



ADAMA

Colt®

Physical compatibility guide

The following products have been tested for physical compatibility under constant agitation with Colt® 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.

Winter cereals

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

Partner product	Partner application rate (mL or g/ha)	Classification
2,4-D Amine 625 SL	1000 mL	Compatible
Chlorsulfuron WG BS1000*	20 g 0.2% v/v	Compatible
Countdown® EC	2500 mL	Compatible
Cutlass® 500 SL	280 mL	Compatible
Flagship™ 400 EC	500 mL	Compatible
Inego® EC BS1000*	250 mL 0.2% v/v	Compatible
LVE MCPA 570 EC	800 mL	Compatible
Mandate® EC BS1000*	160 mL 0.2% v/v	Compatible
Marathon® EC BS1000*	165 mL 0.2% v/v	Compatible
MCPA 750 SL	1000 mL	Compatible
Metsulfuron WG BS1000*	7 g 0.2% v/v	Compatible
Priority® SC BS1000*	25 mL 0.2% v/v	Compatible
Victory® 600 SL	150 mL	Compatible
Zulu® XT SL	1000 mL	Compatible

Table 2: Physical compatibility of insecticides mixed with Colt® @ 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	Compatible
Dimethoate 400 EC	200 mL	Compatible
Le-Mat* 290 SL	100 mL	Compatible
Receptor® SC	400 mL	Compatible
Trojan* CS	8 mL	Compatible
Venom® 240 SC	83 mL	Compatible

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

Table 3: Physical compatibility of fungicides mixed with Colt® @ 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 (in 80 L water/ha)
Orius® SC	290 mL	Compatible
Proviso® Opti SC BS1000*	240 mL 0.25% v/v	Compatible (in 80 L water/ha)
Radial® Opti SC BS1000*	250 mL 0.25% v/v	Compatible (in 80 L water/ha)
Topnotch® SE	600 mL	Compatible
Veritas® Opti SC	340 mL	Compatible (in 80 L water/ha)

Pasture

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

Partner product(s)	Partner application rate (mL or g/ha)	Classification
Broadstrike® WG	25 g	Compatible
Leopard® 200 EC BS1000*	375 mL 0.2% v/v	Compatible
LVE MCPA 570 EC Buttress® SL	350 mL 3200 mL	Compatible
Platinum® Xtra 360 EC BS1000*	330 mL 0.2% v/v	Compatible
Shogun® EC BS1000*	300 mL 0.2% v/v	Compatible
Simanex® WG Colt® EC	900 g 750 mL	Compatible (in 80 L water/ha)

NOTE: Colt Grazing WHP is 8 weeks. Also refer to 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.

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. Colt® EC, Flagship™ 400 EC, Legacy® MA EC, LVE MCPA 570 EC, Marathon® EC, Triathlon® 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.	

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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