



ADAMA

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.

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.

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
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 (<i>Datura</i> spp.)	Turnip Weed
Variegated Thistle	Wandering Jew
Wild Gooseberry	Wild Radish
Wild Turnip	Wireweed

*Suppression only



Picoflex™

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.

SUGARCANE: 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.



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