



ADAMA

## Marathon® herbicide

### Physical compatibility and mixing guide

The following products have been tested for physical compatibility under constant agitation with Marathon® EC 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](http://www.adama.com).

**Table 1: Physical compatibility of herbicides mixed with Marathon EC (165 mL/ha) + AMS (1 kg/100 L water) in 50 L water/ha at 5°C.**

Partner product (s)	Partner application rate (mL or g/ha)	Classification	Partner product (s)	Partner application rate (mL or g/ha)	Classification
Amine 625 SL Hasten*	1000 mL 1% v/v	Compatible	Metsulfuron WG BS1000*	7 g 0.2% v/v	Compatible
Broadstrike* WG Hasten*	25 g 1% v/v	Caution	MCPA 750 SL Hasten*	1000 mL 1% v/v	Compatible
Bronco® 400 EC Hasten*	525 mL 1% v/v	Compatible	Picoflex® 240 SL MCPA 750 SL Hasten*	110 mL 560 mL 1% v/v	Compatible
Bronco® MA-X EC Hasten*	500 mL 1% v/v	Compatible	Picoflex® 240 SL LVE MCPA 570 EC Hasten*	110 mL 740 mL 1% v/v	Compatible
Chlorsulfuron WG BS1000*	20 g 0.2% v/v	Compatible	Priority® SC Hasten*	25 mL 1% v/v	Compatible
Colt® EC BS1000*	1000 mL 0.2%	Caution	Priority® SC LVE MCPA 570 EC Hasten*	25 mL 1000 mL 1% v/v	Compatible
Countdown® EC Hasten*	2500 mL 1% v/v	Compatible	Priority® SC LVE MCPA 570 EC Picoflex® 240 SL Hasten*	25 mL 1000 mL 110 mL 1% v/v	Compatible
Cutlass® 500 SL Hasten*	280 mL 1% v/v	Compatible	Priority® SC LVE MCPA 570 EC Picoflex® 430 SL Hasten*	25 mL 1000 mL 60 mL 1% v/v	Compatible
Flagship™ 400 EC Hasten*	500 mL 1% v/v	Compatible	Quadrant® EC BS1000*	1000 mL 0.2% v/v	Compatible
Inego® EC BS1000*	250 mL 0.2% v/v	Compatible	Triathlon® EC BS1000*	1000 mL 0.2% v/v	Compatible
Legacy® MA EC BS1000*	1000 mL 0.2% v/v	Compatible	Victory® 600 SL Hasten*	150 mL 1% v/v	Compatible
LVE MCPA 570 EC Hasten*	800 mL 1% v/v	Compatible	Zulu® XT SL Hasten*	1000 mL 1% v/v	Compatible
Mandate® EC Hasten*	160 mL 0.5% v/v	Compatible			
Marathon® EC LVE MCPA 570 EC Hasten*	220 mL 440 mL 1% v/v	Compatible			
Marathon® EC MCPA 750 SL Hasten*	220 mL 330 mL 1% v/v	Compatible			



HERBICIDE

**Table 2: Physical compatibility of insecticides mixed with Marathon EC (165 mL/ha) + AMS (1 kg/100 L water) in 50 L water/ha at 5°C.**

Partner product (s)	Partner application rate (mL or g/ha)	Classification
Alpha-Scud® 300 SC Hasten*	35 mL 1% v/v	Compatible
Dimethoate 400 EC Hasten*	200 mL 1% v/v	Compatible
Le-Mat* 290 SL Hasten*	100 mL 1% v/v	Compatible
Receptor® 400 SC Hasten*	165 mL 1% v/v	Caution
Trojan* CS Hasten*	8 mL 1% v/v	Compatible
Venom® 240 SC Hasten*	2000 mL 1% v/v	Compatible

**Table 3: Physical compatibility of fungicides mixed with Marathon EC (165 mL/ha) + AMS (1 kg/100 L water) in 50 L water/ha at 5°C.**

Partner product (s)	Partner application rate (mL or g/ha)	Classification
Bumper® 625 EC Hasten*	200 mL 1% v/v	Compatible
Maxentis® Opti SC Hasten*	400 mL 1% v/v	Caution
Orius® SC Hasten*	290 mL 1% v/v	Compatible
Proviso® Opti SC BS1000*	240 mL 0.25% v/v	Compatible
Radial® Opti SC Hasten*	250 mL 1% v/v	Compatible
Topnotch® SE Hasten*	600 mL 1% v/v	Caution
Veritas® Opti SC Hasten*	340 mL 1% v/v	Compatible

**Table 4: Physical compatibility of liquid fertiliser mixed with Marathon EC (165 mL/ha) + AMS (1 kg/100 L water) in 40 L water/ha at 5°C.**

Partner product (s)	Partner application rate (mL or g/ha)	Classification
Flexi-N Hasten*	40 L 1% v/v	Compatible

## Correct mixing order

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



Scan here for more information

\*Registered trademarks. ©Registered trademarks of an ADAMA Agricultural Solutions Ltd Company. 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. ADA25206.



HERBICIDE

ADAMA.COM

1800 4 ADAMA

