



# Picoflex™

## Picoflex™ Product Overview

Picoflex™ herbicide offers growers flexible and selective weed control across multiple crop and non-crop scenarios. Picoflex™ contains the active ingredient picloram which is currently present as a co-mix partner in the Adama branded products Enforcer 242, Enforcer 75-D and Fightback. Picoflex™ available as a concentrated spike, delivers flexibility through choice of tank mix partner matched to the right weed, crop, fallow or non-crop scenario.

## Mode of Action

**GROUP** | **HERBICIDE**

Picoflex™ present as an SL (soluble liquid concentrate), contains 240 g/L Picloram present as a potassium salt. Picoflex™ is a selective pyridine herbicide with activity on annual and perennial broadleaf weeds. Picoflex™ controls target weeds through imitating naturally occurring plant auxins or hormones, leading to abnormal plant growth resulting in plant death.

## Target Weeds

When tank mixed with Adama MCPA 750, 2,4-D Amine, Safari® 750, Wipe-Out® Pro or Wipe-Out® 450.

Amaranthus spp.	Annual Ground Cherry	Bathurst Burr
Bellvine	Black Pigweed	Blackberry Nightshade*
Bladder Ketmia	Caltrop	Camel Melon
Capeweed	Climbing Buckwheat (Black Bindweed)	Common Sowthistle
Cow Vine	Cucumber Melon	Doublegee / Spiny Emex
Fat Hen	Fleabane	Hexham Scent
Lucerne (established)	Mintweed	Morning Glory
Mustard Weed	New Zealand Spinach*	Noogoora Burr
Parthenium Weed	Polymeria pusilla	Prickly Paddy Melon
Redroot Amaranth	Saffron Thistle	Sesbania Pea
Sicklepod	Skeleton Weed	Stinking Roger
Thornapple (Datura spp.)	Turnip Weed	Variegated Thistle
Wandering Jew	Wild Gooseberry	Wild Radish
Wild Turnip	Wireweed	

\*Suppression only

## Use Recommendations Cereal and Fallow

Rainfast will be determined by tank mix partner.

### Cereal Crops (QLD /NSW) for the control and suppression of a range of annual broadleaf weeds.

- Barley, Oats, Triticale and Wheat Z22-Z30: 110 mL Picoflex™ + Adama MCPA 750
- Barley, Oats, Triticale and Wheat Z23-30: 95 mL Picoflex™ + Adama 2,4-D Amine 625 or Zulu® XT

### Fallow prior to sowing winter cereals (QLD/NSW)

- 220-315 mL Picoflex™ + Adama 2,4-D Amine 625 or Zulu® XT + Wipe-Out® 450
- 85-165 mL Picoflex™ + Safari® 750EC + Wipe-Out® 450 + Uptake\* 0.5% - for the control of Camel Melon, Prickly Paddy Melon and other annual broadleaf weeds as per the label.

**For use in other states and crop, fallow or non-crop situations please refer to the label.**

**Withholding Periods: DO NOT GRAZE OR CUT CROPS OR PASTURES FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.**

**SUGAR CANE: DO NOT HARVEST FOR 8 WEEKS AFTER APPLICATION. DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 8 WEEKS AFTER APPLICATION.**



## Compatibility

### Compatible products

- Broadleaf Herbicides: Farmozine, diquat, Eclipse\*, Bronco® 400, Victory®, Victory® 750SG, Vortex®, Adama MCPA 750, Adama LVE MCPA 570, Lynx® WG, Flagship® 400, Adama 2,4-D Amine 625, Zulu® XT, Safari® 750EC, Wipe-Out® 450 and Wipe-Out® Pro
- Grass Herbicides: Mandate® - Wild Oats and Annual Phalaris only
- Insecticides: Adama Dimethoate
- Adjuvants: Wetspray® 1000, Uptake\* Spraying Oil and Hasten\*

**Not Compatible:** Picoflex™ is not compatible with zinc products e.g. zinc dextrose and zinc heptahydrate, copper salts e.g. copper sulphate and manganese sulphate. Do not use with hard water or water clarified with alum.

## Environmental Fate

Picoflex™ is non-volatile, moderate to high persistence and very mobile in the soil. Pathways for breakdown or loss include slow microbial breakdown, leaching and photo-degradation.

Persistence is dependent on rainfall and soil temperature. In the season following application of Picoflex™ sensitive crops may be adversely affected by soil residues.

**Picoflex™ residues can remain tied up in treated plant material and plantback periods do not commence until all treated stubble has broken down.**

### Rates of Picoflex™ up to 110 mL/ha (Northern NSW and QLD)

**Picoflex™ plantback periods do not commence until all treated stubble and plant residues have broken down.**

While picloram is water soluble and will easily wash off stubble, picloram residues that are trapped in the plant matrices i.e. stubble can cause damage to sensitive crops. In order for picloram tied up inside the plant to breakdown it needs to be released into the soil and microbially degraded before the plantback periods below commence.

Winter Crop	Plant-back Period (Months)	Summer Crop	Plant-back Period (Months)
Wheat	2	Sorghum	2
Barley	2	Cotton	12
Canola	4	Mung bean	12
Chickpea	6	Soybean	12
Faba bean	4		
Lucerne	9		

**For all regions outside of Northern NSW and QLD, sensitive crops i.e. cotton, legumes, vegetables, tomatoes, ornamentals and many other plants that are highly susceptible should not be sown for 12 months following the breakdown of treated plant residues.**

**Rates of Picoflex™ greater than 110 mL/ha:** DO NOT rotate susceptible plants until an adequately sensitive bioassay or chemical test shows that no detectable picloram is present in the soil.

## Features and Benefits

- Flexible tank mix partners increase options for weed control
- Reduced on farm and store inventory, reducing 6 products into 4
- Concentrated formulation, ability to dial up or down concentration of picloram to match weed targets, situation and residual required

Visit [adama.com](http://adama.com) for further details.

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Please note: This information is not intended to replace the product labels. Always read the complete product label appearing on the container before opening or using products. Product labels also available on [adama.com](http://adama.com)

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Simply. Grow. Together.

For more information on Picoflex™ scan here or visit [adama.com](http://adama.com)



For Technical Assistance:  
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**adama.com**

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