



ADAMA

Picoflex® 430 herbicide

Physical compatibility and mixing guide

The following products have been tested for physical compatibility under constant agitation with Picoflex 430 SL herbicide. Maintain constant agitation during application. Tank-mixes must NOT be left in the spray tank overnight. Always follow best practice tank-mixing procedures – download at www.adama.com.

Table 1: Physical compatibility of herbicides mixed with Picoflex 430 SL.

Picoflex 430 application rate (mL/ha)	Partner product(s)	Partner application rate (mL or g/ha)	Water volume	Classification
260 mL	Bobcat® i-MAXX SG	630 g	200 L/ha at 5° C	Compatible
60 mL	Bronco® 400 EC	1100 mL	50 L/ha at 5° C	Compatible
175 mL	Cavalier® 240 EC	75 mL	50 L/ha at 5° C	Compatible
175 mL	Diquat SL	3000 mL	50 L/ha at 5° C	Compatible
260 mL	Diuron® 900 WG	1900 g	200 L/ha at 5° C	Compatible
260 mL	Farmozine® 900 WG	3300 g	200 L/ha at 5° C	Compatible
175 mL	Firepower® 900 EC Uptake*	90 mL 0.5% v/v	50 L/ha at 5° C	Compatible
60 mL	Flagship™ 400 EC	500 mL	50 L/ha at 5° C	Compatible
60 mL	Grindstone® SL	32 mL	50 L/ha at 5° C	Compatible
60 mL	Inego® EC Hasten*	250 mL 0.5% v/v	50 L/ha at 5° C	Compatible
60 mL	Intervix* SL Hasten*	750 mL 1% v/v	50 L/ha at 5° C	Compatible
175 mL	Kelpie* Rico 450 Gly SL BS1000*	2500 mL 0.2% v/v	50 L/ha at 5° C	Compatible
175 mL	Kelpie* Rico Gly 540 SL	2000 mL	50 L/ha at 5° C	Compatible
175 mL	Leopard® 200 EC BS1000*	500 mL 0.2% v/v	50 L/ha at 5° C	Compatible
60 mL	LVE MCPA 570 EC	740 mL	50 L/ha at 5° C	Compatible
60 mL	Mandate® EC Hasten*	125 mL 0.5% v/v	50 L/ha at 5° C	Compatible
60 mL	Metsulfuron WG BS1000*	5 g 0.2% v/v	50 L/ha at 5° C	Compatible
60 mL	MCPA 750 SL	560 mL	50 L/ha at 5° C	Compatible
260 mL	MCPA 750 SL	1450 mL	200 L/ha at 5° C	Compatible



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Table 1: Physical compatibility of herbicides mixed with Picoflex 430 SL (continued).

Picoflex 430 application rate (mL/ha)	Partner product(s)	Partner application rate (mL or g/ha)	Water volume	Classification
175 mL	Monsoon® EC	1300 mL	50 L/ha at 5° C	Compatible
260 mL	Palmero® TX WG	1000 g	200 L/ha at 5°C	Compatible
175 mL	Platinum® Xtra 360 EC Hasten*	330 mL 1% v/v	50 L/ha at 5° C	Compatible
60 mL	Priority® SC Hasten*	25 mL 1% v/v	50 L/ha at 5° C	Compatible
60 mL	Priority® SC LVE MCPA 570 EC Marathon® EC Hasten*	25 mL 1000 mL 165 mL 1% v/v	80 L at 5°C	Compatible
175 mL	Safari® 750 EC	200 mL	50 L/ha at 5° C	Compatible
175 mL	Safari® 750 EC Kelpie* Rico 450 Gly SL BS1000*	200 mL 200 mL 0.2% v/v	50 L/ha at 5° C	Compatible
175 mL	Shogun® EC Hasten*	500 mL 0.5% v/v	50 L/ha at 5° C	Compatible
125 mL	Spraytop® 250 SL	2400 mL	50 L/ha at 5° C	Compatible
60 mL	Victory® 600 SL	150 mL	50 L/ha at 5° C	Compatible
175 mL	Wipe-Out® Pro SL	2000 mL	50 L/ha at 5° C	Compatible
175 mL	Zulu® XT SL	1000 mL	50 L/ha at 5° C	Compatible

Table 2: Physical compatibility of insecticides mixed with Picoflex 430 SL.

