



ADAMA

# Triathlon® herbicide

## Physical compatibility guide

The following products have been tested for physical compatibility under constant agitation with Triathlon® 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). **Note:** DO NOT use crop oils with Triathlon® alone or in tank-mixes with other products to minimise the risk of adverse crop effects.

### Winter cereals

**Table 1: Physical compatibility of herbicides mixed with Triathlon® EC @ 1000 mL/ha in 50 L water/ha at 5°C.**

Partner product	Partner application rate (mL or g/ha)	Classification
Chlorsulfuron WG BS1000*	20 g 0.2% v/v	<b>Compatible</b>
Countdown® EC	2500 mL	<b>Compatible</b>
Cutlass® 500 SL	280 mL	<b>Compatible</b>
Flagship™ 400 EC	500 mL	<b>Compatible</b>
Inego® EC BS1000*	250 mL 0.2% v/v	<b>Compatible</b>
LVE MCPA 570 EC	800 mL	<b>Compatible</b>
Mandate® EC BS1000*	160 mL 0.2% v/v	<b>Compatible</b>
Marathon® EC BS1000*	165 mL 0.2% v/v	<b>Compatible</b>
Metsulfuron WG BS1000*	7 g 0.2% v/v	<b>Compatible</b>
Priority® SC BS1000*	25 mL 0.2% v/v	<b>Compatible</b>
Victory® 600 SL	150 mL	<b>Compatible</b>
Zulu® XT SL	1000 mL	<b>Compatible</b>

**Table 2: Physical compatibility of insecticides mixed with Triathlon® EC @ 1000 mL/ha in 50 L water/ha at 5°C.**

Partner product	Partner application rate (mL or g/ha)	Classification
Alpha-Scud® 300 SC	35 mL	<b>Compatible</b>
Dimethoate 400 EC	200 mL	<b>Compatible</b>
Le-Mat* 290 SL	100 mL	<b>Compatible</b>
Receptor® SC	400 mL	<b>Compatible</b>
Trojan* CS	8 mL	<b>Compatible</b>
Venom® 240 SC	83 mL	<b>Compatible</b>

**Compatible:** This mixture is physically compatible when the correct mixing order is followed and mix is under constant agitation, in adequate volumes of water. Allow sufficient time for each product to disperse uniformly through the tank before adding the next product.

**Caution:** Extra care is required with product addition and dispersion to ensure compatibility- allow longer time for dispersion before addition of further products. Higher water rates may improve compatibility. Check filters and clean between loads. Differences in product brands and formulations can vary outcomes. Do not leave to stand in the tank for any period of time.

**Incompatible:** This combination is not recommended.



HERBICIDE

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**Table 3: Physical compatibility of fungicides mixed with Triathlon® EC @ 1000 mL/ha in 50 L water/ha at 5°C**

Partner product	Partner application rate (mL or g/ha)	Classification
Bumper® 625 EC	200 mL	Compatible
Maxentis® Opti SC	400 mL	Compatible
Orius® SC	290 mL	Compatible
Proviso® Opti SC	240 mL	Compatible
Radial® Opti SC	250 mL	Compatible
Topnotch® SE	600 mL	Incompatible (Compatible in 80 L water/ha)
Veritas® Opti SC	340 mL	Compatible

## Pasture

**Table 1: Physical compatibility of herbicides mixed with Triathlon® EC @ 1000 mL/ha in 50 L water/ha at 5°C.**

Partner product (s)	Partner application rate (mL or g/ha)	Classification
Buttress* SL	3200 mL	Compatible
Leopard® 200 EC BS1000*	375 mL 0.2% v/v	Compatible
Platinum® Xtra 360 EC BS1000*	330 mL 0.2% v/v	Compatible
Simanex® WG	900 gm	Compatible
Simanex® WG Spraytop® 250 SL	800 gm 160 mL	Compatible
Simanex® WG Spraytop® 330 SL	800 gm 120 mL	Compatible

NOTE: Triathlon Grazing WHP is 8 weeks. Also refer herbicide tank-mix partner labels for their respective Grazing WHP.

## Mixing order

The order in which chemicals are loaded into the spray tank can affect the level of physical compatibility and the following chart is a guide as to the order that should be followed.

<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 (WP)	
<b>Step 4</b>	Add any Water Dispersible/Soluble Granules (WG/WDG/DF/SG) (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 (SC) products (e.g Priority® SC, Alpha-Scud® 300 SC, Veritas® SC)	
<b>Step 7</b>	Add any Dispersible concentrate (DC) products	
<b>Step 8</b>	Add any Suspo-emulsion (SE) or Emulsifiable Concentrate (EC) products (e.g. Flagship™ 400 EC, LVE MCPA 570 EC, Marathon® EC, Triathlon®)	
<b>Step 9</b>	Fill the spray tank to nearly full	
<b>Step 10</b>	Add any Soluble Liquid (SL) products (including Aqueous Concentrate (AC) products) (e.g. Picoflex® SL)	
<b>Step 11</b>	Add any Oil Dispersion (OD) products	
<b>Step 12</b>	Add adjuvants (e.g. BS 1000*) and oils (e.g. Hasten®) last and fill the tank.	

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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