



Australian Government
**Australian Pesticides and
Veterinary Medicines Authority**

PERMIT TO ALLOW MINOR USE OF AN AGVET CHEMICAL PRODUCT

**FOR CONTROL OF SELECTED BROADLEAF WEEDS IN TROPICAL
GRASS PASTURES**

PERMIT NUMBER – PER12362

This permit is issued to the Permit Holder in response to an application granted by the APVMA under section 112 of the Agvet Codes of the jurisdictions set out below. This permit allows a person, as stipulated below, to use the product in the manner specified in this permit in the designated jurisdictions. This permit also allows any person to claim that the product can be used in the manner specified in this permit.

THIS PERMIT IS IN FORCE FROM 3 FEBRUARY 2011 TO 30 NOVEMBER 2021.

Permit Holder:

THE GRASSLAND SOCIETY OF NSW INC
14 Kara Place
ORANGE NSW 2800

Persons who can use the product under this permit:

Persons generally.

CONDITIONS OF USE

Product to be used:

NUFARM AMICIDE 625 SELECTIVE HERBICIDE

CROP CARE AMINE 625 SELECTIVE HERBICIDE

PLUS ALL OTHER REGISTERED PRODUCTS

Containing: 625 g/L 2,4-D present as the DIMETHYLAMINE and DIETHANOLAMINE SALTS as the only active constituent.

NUFARM AMICIDE 720 SELECTIVE HERBICIDE

PLUS ALL OTHER REGISTERED PRODUCTS

Containing: 720 g/L 2,4-D present as the DIMETHYLAMINE SALT as the only active constituent.

4FARMERS MCPA 500 SELECTIVE HERBICIDE

OSPRAY MCPA 500 SELECTIVE HERBICIDE

PLUS ALL OTHER REGISTERED PRODUCTS

Containing: 500 g/L MCPA present as the DIMETHYLAMINE SALT as the only active constituent.

GARLON 600 HERBICIDE

TITAN TRICLOPYR 600 HERBICIDE

PLUS ALL OTHER REGISTERED PRODUCTS

Containing: 600 g/L TRICLOPYR present as the BUTOXYETHYL ESTER as the only active constituent.

ACCLAIM HERBICIDE

NUFARM COMET 200 HERBICIDE

PLUS ALL OTHER REGISTERED PRODUCTS

Containing: 200 g/L FLUROXYPYR present as the METHYLHEPTYL ESTER as the only active constituent.

BRUSH-OFF BRUSH CONTROLLER

NUFARM ASSOCIATE HERBICIDE

PLUS ALL OTHER REGISTERED PRODUCTS

Containing: 600 g/kg METSULFURON-METHYL as the only active constituent.

TITAN MCPA 500 LVE SELECTIVE HERBICIDE

OSPRAY MCPA LVE SELECTIVE HERBICIDE

PLUS ALL OTHER REGISTERED PRODUCTS

Containing: 500 g/L MCPA present as the 2-ETHYLHEXYL ESTER as the only active constituent.

GENFARM LVE MCPA 500 HERBICIDE

PLUS ALL OTHER REGISTERED PRODUCTS

Containing: 500 g/L MCPA present as the ETHYLHEXYL ESTER as the only active constituent.

HOTSHOT HERBICIDE

PLUS ALL OTHER REGISTERED PRODUCTS

Containing: 10 g/L AMINOPYRALID present as the TRIISOPROPANOLAMINE SALT and 140 g/L FLUROXYPYR present as METHYLHEPTYL ESTER as the only active constituents.

NUFARM CONQUEROR HERBICIDE

PLUS ALL OTHER REGISTERED PRODUCTS

Containing: 300 g/L TRICLOPYR present as the BUTOXYETHYL ESTER and 100 g/L PICLORAM present as HEXYLOXPROPYLAMINE SALT as the only active constituents.

Directions for Use:

Situation	Weed	Rate
SOWN TROPICAL GRASS PASTURES	VARIOUS WEEDS (as contained in Attachment 1)	Apply in accordance with instructions as contained in Attachment 1 .