Picoflex 430 application rate (mL/ha)	Partner product(s)	Partner application rate (mL or g/ha)	Water volume	Classification
60 mL	Alpha-Scud® 300 SC	35 mL	50 L/ha at 5° C	Compatible
60 mL	Dimethoate 400 EC	200 mL	50 L/ha at 5° C	Compatible
60 mL	Le-Mat* 290 SL	100 mL	50 L/ha at 5° C	Compatible
60 mL	Trojan* CS	8 mL	50 L/ha at 5° C	Compatible

Table 3: Physical compatibility of fungicides mixed with Picoflex 430 SL.

Picoflex 430 application rate (mL/ha)	Partner product(s)	Partner application rate (mL or g/ha)	Water volume	Classification
60 mL	Bumper® 625 EC	200 mL	50 L/ha at 5° C	Compatible
60 mL	Maxentis® Opti SC	400 mL	50 L/ha at 5° C	Compatible
60 mL	Mirador® 625 SC	250 mL	50 L/ha at 5° C	Compatible
60 mL	Orius® SC	290 mL	50 L/ha at 5° C	Compatible
60 mL	Proviso® Opti SC	240 mL	50 L/ha at 5° C	Compatible
60 mL	Radial® Opti SC	250 mL	50 L/ha at 5° C	Compatible
60 mL	Soprano® 500 SC	125 mL	50 L/ha at 5° C	Compatible
60 mL	Topnotch® SE	600 mL	50 L/ha at 5° C	Compatible
60 mL	Veritas® Opti SC	340 mL	50 L/ha at 5° C	Compatible



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Correct mixing order

Step 1	Fill the spray tank to at least 70% full. Commence agitation	
Step 2	Add any water conditioners (e.g. Ammonium Sulphate or LI 700*)	
Step 3	Add any Wettable powders (WP)	
Step 4	Add any Water Dispersible/Soluble Granules (WG/WDG/DF/SG) (e.g. Mentor® WG)	
Step 5	Allow sufficient time for any granular products to completely disperse	
Step 6	Add any Suspension Concentrate (SC) products (e.g. Priority® SC, Alpha-Scud® 300 SC, Veritas® SC)	
Step 7	Add any Dispersible concentrate (DC) products	
Step 8	Add any Suspo-emulsion (SE) or Emulsifiable Concentrate (EC) products (e.g. Bronco® 400 EC, Flagship™ 400 EC, LVE MCPA 570 EC, Marathon® EC)	
Step 9	Fill the spray tank to nearly full	
Step 10	Add any Soluble Liquid (SL) products (including Aqueous Concentrate (AC) products) (e.g. Picoflex® SL)	
Step 11	Add any Oil Dispersion (OD) products	
Step 12	Add adjuvants (e.g. BS 1000*) and oils (e.g. Hasten*) last and fill the tank.	

Compatible: The mixture is physically compatible, when correct mixing order is followed and mix is under constant agitation, in adequate volumes of water.

Caution: Allow sufficient time for each product to disperse uniformly throughout the tank before adding the next product. Constant agitation is required. Do not leave stand in the tank for any period of time.

Incompatible: This combination is not recommended.

Always read and follow the product label directions of all tank-mix partners. **Care must be taken when tank mixing more than two products, particularly products that are not manufactured by ADAMA, due to potential variation in formulations or product quality.** Seek competent advice or perform a jar test if unsure before proceeding. Note that physical compatibility tests determine whether the products will mix and are suitable for application using commercial spray equipment. Physical compatibility tests do not check for adverse crop effects or the biological efficacy of the individual products when applied as a tank-mix. Recommendations for use, handling, storage and disposal of products may also change over time. The information contained in this document is not intended to replace the product label. The product label, safety data sheet and supporting product information can be viewed on the ADAMA website (adama.com) or by scanning the QR code located on this document or the product packaging.



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