



ADAMA

Monsoon® herbicide

Physical compatibility guide

The following products have been tested for physical compatibility under constant agitation with Monsoon® herbicide. Maintain constant agitation during application. Always follow best practice tank-mixing procedures – download at www.adama.com.

Table 1. The following herbicides have been assessed for physical compatibility with Monsoon (1300 mL/ha in 50 L water/ha at 5°C) in fallow situations.

Partner product(s)	Partner application rate (mL or g/ha)	Adjuvant	Classification
Gladiator* CT SL	2500	BS1000* (0.2% v/v)	Compatible
Wipe-Out® Pro SL	2000	BS1000* (0.2% v/v)	Compatible
Crucial* SL	2000	BS1000* (0.2% v/v)	Compatible
Weedmaster* DST* SL	2000	BS1000* (0.2% v/v)	Compatible
Roundup Ready* PL Plantshield* SL	2000	BS1000* (0.2% v/v)	Caution
Spraytop® 250 SL	2400	BS1000* (0.2% v/v)	Compatible
Spraytop® 330 SL	1800	BS1000* (0.2% v/v)	Compatible
Gramoxone* 360 Pro SL	1670	BS1000* (0.2% v/v) NB: Add prior to Gramoxone.	Compatible
Basta* SL	3000	BS1000* (0.2% v/v)	Compatible
Grindstone® SL	32	BS1000* (0.2% v/v)	Compatible
Sierra® 160 SL	150	BS1000* (0.2% v/v)	Compatible
2,4-D LV Ester 680 EC	2400	BS1000* (0.2% v/v)	Compatible
2,4-D Amine 625 SL	1600	BS1000* (0.2% v/v)	Compatible
Zulu® XT SL	1100	BS1000* (0.2% v/v)	Compatible
Dropzone* SL	1370	BS1000* (0.2% v/v)	Compatible
Colex-D* SL	1770	BS1000* (0.2% v/v)	Compatible
Priority® SC	25	BS1000* (0.2% v/v)	Compatible
Metsulfuron-methyl 600 WG	7	BS1000* (0.2% v/v)	Compatible

Table 2: The following herbicides have been assessed for physical compatibility with Monsoon (4000 mL/ha in 100 L water/ha at 5°C) in Optical Spot Spray Technology (OSST) situations.

Partner product(s)	Partner application rate (mL or g/ha)	Adjuvant	Classification
Gladiator* CT SL Firepower® 900 EC	2000 90	Uptake* (0.5% v/v)	Compatible
Gladiator* CT SL Platinum® Xtra 360 EC	2000 330	Uptake* (0.5% v/v)	Compatible
Gladiator* CT SL Leopard® 200 EC	2000 500	Uptake* (0.5% v/v)	Compatible
Basta* SL	5000	Uptake* (0.5% v/v)	Compatible



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Monsoon[®] herbicide

Table 3: The following herbicides have been assessed for physical compatibility with Monsoon (1000 or 800 mL/ha in 50 L water/ha at 5°C) in winter cereals.

Partner product(s)	Partner application rate (mL or g/ha)	Classification
LVE MCPA 570 EC ^a	350	Caution
Picoflex [®] SL ^b	110	Compatible
MCPA 750 SL ^b	560	Compatible
Zulu [®] XT SL ^b	1460	Compatible

^aMonsoon 1000 mL/ha. ^bMonsoon 800 mL/ha.

Table 4: The following insecticides have been assessed for physical compatibility with Monsoon (1300 mL/ha in 50 L water/ha at 5°C).

Partner product(s)	Partner application rate (mL or g/ha)	Classification
Alpha-Scud [®] 300 SC Uptake*	100 0.5% v/v	Compatible
Dimethoate [®] EC Uptake*	300 0.5% v/v	Compatible
Trojan* CS Uptake*	35 0.5% v/v	Compatible

Table 5: The following fungicides have been assessed for physical compatibility with Monsoon (1300 mL/ha in 50 L water/ha at 5°C).

Partner product(s)	Partner application rate (mL or g/ha)	Classification
Bumper [®] 625 EC	200	Compatible
Orius [®] 430 SC	290	Compatible
Radial [®] Opti SC	250	Compatible
Topnotch [®] SE	600	Compatible

Correct mixing order

Step 1	Fill the spray tank to at least 70% full. Commence agitation	
Step 2	Add any water conditioners 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. Farmozine [®] 900 WG	
Step 5	Allow sufficient time for any granular products to completely disperse	
Step 6	Add any Suspension Concentrate (SC) products e.g. Priority [®]	
Step 7	Add any Dispersible concentrate (DC) products	
Step 8	Add any Suspo-emulsion (SE) e.g. Topnotch [®] or Emulsifiable Concentrate (EC) products e.g. Platinum [®] Xtra 360	
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 [®] , Zulu [®] XT, MCPA 750	
Step 11	Add any SL glyphosate products e.g. Wipe-Out[®] Pro or paraquat products e.g. Spraytop[®]	
Step 12	Add any Oil Dispersion (OD) products	
Step 13	Add adjuvants e.g. BS1000* and Oils e.g. Uptake* or Hasten* last and fill the tank.	



Compatible: The mixture is physically compatible.

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

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 www.adama.com or by scanning the QR code located on this document or the product packaging.



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