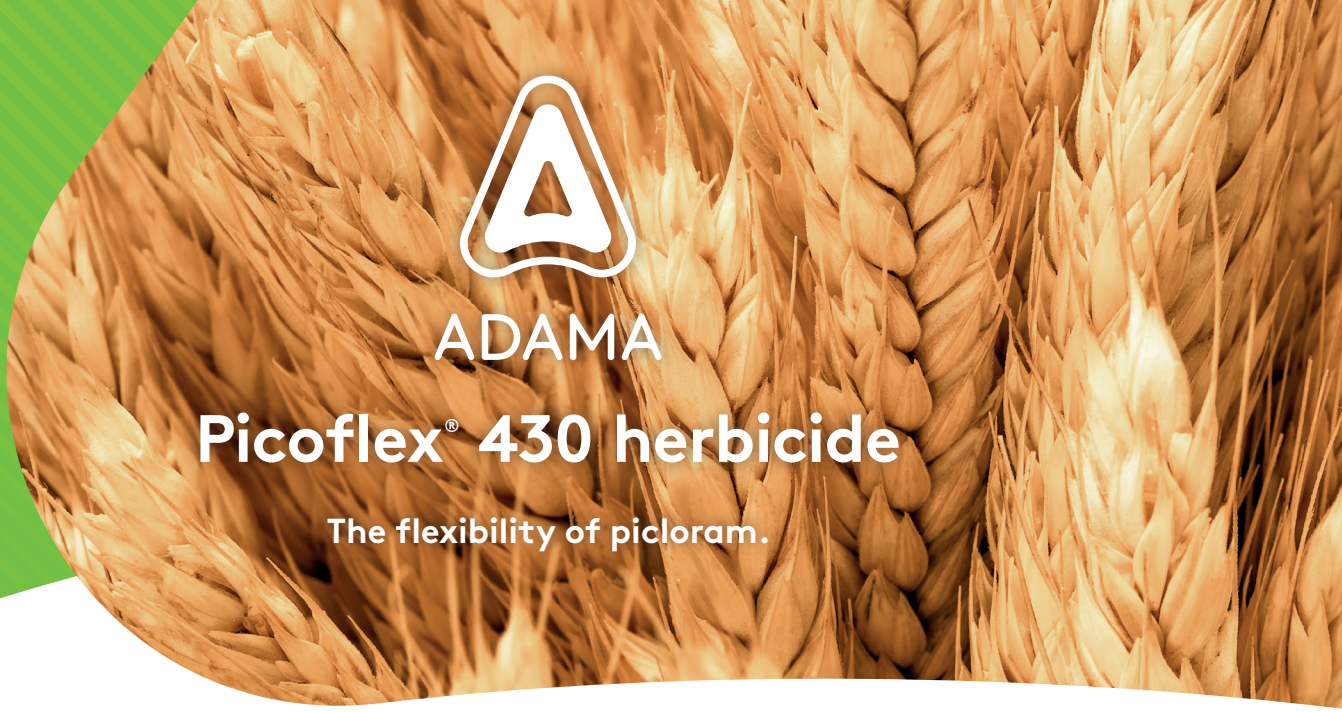


ADAMA

Picoflex® 430 herbicide

The flexibility of picloram.

Product overview

Tank-mixed with ADAMA selective or non-selective herbicides, Picoflex® 430 offers a broad range of solutions for the knockdown and residual control of an extensive range of annual and perennial broadleaf weeds and noxious and woody weeds. Picoflex 430 is registered for use in winter cereals, fallow, grass pasture, sorghum, sugarcane, maize, forests, agricultural non-crop areas, commercial and industrial areas and rights of way. Picoflex 430 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. In-crop application and extended residual control into the fallow results in cleaner fields post-harvest with respect to problematic weeds such as sowthistle and fleabane, whilst post-harvest fallow application provides knockdown with residual protection well into the fallow.

Mode of action

Picoflex 430 contains 430 g/L of picloram (Group 4) in a soluble concentrate (SL) 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.

Picoflex 430 rate conversion table	
Picoflex 240 rate/ha	Picoflex 430 rate/ha
85 mL	50 mL
110 mL	60 mL
220 mL	125 mL
470 mL	260 mL

Refer Picoflex 430 label for further use rates.

At a glance

Flexible solutions	Picoflex 430 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.
Unique use pattern	Picoflex 430 offers a unique registered use pattern with LVE MCPA 570 in winter cereals.
Excellent compatibility	Picoflex 430 is compatible with a broad range of other crop protection products, including 2,4-D, LVE MCPA 570, Priority®, Marathon®, MCPA 750, triclopyr, atrazine and glyphosate.
Concentrated formulation	Picoflex 430 can be added as a low application 'spike' to your knockdown herbicide of choice.
Reduced inventory	Picoflex 430 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.

Post-emergent application in cereals

Apply in wheat, barley, triticale or oat crops from early tillering to first node detected (GS22–30). Apply at 35–60 mL/ha in a tank-mix with LVE MCPA 570, Priority®, Marathon®, MCPA 750, Zulu® XT or 2,4-D Amine 625 herbicides as per the directions for use on product labels.

HERBICIDE

Target weeds

Picoflex 430 controls or suppresses more than 40 broadleaf weeds when tank-mixed with LVE MCPA 570, Priority®, Marathon®, MCPA 750, Zulu® XT, 2,4-D Amine 625, Farmozine® 900 WG, 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 (*Datura* spp.)	
Caltrop	Fleabane	*Polymeria pusilla*	Turnip weed	
Camel melon	Hexham Scent	Prickly paddy melon	Variegated thistle	

*Suppression only

Application in fallow before planting winter cereals

Apply up to 175 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 430 can damage sensitive crops if applied in conditions or with equipment that could result in off-target drift of spray droplets.

Compatibility

Picoflex 430 is compatible with a range of ADAMA herbicides and other crop protection products. Always follow the correct mixing order. Refer to the Picoflex 430 physical compatibility guide and correct mixing order guide at adama.com before use. Note that Picoflex 430 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 430 at rates greater than 60 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 50–60 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.

Scan here for more information

®Registered trademarks of an ADAMA Agricultural Solutions Ltd Company.
*Registered trademarks. Please note: This information is not intended to replace the product label.
Always read the complete product label appearing on the container before opening or using products. ADA26407.