure spray contacts all foliage.
	Eucalyptus spp.			
Cut Stump	Jarrah ( <i>Eucalyptus marginata</i> ), Longleaf Box ( <i>E. gonioclayx</i> ), Marri ( <i>E. calophylla</i> ), Messmate Stringybark ( <i>E. obliqua</i> ), Narrowleaf Peppermint ( <i>E. radiata</i> )	0-10 cm basal diameter	1:15	Dilute Genfarm Panzer 360 Herbicide with water in the recommended ratio. Cut tree close to ground and immediately wet stump surface thoroughly using splatter, gun, spray, swab or brush. Remove any branches on the stump and treat cut surface.
	Privet ( <i>Ligustrum spp.</i> ), Rhus ( <i>Toxicodendron succedaneum</i> )	0-30 cm basal diameter	1:1	
Foliar Application: High Volume (Knapsack or Handgun)	Eucalyptus spp., Willows ( <i>Salix babylonica</i> )	0-2.0m height	1.0-1.3L per 100L For Eucalyptus spp. Add Pulse at 200 mL/100L spray mixture	Spray to wet all foliage. Use the higher rate for trees 1 to 2m high.

## AQUATIC WEED CONTROL

<p>AQUATIC AREAS For the control of emerged weeds in all fresh and brackish water which may be flowing, non-flowing or transient. Also for weeds on margins of streams, lakes and dams in channels and drains.</p> <p>(See Weed Table Below)</p>	ALL STATES	<p><b>DO NOT use additional surfactant/wetter, unless it is approved for use in aquatic situations.</b></p> <p><b>General Instructions</b></p> <ol style="list-style-type: none"> <li>1. Reduction in effectiveness may result if more than 1/4 of the above ground portion of the weed is submerged at treatment. Submerging the treated plants following treatment may result in the spray being washed from the plant surface, thus reducing effectiveness.</li> <li>2. Do not apply to this product within 0.5 km up-stream of potable water intake in flowing water (i.e. river or streams, etc) or within 0.5 km of a potable water intake in a standing body of water such as a lake, pond or reservoir. Applications to moving bodies of water should be made while travelling up stream wherever possible to prevent concentration of this herbicide in water. When making any bankside applications do not overspray more than 0.5m into open water. Avoid spraying across moving bodies of water or where weeds do not exist.</li> <li>3. When spraying floating weeds, use a low volume, low-pressure boom spray, C.D.A. or sprinkler sprayer. Do not submerge the weeds when spraying as this may wash the herbicide off the leaves.</li> <li>4. When emerged infestations require the treatment of the total surface area of impounded water, treating the area in strips may avoid sudden impact on habitat.</li> </ol>			
Weeds Controlled	State	Rate			Critical Comments
		Boom L/ha	Handgun vol/100L	Knapsack mL/15L	
Alligator Weed	All States	-	1L	150 mL	Apply when actively growing, from Summer through Winter. Floating form only.
Brown Beetle Grass ( <i>Diplachne fusca</i> )	NSW & ACT	3L	5 mL	-	Apply to actively growing plants. Do not apply to partially submerged plants.
Cumbungi ( <i>Typha spp.</i> )	All States	9L	1.3L	200 mL	Apply to actively growing plants at the early head to full head stage (summer/autumn). Re-treatment may be required to restrict seedling re-establishment. Wiper application is recommended (not in Tasmania) See WIPER EQUIPMENT.
Glyceria ( <i>Glyceria Maxima</i> )	Tas only	6L	10 mL	-	Apply to actively growing plants at the mature head stage in late summer/ Autumn. Not more than ¼ of the weed should be submerged at time of treatment.
Paragrass ( <i>Barchiara mutica</i> )	All States	9L	1.3L	200 mL	Apply to actively growing plants when most have reached the early head stage.
Phragmites, Common Reed ( <i>Phragmites australis</i> )					Apply to actively growing, fully developed plants approaching the early head stage. Visible symptoms of control may be slow to develop and may not be fully apparent until the next season. For wiper application, see Wiper Equipment.
Rushes ( <i>Juncus spp.</i> )					Apply by wiper equipment to actively growing plants. Where there is a large proportion of dead foliage, pre-slashing is recommended. Allow adequate regrowth before treatment. See Wiper Equipment section for application instructions.



