

Chemical control methods for common Atherton Tablelands weeds



Khaki weed

Alternanthera pungens



Boom application

Active ingredient	Product Name	Application Rate
2,4-D	Amicide 625	1.1 – 2.2L/ha
Dicamba	Kamba 750	400ml/ha
Dicamba + MCPA	Kamba M	4-7L/ha

High volume spraying

Active ingredient	Product Name	Application Rate
2,4-D	Amicide 625	110 - 220ml/150L water
2,4-D + Picloram	Tordon 75D	650ml/100L water
Dicamba + MCPA	Kamba M	470ml/100L water

Blue billy goat weed

Ageratum sp.



Boom application		
Active ingredient	Product Name	Application Rate
2,4-D	Amicide 625	3.4L/ha
Fluroxypyr	Starane Advanced	900ml/ha + 1L Uptake spray oil
High volume spraying		
Active ingredient	Product Name	Application Rate
2,4-D	Amicide 625	320ml/100L water

Fleabanes

Conyza spp.



Boom application		
Active ingredient	Product Name	Application Rate
Aminopyralid + picloram + thiocyanate	Grazon Extra	2L/ha
Clopyralid	Lontrel Advanced	150mL/ha – 1L/ha
Dicamba + MCPA	Kamba M	2.8-4L/ha
High volume spraying		
Active ingredient	Product Name	Application Rate
2,4-D	Amicide 625	320ml/100L water
Dicamba + MCPA	Kamba M	190-270ml/100L water

Common sensitive plant

Mimosa pudica



High volume spraying		
Active ingredient	Product Name	Application Rate
Aminopyralid + picloram + thiocyanate	Grazon Extra	200mL/100L water
Fluroxypyr	Flagship 400	250mL/100L water
Fluroxypyr	Starane Advanced	300mL/100L water
Picloram + triclopyr	Fightback	200mL/100L water

Common bracken fern

Pteridium esculentum



Boom application

Active ingredient	Product Name	Application Rate
Metsulfuron-methyl	Associate	60g/100L

High volume spraying

Active ingredient	Product Name	Application Rate
Metsulfuron-methyl	Associate	10g/100L water
Glyphosate	Roundup Biactive	15mL/1L

Tobacco weed

Elephantopus mollis



High volume spraying

Active ingredient	Product Name	Application Rate
Aminopyralid + picloram + triclopyr	Grazon Extra	300mL/100L water

Sicklepod

Senna obtusifolia



Boom application		
Active ingredient	Product Name	Application Rate
Picloram + 2,4D	Tordon 75D + Amicide 625	700 mL - 1.5 L/ha + 800 mL/ha
Aminopyralid + picloram + thiocyanate	Grazon Extra	3L/ha
High volume spraying		
Active ingredient	Product Name	Application Rate
Picloram	Tordon 75D	300mL/100L water
Aminopyralid + picloram + thiocyanate	Grazon Extra	300mL/100L water
Picloram + triclopyr	Fightback	200mL/100L water

Singapore daisy

Sphagneticola triobata



High volume spraying

Active ingredient	Product Name	Application Rate
Metsulfuron-methyl	Associate	10g/100L water

Wild tobacco

Solanum mauritianum



Cut stump

Active ingredient	Product Name	Application Rate
2,4D	Amicide 625	240ml/15L water
Aminopyralid + picloram	Vigilant II	Straight using applicator
Picloram + triclopyr	Access	1L/60L Diesel

High volume spraying

Active ingredient	Product Name	Application Rate
Aminopyralid + picloram + thiocyanate	Grazon Extra	350mL/100L water
Picloram	Tordon 75D	650mL/100L water
Aminopyralid + picloram + thiocyanate	Grazon Extra	300mL/100L water
Picloram + triclopyr	Fightback	200mL/100L water

Flannel weed

Sida cordifolia



Boom application

Active ingredient	Product Name	Application Rate
2,4-D	Amicide 625	1.8L/ha

High volume spraying

Active ingredient	Product Name	Application Rate
Fluroxypyr	Starane Advanced	300mL/100L water
Fluroxypyr	Flagship 400	250mL/100L water