Critical Use Comments:

- Apply in strict accordance with information listed in **Attachment 1**.
- Apply **ONLY** to tropical grass pastures, or grass dominated pastures. Substantial damage may occur to legumes present in the pasture, and spray treatments must not be applied to legume-based pasture situations.
- Ground-based boom spray application **ONLY** unless aerial application is permissible on the registered product label.
- Apply a maximum of 2 applications annually, with a minimum 90 days between spray treatments.
- Apply diluent using spray volume 30 – 150 L/ha. Apply to the point of run-off to ensure thorough coverage of weed foliage.

Withholding Period:

Grazing: **DO NOT** graze treated pastures or cut for stock food for 7 DAYS after application.

Jurisdiction:

NSW only.

Additional Conditions:

THIS PERMIT provides for the use of a product in a manner other than specified on the approved label of the product. Unless otherwise stated in this permit, the use of the product must be in accordance with instructions on its label.

PERSONS who wish to prepare for use and/or use products for the purposes specified in this permit must read, or have read to them, the details and **CONDITIONS** of this permit.

Issued by the Australian Pesticides and Veterinary Medicines Authority.

Note: Version 2 issued, 18 January 2016; expiry date extended until 30 November 2021 and products updated.

Attachment 1

Table 1. Various herbicide treatments for the control (or suppression) of selected broadleaf weeds in tropical grass pastures

Treatment No.	Active Ingredient (a.i.) and Level a.i. in Product	Rate (Product/ha)	Pest Weeds Controlled (Suppressed*)	Critical Comments
1	2,4-D AMINE 625 g/L product	1.7 L/ha	Cobbler's Peg (<i>Bidens pilosa</i>) Galvanised Burr (<i>Sclerolaena birchii</i>) Khaki weed (<i>Alternanthera pungens</i>)* Prickly Lettuce (<i>Lactuca serriola</i>) Sidas (<i>Sida</i> spp.) Soft Roly Poly (<i>Salsola kali</i>)	Apply when secondary roots are present on the sown pasture. DO NOT spray tropical grasses before the early tillering stage. Apply when weeds are small and actively growing, preferably before flowering or vining. Damage may occur to legumes if present. Refer to legume tolerance warning on product label.
2	2,4-D AMINE 720 g/L product	1.5 L/ha	Cobbler's Peg (<i>Bidens pilosa</i>) Galvanised Burr (<i>Sclerolaena birchii</i>) Khaki weed (<i>Alternanthera pungens</i>) Mexican Poppy (<i>Argemone ochrolauca</i>) Prickly Lettuce (<i>Lactuca serriola</i>) Sidas (<i>Sida</i> species) Soft Roly Poly (<i>Salsola kali</i>) Sowthistle (<i>Sonchus oleraceus</i>)	Apply when secondary roots are present on the sown pasture. DO NOT spray tropical grasses before the early tillering stage. Apply when weeds are small and actively growing, preferably before flowering or vining. Damage may occur to legumes if present. Refer to legume tolerance warning on product label.
3	2,4-D AMINE 625 g/L product Plus TRICLOPYR 600 g/L product	1.7 L/ha Plus 80-160 mL/ha	Bathurst Burr (<i>Xanthium spinosum</i>) Blackberry nightshade (<i>Solanum nigrum</i>) Camel melon (<i>Cucumis myriocarpus</i>) Fat Hen (<i>Chenopodium album</i>) Fleabane (<i>Conyza</i> spp.) Galvanised Burr (<i>Sclerolaena birchii</i>) Khaki weed (<i>Alternanthera pungens</i>)* Mexican Poppy (<i>Argemone ochrolauca</i>) Noogoora Burr (<i>Xanthium pungens</i>) Paddy melon (<i>Citrillus lanatus</i>) Patterson's Curse (<i>Echium plantagineum</i>) Saffron Thistle (<i>Carthamus lanatus</i>) Soft Roly Poly (<i>Salsola kali</i>) Thornapples (<i>Datura</i> spp.) Turnip weed (<i>Praphanus raphanistrum</i>) Variegated thistle (<i>Silybum marianum</i>) Yellow vine (<i>Tribulus terrestris</i>)	Apply when secondary roots are present on the sown pasture. DO NOT spray tropical grasses before the early tillering stage. Apply when weeds are small and actively growing, preferably before flowering or vining. Damage may occur to legumes if present. Refer to legume tolerance warning on product label.

