

# 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 trilobata*



**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 <sup>2</sup>

## Navua sedge

*Cyperus aromaticus*



### Boom application

Active ingredient	Product Name	Application Rate
Halosulfuron-methyl	Sempra	2 applications of 65 – 100g/ha
High volume spraying		
Active ingredient	Product Name	Application Rate
Halosulfuron-methyl	Sempra	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/m <sup>2</sup>

## 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"><li>1. Spray with Roundup</li><li>2. Plough out and plant winter oats, followed by summer sorghum forage and spray atrazine in crop to reduce weed burden</li><li>3. Next summer plant improved pasture</li></ol>

### 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 13062019.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>

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



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