



ADAMA

## Sierra® herbicide

### Physical compatibility guide

The following products have been tested for physical compatibility under constant agitation with Sierra® SL herbicide. Refer to mixing and correct mixing order instructions below. Maintain constant agitation during application. Tank-mixes must NOT be left in the spray tank overnight.

**Table 1: Physical compatibility of herbicides with Sierra SL (150 mL/ha).**

Partner product (s)	Partner application rate	Water volume (L/ha)	Classification
Glyphosate 450 g/L (IPA) SL Hasten*	1500 mL 1%	80	Compatible
Wipe-Out® Pro SL Hasten*	1650 mL/ha 1%	80	Compatible
Crucial* SL Hasten*	1500 mL/ha 1%	80	Compatible
Weedmaster* DST* SL Hasten*	1900 mL/ha 1%	80	Compatible
Roundup UltraMAX* SL Hasten*	1600 mL/ha 1%	100	Compatible
Spraytop® 250 SL Hasten*	2400 mL/ha 1%	80	Compatible
Spraytop® 330 SL Hasten*	1800 mL/ha 1%	80	Compatible
BS1000*# Gramoxone* 360 Pro SL	0.25% 1670 mL/ha	80	Compatible
SpraySeed* SL Hasten*	2400 mL/ha 1%	80	Compatible
2,4-D Amine 625 SL Hasten*	1700 mL/ha 1%	80	Compatible
Zulu® XT SL Hasten*	1500 mL/ha 1%	80	Compatible
2,4-D LV Ester 680 EC Hasten*	800 mL/ha 1%	80	Compatible
Flagship™ 400 EC Hasten*	375 mL/ha 1%	80	Compatible

#Add BS1000 prior to Gramoxone\* 360 Pro.

**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.



HERBICIDE

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## Use of surfactant/wetting agent

Always use with a blended methylated/ethylated seed oil at 1% v/v (e.g. Hasten\*, Plantocrop\* or Kwickin\*). Not all surfactants or crop oils are of equal quality. ADAMA Australia does not support the use of alternative products other than those listed in the compatibility section of the label.

## Water quality

The performance of Sierra® herbicide is not impacted by alkaline water. However, check tank-mix partner herbicide sensitivities to alkaline water quality characteristics and address as appropriate. The addition of ammonium sulphate (AMS) is recommended where water hardness is an issue.

## Mixing

**Completely fill the spray tank with water, leaving sufficient room for the addition of products and commence agitation.** If required, add any WG or SC partners before any EC products. Allow sufficient time for granular products to completely disperse before continuing to add additional products to the tank mix. Add Sierra® herbicide to the tank, and once dispersed, add additional SL formulations of glyphosate or paraquat. Once all crop protection partners are dispersed completely, add the surfactant as recommended on the label and in this guide to the tank. Good agitation must be maintained at all times during application.

## Correct mixing order

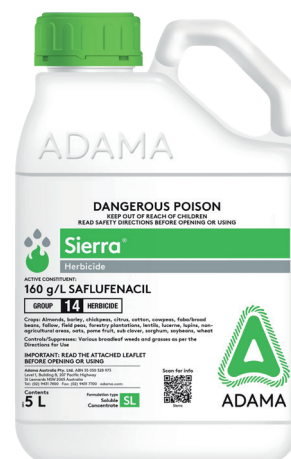
Step 1	Fill the spray tank to at least 70% full. Commence agitation	
Step 2	Add any water conditioners (e.g. Ammonium Sulphate or LI 700*)	
Step 3	Add any Wettable powders (WP)	
Step 4	Add any Water Dispersible/Soluble Granules (WG/WDG/DF/SG) (e.g. Mentor® WG)	
Step 5	Allow sufficient time for any granular 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)	
Step 9	Fill the spray tank to nearly full	
Step 10	Add any Soluble Liquid (SL) products (including Aqueous Concentrate (AC) products) (e.g. Zulu® XT, glyphosate or paraquat products)	
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 [www.adama.com](http://www.adama.com) or by scanning the QR code located on this document or the product packaging.



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