Sedge, Tall ( <i>Carex appressa</i> )	NSW, ACT, VIC & TAS only	2 or 4L	500 mL or 1L	75 mL or 150 mL	Apply to actively growing plants in flowering to post-flowering period (Oct/April). Use the lower rate only if the stand has been slashed prior to treatment. Re-treatment may be necessary. Visible symptoms may not be fully apparent for up to 3 months. Use of CDA equipment is not recommended.
Water Couch ( <i>Paspalum distichum</i> )	All States	9L	1.3L	200 mL	Apply to actively growing plants in late summer-autumn (Feb/Mar). Do not treat after March because of the onset of winter dormancy. Full results may not be visible until the following spring. Not more than 1/4 of the weed should be submerged at the time of treatment.
Water Hyacinth ( <i>Eichhornia crassipes</i> )		6-9L	1-1.3L	150 – 200 mL	Apply when actively growing and at or beyond the early bloom stage of growth. Use the highest rate on dense infestations.
Water Lettuce ( <i>Pistia stratiotes</i> )		-			Best results are obtained from mid-summer through to winter. Use the highest rate on dense infestations.
Water Lily Yellow ( <i>Nymphaea spp.</i> )		6L	1L	150 mL	Apply when there is a maximum emergence of floating leaves. Allow 2-3 weeks for symptoms to develop, then retreat any unaffected plants. Use low volume sprayer.

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

**WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.**

## GENERAL INSTRUCTIONS

### PRODUCT INFORMATION

Genfarm Panzer 360 Herbicide is a non-volatile, water soluble liquid product with non-selective herbicidal activity effective against many annual and perennial broadleaf weeds and grasses in crop areas, land preparations and non-crop areas. Genfarm Panzer 360 Herbicide may be used for weed control in agricultural land prior to sowing any edible or non-edible crop, but not prior to transplanting tomato seedlings.

Genfarm Panzer 360 Herbicide is absorbed by plant foliage and green stems. It is inactivated immediately in the soil and does not provide residual weed control.

Genfarm Panzer 360 Herbicide moves through the plant from the point of contact to and into the root system. Visible effects on the annual weeds take 3-7 days but the perennial weeds may not be obvious for 2-3 weeks or longer in some cases. Visible effects of control may be delayed by cool or cloudy weather.

DO NOT disturb treated weeds by grazing, cultivation, sowing or grazing after treatment for 1 day for annual weeds and 7 days for perennial weeds to ensure complete uptake of the herbicide.

No withholding period is required for this product. However, to ensure herbicide absorption, grazing of treated areas should be delayed at least for 1 day after treatment for annual weeds and 7 days for perennial weeds. Certain plants such as Soursob, St Johns Wort and Bracken, may be naturally toxic to stock. Where toxic plants are present, grazing should be delayed until complete browning of treated plants has occurred.

Do not treat weeds under poor growing or dormant conditions (such as drought, waterlogging, disease, insect damage or following frosts) as reduced weed control may result. Reduced efficiency may also occur when treating weeds heavily covered with dust or silt.

Delay treatment of plants wet with dew or rain if water droplets run off when plants are disturbed.

### RESISTANT WEED WARNING

GROUP	M	HERBICIDE
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Genfarm Panzer 360 Herbicide is a member of the Glycines group of herbicides. The product has the inhibition of EPSP synthase mode of action. For weed resistance management the product is a group M Herbicide. Some naturally occurring weed biotypes resistant to the product and other Group M 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 the product or Group M herbicides.

Since the occurrence of resistance weeds is difficult to detect prior to use, Genfarm (Aust) Pty. Ltd. accepts no liability for any losses that may result from the failure of this product to control resistant weeds.

## **MIXING**

Genfarm Panzer 360 Herbicide mixes readily with water. The following procedure for mixing should be followed:

- Clean the spray tank, pumps, lines and nozzles and it is free of any residue of previous spray materials.
- Fill the spray tank with one half the required amount of clean water and add the proper amount of product to the spray tank. Mix well before adding the remaining portion of water.
- If surfactant is required, add this last to minimise foaming. The use of a mechanical agitator is not recommended as this may cause excessive foaming.
- Agitate well before and during spraying.

Always use clean water, since reduced results may occur if water-containing soil is used, eg. water from ponds and unlined ditches, or if hard water containing calcium salts is used.