Giant rats tail grass

Sporobolus pyramidalis



Boom application		
Active ingredient	Product Name	Application Rate
Flupropanate	GP Flupropanate Granular	15kg/ha
Flupropanate	Tussock	2L/ha
High volume spraying		
Active ingredient	Product Name	Application Rate
Flupropanate	Tussock	200mL/100L water
Glyphosate	Roundup Biactive	10-15mL/L
Spot application		
Active ingredient	Product Name	Application Rate
Flupropanate	GP Flupropanate Granular	1.5g/m ²

Navua sedge

Cyperus aromaticus



Boom application

Active ingredient	Product Name	Application Rate
Halosulfuron-methyl	Sempre	2 applications of 65 – 100g/ha
High volume spraying		
Active ingredient	Product Name	Application Rate
Halosulfuron-methyl	Sempre	1g/100L water to treat 100m

Lantana

Lantana camara



Cut stump		
Active ingredient	Product Name	Application Rate
Picloram + triclopyr	Access	1L/60L diesel
Triclopyr	Garlon 600	2L/60L diesel
Hand application		
Active ingredient	Product Name	Application Rate
Tebuthiuron	Graslan	2gm/m2

Lantana

Lantana camara

High volume spraying		
Active ingredient	Product Name	Application Rate
2,4-D	Amicide 625	320mL/100L water
2,4-D + picloram	Tordon 75	650mL/100L water
Aminopyralid + metsulfuron-methyl	Stinger	20g/100L water
Aminopyralid + picloram + triclopyr	Grazon Extra	350-750mL/100L water
Dichlorprop	Lantana 600	1L/200L water
Fluroxypyr	Starane Advanced	300 – 600mL/100L water
Fluroxypyr	Flagship 400	250 – 500 mL/100L water
Glyphosate	Roundup Biactive	10mL/L
Picloram + triclopyr	Fightback	350 – 750mL/100L water
Metsulfuron-methyl	Associate	10g/100L water
Gas gun		
Active ingredient	Product Name	Application Rate
Metsulfuron-methyl	Associate	2 g/L + Pulse® Penetrant (10mL/5L)

Japanese sunflower

Tithonia diversifolia



High volume spraying		
Active ingredient	Product Name	Application Rate
Aminopyralid + picloram + triclopyr	Grazon Extra	350mL/100L water
Picloram + triclopyr	Fightback	350mL/100L water
Metsulfuron-methyl	Associate	10g/100L water

Giant bramble

Rubus alceifolius



High volume spraying

Active ingredient	Product Name	Application Rate
Aminopyralid + picloram + triclopyr	Grazon Extra	500mL/100L water
Picloram	Stuka Flexi	210 mL + 250 mL triclopyr 600 g/L + 100mL wetter/ 100L water
Aminopyralid	Grindstone	20mL + 500mL Fightback/ 100L water
Picloram + triclopyr	Fightback	500mL/100L water

Snakeweed

Stachytarpheta cayennensis



Boom application		
Active ingredient	Product Name	Application Rate
2,4-D	Amicide 625	1.8L/ha
High volume spraying		
Active ingredient	Product Name	Application Rate
2,4-D	Amicide 625	320mL/100L water
Fluroxypyr	Starane Advanced	450mL/100L water + Uptake spray oil

Privet

Ligustrum sinense



High volume spraying

Active ingredient	Product Name	Application Rate
Metsulfuron-methyl	Associate	10g/100L water

Gas gun

Active ingredient	Product Name	Application Rate
Metsulfuron-methyl	Associate	1 g/L + Pulse Penetrant (10mL/5L)

Cut stump

Active ingredient	Product Name	Application Rate
Glyphosate	Roundup Biactive	1:1 mixture product: water

Blady grass

Imperata cylindrica



High volume spraying

Active ingredient	Product Name	Application Rate	Notes
Glyphosate	Roundup Biactive	13mL/1L	Spot spray ONLY

Spinyhead sida

Sida acuta



Boom application		
Active ingredient	Product Name	Application Rate
2,4-D	Amicide 625	1.8L/ha
Fluroxypyr	Starane Advanced	900mL/ha + 1L/ha Uptake spray oil
High volume spraying		
Active ingredient	Product Name	Application Rate
Fluroxypyr	Starane Advanced	600mL/100L water

