



ADAMA

Picoflex®. The flexibility of picloram.

Tank-mixed with ADAMA selective or non-selective herbicides, Picoflex offers a broad range of solutions for the knockdown and residual control of broadleaf weeds in winter cereals, summer crops and fallow.

Product overview

Co-formulation herbicides, such as Enforcer® 242, Enforcer 75-D and Fightback®, provide convenient 'one drum' control of broadleaf and woody weeds in a range of in-crop, fallow and non-agricultural situations. However, often left-over product cannot be used until the following season. Picoflex herbicide gives agronomists and grain producers the flexibility to target specific broadleaf weeds in winter cereals, summer crops and fallow using a range of picloram application rates in combination with their preferred tank-mix partner.

Mode of action

GROUP 4 HERBICIDE

Picoflex contains 240 g/L of picloram in a soluble concentrate formulation. Picloram is a systemic pyridine herbicide that provides knockdown control of susceptible emerged broadleaf weeds and residual control of future germinations. Susceptible weeds treated with picloram exhibit symptoms typical of other auxin-herbicides, including bending and twisting of stems, petioles and leaves leading to plant death over a number of weeks.

Target weeds

Picoflex controls or suppresses more than 40 broadleaf weeds when tank-mixed with Adama MCPA 750, Zulu® XT, 2,4-D Amine 625, Safari® 750 or Wipe-Out® Pro.

Amaranthus spp.	Capeweed	Lucerne (established)	Redroot amaranth	Wandering jew
Annual ground cherry	Climbing buckwheat	Mintweed	Saffron thistle	Wild gooseberry
Bathurst burr	Common sowthistle	Morning glory	Sesbania pea	Wild radish
Bellvine	Cow vine	Mustard weed	Sicklepod	Wild turnip
Black pigweed	Cucumber melon	New Zealand spinach*	Skeleton weed	Wireweed
Blackberry nightshade*	Doublegee (spiny emex)	Noogoora burr	Stinking Roger	Volunteer legumes
Bladder ketmia	Fat hen	Parthenium weed	Thornapple (<i>Datura</i> spp.)	
Caltrop	Fleabane	<i>Polymeria pusilla</i>	Turnip weed	
Camel melon	Hexham Scent	Prickly paddy melon	Variegated thistle	

*Suppression only

At a glance

Flexible solutions	Picoflex can be used across a wide range of situations, application rates and tank-mix partners to best suit your target weed spectrum or application scenario.
Picoflex conversion calculator	Use the Picoflex conversion calculator to calculate the required volume of Picoflex and preferred tank-mix partner to achieve robust control of broadleaf weeds.
Excellent compatibility	Picoflex is compatible with dozens of other crop protection products, including 2,4-D, MCPA, triclopyr and glyphosate.
Concentrated formulation	Picoflex can be added as a low application 'spike' to your knockdown herbicide of choice.
Reduced inventory	Picoflex can be used in a wide range of post-emergent, fallow and non-crop situations throughout the year, minimising carry-over inventory of co-formulation herbicides.



HERBICIDE

Picoflex®

Post-emergent application in cereals

Apply in wheat, barley, triticale or oat crops from early tillering to first node detected (Z22-30). Apply at 65-110 mL/ha in a tank-mix with ADAMA MCPA 750, Zulu® XT or 2,4-D Amine 625 herbicides as per the directions for use on both product labels.

Application in fallow before planting winter cereals

Apply up to 315 mL/ha in a tank-mix with ADAMA Wipe-Out® Pro as per the directions for use on both product labels. The addition of Zulu® XT or Safari® 750 herbicides to this tank-mix will increase control of key broadleaf weeds, such as fleabane, melons and common sowthistle. Refer to the plant-back guidelines listed on the product label.

Application

Do not apply if rain is likely within one hour of application or if foliage is wet from rain or dew. Refer to the rainfast guidelines of the tank-mix partner product before application.

Ground application: Apply in a minimum spray volume of 50 L/ha.

Aerial application: Apply in a minimum spray volume of 20 L/ha.

Picoflex can damage sensitive crops if applied in conditions or with equipment that could result in off-target drift of spray droplets.

Compatibility

Picoflex is compatible with dozens of other crop protection products, including 2,4-D Amine 625, Zulu® XT, MCPA 750, LVE MCPA 570, Spraytop® and ADAMA Wipe-Out® Pro. For the full list of compatible products, please refer to the Picoflex compatibility guide located at adama.com. Note that 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 aluminium sulphate (alum).

Crop rotation recommendations

Picloram is water soluble and will easily wash off stubble. However, residues inside the plant need to be released into the soil and microbially degraded. The recommended plant-back periods do not commence until all treated stubble and plant residues have broken down. The plant-back period may be significantly longer if less than 100 mm rainfall occurs within four months of application. If applying Picoflex at rates greater than 110 mL/ha, do not plant susceptible crops without first conducting a bioassay.

Plant-back periods for Northern New South Wales and Queensland for rotational crops following application of Picoflex at 85-110 mL/ha on black cracking clay soils and a normal rainfall pattern.

Crop	Plant-back period (months)
Wheat	2
Barley	2
Canola	4
Chickpea	6
Faba bean	4
Lucerne	9
Sorghum	2
Cotton	12
Mung bean	12
Soybean	12

Withholding periods (winter cereals)

Grazing: Do not cut or graze crops for stock food for 7 days after application.

Harvest: Not required when used as directed.



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Always read the complete product label appearing on the container before opening or using products. ADA24348



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