DO NOT mix, store or apply this product or spray solutions of this product in galvanized steel or unlined steel containers or spray tanks, since a highly flammable gas mixture may be found. Use stainless steel, aluminium, brass, copper, fibreglass, plastic, or plastic lined containers or spray tanks.

Use spray solutions promptly and certainly within 5 days, since a gradual loss of activity will occur.

## **COMPATIBILITY**

Genfarm Panzer 360 Herbicide may be tank-mixed with the following herbicides, insecticides and additives. Read and follow all label directions, restraints, plant-back periods, withholding periods, regional use restrictions and safety directions for the tank mix products.

### **TANK MIXTURES - HERBICIDES**

Atrazine Flowable\* (DO NOT apply the tank mix for Barnyard grass control), 2,4-D ester, chlorsulfuron (750g/kg), dicamba, Metsulfuron (750g/kg), simazine flowable\*, Yield, Stomp 330E, Tillmaster CT, Flandor 500, LVE MCPA, and Goal CT.

The addition of atrazine/simazine flowable can be used for knockdown and residual weed control. NOTE. Atrazine is NOT approved for use in non-agricultural situations.

### **TANK MIXTURES - ADDITIVES**

Liquid Ammonium Sulphate RATE: 2L/100L spray solutions. (DO NOT apply the tank mix for Barnyard grass control).

The addition of liquid ammonium sulphate to Genfarm Panzer 360 Herbicide, when used to control ANNUAL weeds, MAY improve the performance of Genfarm Panzer 360 Herbicide under adverse environmental conditions such as cool, cloudy weather, and assist in minimising the antagonism in tank mixes of Genfarm Panzer 360 Herbicide and flowable triazine herbicides. Use only liquid ammonium sulphate, NOT prilled or granulated forms. Ammonium sulphate may be corrosive to metal parts of the sprayer. Thoroughly flush tanks, pumps and nozzles with water after use.

### **TANK MIXTURES - INSECTICIDES**

This product is compatible with the following insecticides:

Chlorpyrifos, dimethoate, Imidan, Le-Mat, Sumithion ULV, and emulsifiable concentrates of dimethoate and fenitrothion.

Pulse Penetrant

RATE: 200 mL/100L spray solution. Add when treating Bracken (boom application), Gorse, Eucalypt suckers and Lantana.

## APPLICATION

### BOOM EQUIPMENT

Use recommended rates of Glyphosate in 75 to 200 litres of clean water per hectare. When using Genfarm Panzer 360 Herbicide at 500 mL-1.5L/ha spray volumes in the range 25-100L/ha are preferred. Fan nozzle equipment is recommended, using pressures in the range 240-280 kPa. Boom height must be set to ensure double overlap of nozzle patterns at the top of the weed canopy.

### HIGH VOLUME APPLICATION

(eg. Knapsack/Handgun Equipment)

Adjust equipment to achieve an even spray pattern. Apply to ensure complete and uniform wetting of all foliage. For handgun equipment, a D6 spray tip (Spraying Systems Australia P/L) or equivalent, and an operating pressure of 400-700 kPa are recommended. Do not spray in conditions conducive to spray drift.

### WIPER EQUIPMENT

Wiper Equipment (eg. ropewick, canvas, felt or carpet applicators) may be used to apply Genfarm Panzer 360 Herbicide on to weeds growing in oilseed crops, sugarcane, cotton, seed and pod vegetables, tree and vine crops specified in this label, pasture and non-crop areas. Avoid contact with desirable vegetation. Operate wiper equipment a minimum of 10 cm above the crop or pasture. Weeds should be at least 15 cm above the crop or pasture at time of application. Speed of travel should be no greater than 8 km/h. Best results are achieved at lower speeds and where two applications are made in opposite directions (double pass).

Where weeds are of variable height, or occur in dense infestations or clumps, some plants may not be contacted by the herbicide solution. In these cases repeat treatment may be necessary.

Mix only enough herbicide solution for immediate requirements. Do not store mixed solution for more than a few days. Flush out equipment with water after use.

RATE: Mix 1 Litre Genfarm Panzer 360 Herbicide with 2 litres clean water to prepare 33% solution. Genfarm Panzer 360 Herbicide may be used according to the above directions for suppression or control of many annual and perennial weeds. See Weeds Controlled tables for specific use recommendations.

