Suspension Concentrate (SC) Mixing Guide

PRE-CHECKS

Refer to the COMPATIBILITY section of the Product Label (and separate Product Physical compatibility guide if available) and tank mix sequence guide at adama.com in addition to tank-mix partner Product Labels before use.

Observe warnings or avoid potentially problematic tank-mix partners unless information supports usage.

Ensure main / primary and inline filters are no finer than 80 mesh but ideally use no finer than 50 mesh. Over filtering may cause spray line blockages.

This is a Suspension Concentrate (SC) formulation- SHAKE/AGITATE product thoroughly prior to use.

MIXING

1. Fill Spray Tank to minimum 70% capacity with clean water.
2. Commence agitation.

   If adding crystalline Ammonium Sulphate, add in slowly and allow **10 - 15 minutes** for granules to dissolve and fully disperse through the spray solution, or alternatively use liquid Ammonium Sulphate.

3. Add the first recommended tank-mix product as per the tank mix sequence guide SLOWLY and ensure this product is fully dissolved or dispersed through the tank prior to repeating this process for subsequent tank-mix partners.

   Many incompatibility issues and mixing problems are caused by:

   - Adding tank mix products too quickly (ie dumping them into the spray tank),
   - Pre-mixing in insufficient water in the primary tank or Venturi systems or Chemical Hoppers,
   - Mixing tank-mix partners together, or
   - Rushing this mixing process. TAKE YOUR TIME.

4. Once all herbicide addition is complete, fill tank water volume to capacity.
5. Check primary / inline filters and clean if required.
6. Maintain agitation during transit and application.
7. **Check primary / inline filters between tank-loads and clean out if required prior to the next tank-load.**
8. DO NOT let mix sit with no agitation.

VENTURI SYSTEMS/CHEMICAL HOPPERS

If using a chemical handler system, ensure only one product is added per fill of the handler, then add to the spray tank.

Do not add large proportions of individual tank mix products to small volumes of water (ie be careful adding through Venturi systems that utilise a stream of water to transfer product to the primary spray tank, or chemical hoppers)- large volumes of chemical in a proportionally small volume of water can result in significant tank-mixing issues (possibly incompatibility issues), and filter blockages.

For further information, refer to the following:

GRDC GROWNOTES - Mixing and decontamination

GRDC GROWNOTES – Mixing, filling and transfer systems