Table 1 cont. Various herbicide treatments for the control (or suppression) of selected broadleaf weeds in tropical grass pastures

Treatment No.	Active Ingredient (a.i.) and Level a.i. in Product	Rate (Product/ha)	Pest Weeds Controlled (Suppressed*)	Critical Comments
4	MCPA Amine 500 g/L product	2 L/ha	Cut-leaf mignonette (<i>Reseda lutea</i>) Fleabane (<i>Conyza</i> spp.) Mexican Poppy (<i>Argemone ochrolauca</i>)	Apply when secondary roots are present on the sown pasture. DO NOT spray tropical grasses before the early tillering stage. Apply when weeds are small and actively growing, preferably before flowering or vining. Damage may occur to legumes if present. Refer to legume tolerance advice on product label.
5	FLUROXYPYR 200 g/L product	1 L/ha	Bathurst Burr (<i>Xanthium spinosum</i>) Black Bindweed (<i>Fallopia convolvulus</i>) Fleabane (<i>Conyza</i> spp.) Mallows (<i>Malva</i> spp.) Noogoora Burr (<i>Xanthium pungens</i>) Pig weed (<i>Portulaca oleracea</i>) Prickly Lettuce (<i>Lactuca serriola</i>) Sidas (<i>Sida</i> species)* Sowthistle (<i>Sonchus oleraceus</i>) Thornapples (<i>Datura</i> spp.)	Apply when secondary roots are present on the sown pasture. DO NOT spray tropical grasses before the early tillering stage. Apply when weeds are small and actively growing, preferably before flowering or vining. Legumes present at the time of spraying will be severely damaged. Refer to legume cautionary warning on product label.
6	METSULFURON-METHYL 600 g/kg product Plus MCPA LVE 500 g/L product	5 g/ha Plus 0.5-1 L/ha	Bathurst Burr (<i>Xanthium spinosum</i>)* Dead nettle (<i>Lamium amplexicaule</i>) Dwarf Marigold (<i>Schkuhria pinnata</i>) Fat Hen (<i>Chenopodium album</i>)* Fleabane (<i>Conyza</i> spp.) Mexican Poppy (<i>Argemone ochrolauca</i>) Noogoora Burr (<i>Xanthium pungens</i>)* Patterson's Curse (<i>Echium plantagineum</i>) Prickly Lettuce (<i>Lactuca serriola</i>) Saffron Thistle (<i>Carthamus lanatus</i>)* Sowthistle (<i>Sonchus oleraceus</i>) Tarvine (<i>Boerhavia dominii</i>) Turnip weed (<i>Praphanus raphanistrum</i>) Variegated thistle (<i>Silybum marianum</i>)* Wireweed (<i>Polygonum aviculare</i>)	Apply when secondary roots are present on the sown pasture. DO NOT spray tropical grasses before the early tillering stage. Apply when weeds are small and actively growing, preferably before flowering or vining. Apply MCPA at lower rates when crop is at 3 – 5 leaf stage. Damage may occur to legumes if present. Refer to legume tolerance advice on product label.

Table 1 cont. Various herbicide treatments for the control (or suppression) of selected broadleaf weeds in tropical grass pastures