Weeds that do not have chemical control methods available

Situation	Recommendation
Few plants	Dig out and remove
Large infestation	Spot spray with Roundup
Weeds across majority of paddock	<ol style="list-style-type: none"> 1. Spray with Roundup 2. Plough out and plant winter oats, followed by summer sorghum forage and spray atrazine in crop to reduce weed burden 3. Next summer plant improved pasture

Chinese burr

Urena lobata



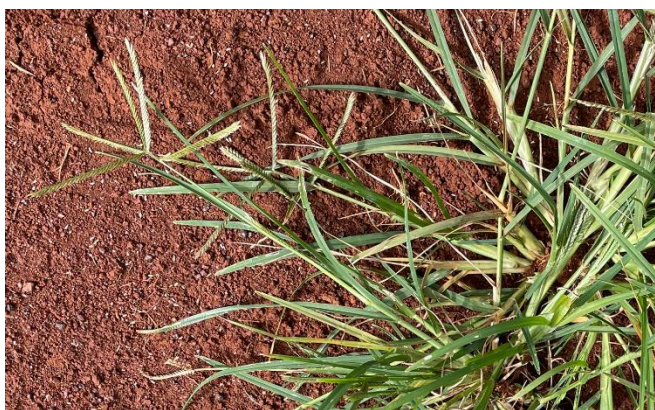
Forest bluegrass

Bothriochloa bladhii



Crowsfoot grass

Eleusine indica



Gambia pea

Crotalaria goreensis



Praxelis

Praxelis clematidea



The information provided in this booklet has been sourced from the below chemical labels:

2,4-D Amine 625 <https://www.adama.com/australia/en/crop-protection/herbicides/24d-amine625>

Kamba 750 <https://nufarm.com/au/product/kamba-750/>

Kamba M <https://nufarm.com/au/product/kamba-m/>

Tordon 75-D <https://www.corteva.com.au/products-and-solutions/crop-protection/tordon-75-d.html>

Starane Advanced <https://www.corteva.com.au/products-and-solutions/crop-protection/starane-advanced.html>

Grazon Extra <https://www.corteva.com.au/products-and-solutions/crop-protection/grazon-extra.html>

Lontrel Advanced <https://www.corteva.com.au/products-and-solutions/crop-protection/lontrel-advanced.html>

Flagship 400 <https://www.adama.com/australia/en/crop-protection-solutions/herbicide/flagship-400>

Fightback <https://www.adama.com/australia/en/crop-protection/herbicide/fightback>

Associate <https://nufarm.com/au/product/associate/>

Roundup Biactive <https://www.crop.bayer.com.au/products/herbicides/roundup-biactive-herbicide>

Vigilant II <https://www.corteva.com.au/products-and-solutions/crop-protection/vigilant-ii.html>

Access <https://www.corteva.com.au/products-and-solutions/crop-protection/access.html>

GP Flupropanate <https://www.granularproducts.com/products/gp-flupropanate/>

Tussock <https://www.growchoice.com.au/product-range/tussock-herbicide>

Sempre <https://nufarm.com/au/product/sempra/>

Graslan <https://ag.fmc.com/au/en/crops/crop-solution-type/graslan-herbicide>

Garlon 600 <https://www.corteva.com.au/products-and-solutions/crop-protection/garlon-600.html>

Stinger <https://www.corteva.us/products-and-solutions/crop-protection/stinger.html>

Lantana 600
[http://m.sipcam.com.au/custom/products/L/Lantana%20600/Lantana %20Word%20for%20Web%20label 13 062019.pdf](http://m.sipcam.com.au/custom/products/L/Lantana%20600/Lantana%20Word%20for%20Web%20label%2013062019.pdf)

Stuka Flexi <https://www.farmalinx.com.au/product/stuka-flexi-herbicide/>

Grindstone <https://www.adama.com/australia/en/crop-protection/agtech/grindstone>

Disclaimer: The information provided in this booklet is current as of November 2024. Chemical registrations are continuously changing so check the chemical label or the APVMA website for up-to-date information.

For more information or to contact your location beef extension officer please visit <https://futurebeef.com.au/>



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