### LOW VOLUME APPLICATION

(eg. Gas Gun or Splatter Gun)

Apply as an even spray to cover all foliage.

Refer to Weeds Controlled for the dilution and volume of mixture to be applied. The dilution is specified as "Low volume mixture, Genfarm Panzer 360 Herbicide: Water". For example, a 1:9 mixture equals one part Genfarm Panzer 360 Herbicide plus 9 parts water.

### CONTROLLED DROPLET APPLICATION EQUIPMENT (CDA)

Use the following table as a guide for achieving the correct application rates using the Micron 10 Herbi or similar equipment. See Weeds Controlled tables for specific rates and use recommendations. For hand held equipment a walking speed of approximately 1m/sec (4 km/h) is recommended.

Do NOT add oils to Genfarm Panzer 360 Herbicide/water mixture, otherwise difficulty in application and reduced weed control may occur.

**CAUTION:** CDA equipment produces a fine spray pattern, which is not easily visible.

Ensure spray pattern or drift does not contact foliage or any other green tissue of desirable plants, since severe injury or destruction may result.

Rate of Genfarm Panzer 360 Herbicide delivered at 1m/sec	3L/ha	6L/ha	9L/ha
Mixture (by volume) Genfarm Panzer 360 Herbicide: Water	1:3	1:1	2:1
Micron Herbi, nozzle	Blue	Blue	Yellow

### AERIAL EQUIPMENT

Do NOT use in intensive horticultural cropping areas.

Aerial equipment may be used to apply Genfarm Panzer 360 Herbicide only in pasture or fallow situations prior to establishment of field crops, fodder crops, or new pasture, and for pre-harvest application to cotton and sorghum crops. Use recommended rates specified in this label up to a maximum limit of 4L/ha. For Micronair and boom equipment, apply in a minimum spray volume of at least 20L/ha. Droplets with an average size of 250-350 micron diameter are recommended. Thoroughly wash aircraft, especially landing gear, after each day of spraying to remove herbicide residues.

NOTE: High temperatures and/or low relative humidity cause excessive evaporation of spray droplets, which may reduce results. When temperatures exceed 25°C, increase water volume to at least 30L/ha and increase the droplet size to at least 300 microns VMD.

DO NOT apply by air when temperatures exceed 30°C.

**Application on hill terrain:** As spraying height may vary, to maximise target contact, increase water volume to 30-80L/ha and increase droplet size to at least 300 micron VMD.

### PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Avoid contact with foliage, green stems or fruit of crops, desirable plants and trees, since severe injury or destruction may result.

**Drift warning:** Do NOT apply under meteorological conditions or from spraying equipment, which could be expected to cause spray drift onto nearby susceptible plants, adjacent crops, cropping lands or pastures.

Equipment settings which produce fine droplets (150 microns or less), winds over 8 kph, inversion conditions, still air and hot dry spells all contribute to drift.

### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Do NOT contaminate dams, rivers or streams with the product or used containers. When controlling weeds near water, refer to label directions to minimise the entry of spray into the water.

## 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 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.

For refillable containers, empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

## SAFETY DIRECTIONS

Product will irritate the eyes and skin. Avoid contact with eyes and skin.

When using controlled droplet applicator wear protective waterproof clothing and impervious footwear. When preparing product for use, wear elbow length PVC gloves and face shield or goggles. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each days 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).

## MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet, which can be obtained from the supplier.

## CONDITIONS OF SALE

The use of this product is beyond the control of Genfarm (Aust) Pty Ltd. No warranty is expressed or implied regarding the suitability or efficiency for any purpose for which it is used by the buyer. Genfarm (Aust) Pty Ltd accepts no responsibility for any consequences resulting from the use of this product. Genfarm (Aust) Pty Ltd will not be held liable for any loss, injury or damage arising from the sale, supply or use of this product, whether through negligence or otherwise. No responsibility will be accepted for any consequences whatsoever resulting from the use of this product.

IN EMERGENCY DIAL <b>000,</b> POLICE OR FIRE BRIGADE	FOR SPECIALIST ADVICE IN AN EMERGENCY CALL <b>1800 033 111</b> <b>(24 HOURS)</b>
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**Genfarm (Aust) Pty Ltd**  
Suite 3, Level 1, 64 Talavera Road,  
North Ryde,  
NSW, 2113  
Tel: (02) 9889 5400