Treatment No.	Active Ingredient (a.i.) and Level a.i. in Product	Rate (Product/ha)	Pest Weeds Controlled (Suppressed*)	Critical Comments
7	<p>METSULFURON-METHYL 600 g/kg product</p> <p>Plus</p> <p>Combined a.i. in product AMINOPYRALID 10 g/L and FLUROXYPYR 140 g/L (e.g. Hotshot™ Herbicide)</p>	<p>5 g/ha</p> <p>Plus</p> <p>0.75 L/ha</p>	<p>Black Bindweed (<i>Fallopia convolvulus</i>) Dead nettle (<i>Lamium amplexicaule</i>) Dwarf Marigold (<i>Schkuhria pinnata</i>) Fleabane (<i>Conyza</i> spp.) Mallows (<i>Malva</i> spp.) Patterson's Curse (<i>Echium plantagineum</i>) Pig weed (<i>Portulaca oleracea</i>) Prickly Lettuce (<i>Lactuca serriola</i>) Sowthistle (<i>Sonchus oleraceus</i>) Tarvine (<i>Boerhavia dominii</i>) Turnip weed (<i>Praphanus raphanistrum</i>) Wireweed (<i>Polygonum aviculare</i>)</p>	<p>Apply when secondary roots are present on the sown pasture. DO NOT spray tropical grasses before the early tillering stage.</p> <p>Apply when weeds are small and actively growing, preferably before flowering or vining. For best results, apply when weed seedlings up to 4-leaf growth stage and actively growing.</p> <p>Legumes present at the time of spraying will be damaged. Refer to legume cautionary warning on product label.</p> <p><u>Add non-ionic wetter at 100 mL/100 L water.</u></p>
8	<p>Combined a.i. in product TRICLOPYR 300 g/L and PICLORAM 100 g/L (e.g. Nufarm Conqueror® Herbicide)</p>	<p>2.0 L/ha</p>	<p>Bathurst Burr (<i>Xanthium spinosum</i>) Black Bindweed (<i>Fallopia convolvulus</i>) Blackberry nightshade (<i>Solanum nigrum</i>) Blue Heliotrope (<i>Heliotropium amplexicaule</i>) Camel melon (<i>Cucumis myriocarpus</i>) Cobbler's Peg (<i>Bidens pilosa</i>) Fat Hen (<i>Chenopodium album</i>) Fleabane (<i>Conyza</i> spp.) Khaki weed (<i>Alternanthera pungens</i>) Noogoora Burr (<i>Xanthium pungens</i>) Paddy melon (<i>Citrillus lanatus</i>) Patterson's Curse (<i>Echium plantagineum</i>) Pig weed (<i>Portulaca oleracea</i>) Prickly Lettuce (<i>Lactuca serriola</i>) Saffron Thistle (<i>Carthamus lanatus</i>) Sidas (<i>Sida</i> species) Sowthistle (<i>Sonchus oleraceus</i>) Thornapples (<i>Datura</i> spp.) Variegated thistle (<i>Silybum marianum</i>) Wireweed (<i>Polygonum aviculare</i>) Yellow vine (<i>Tribulus terrestris</i>)</p>	<p>Apply when secondary roots are present on the sown pasture. DO NOT spray tropical grasses before the early tillering stage.</p> <p>Apply when weeds are small and actively growing, preferably before flowering or vining.</p> <p>Legumes present at the time of spraying will be damaged. Refer to cautionary warning on product label.</p>

Table 1 cont. Various herbicide treatments for the control (or suppression) of selected broadleaf weeds in tropical grass pastures

Treatment No.	Active Ingredient (a.i.) and Level a.i. in Product	Rate (Product/ha)	Pest Weeds Controlled (Suppressed*)	Critical Comments
9	<p>METSULFURON-METHYL 600 g/kg product</p> <p>Plus</p> <p>2,4-D AMINE 720 g/L product</p>	<p>5 g/ha</p> <p>Plus</p> <p>1.5 L/ha</p>	<p>Bathurst Burr (<i>Xanthium spinosum</i>) Blackberry nightshade (<i>Solanum nigrum</i>) Cobbler's Peg (<i>Bidens pilosa</i>) Dead nettle (<i>Lamium amplexicaule</i>) Dwarf Marigold (<i>Schkuhria pinnata</i>) Fat Hen (<i>Chenopodium album</i>) Fleabane (<i>Conyza</i> spp.) Galvanised Burr (<i>Sclerolaena birchii</i>) Khaki weed (<i>Alternanthera pungens</i>) Mexican Poppy (<i>Argemone ochrolauca</i>) Noogoora Burr (<i>Xanthium pungens</i>) Patterson's Curse (<i>Echium plantagineum</i>) Prickly Lettuce (<i>Lactuca serriola</i>) Saffron Thistle (<i>Carthamus lanatus</i>) Sidas (<i>Sida</i> species) Soft Roly Poly (<i>Salsola kali</i>) Sowthistle (<i>Sonchus oleraceus</i>) Tarvine (<i>Boerhavia dominii</i>) Thornapples (<i>Datura</i> spp.) Turnip weed (<i>Praphanus raphanistrum</i>) Variegated thistle (<i>Silybum marianum</i>) Wireweed (<i>Polygonum aviculare</i>) Yellow vine (<i>Tribulus terrestris</i>)</p>	<p>Apply when secondary roots are present on the sown pasture. DO NOT spray tropical grasses before the early tillering stage.</p> <p>Apply when weeds are small and actively growing, preferably before flowering or vining.</p> <p>Damage may occur to legumes if present. Refer to legume tolerance advice on product label.</p>