



Cereal Foliar Fungicides Tank Mix - Physical Compatibility

Product	2,4-D AMINE 625	2,4-D LV ESTER 680	ALPHA SCUD® ELITE alpha-cypermethrin 100 g/L	BRONCO® MA bromoxynil 200 g/L + MCPA 200 g/L	COLT® diflufenican 25 g/L + bromoxynil 250 g/L	DIMETHOATE dimethoate 400 g/L	ENFORCER® 242 MCPA 420 g/L + picloram 26 g/L	ENFORCER® 75-D picloram 75 g/L + 2,4-D 300 g/L	LEGACY® MA diflufenican 25 g/L + MCPA 250 g/L	LONESTAR® 750 WG triasulfuron 750 g/kg	LVE MCPA 570 MCPA LV ester 570 g/L	LYNX® WG metsulfuron-methyl 600 g/kg	MANDATE® clodinafop-propargyl 240 g/L	MCPA 750 MCPA amine 750 g/L	PENTAGON® WG tralkoxydim 400 g/kg	TACKLE® WG chlorsulfuron 750 g/kg	TERBUTREX® terbutryn 500 g/L	VICTORY® clopyralid 300 g/L
	Fungicides RADIAL® EC epoxiconazole 75 g/L + azoxystrobin 75 g/L	▲	▲	▲	▲	▲	▲#	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
VERITAS® SC tebuconazole 200 g/L + azoxystrobin 120 g/L	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
SOPRANO® 125 SC epoxiconazole 125 g/L	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
ORIOUS® 430 SC tebuconazole 430 g/L	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲
BUMPER® 625 EC propiconazole 625 g/L	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲	▲



▲ Compatible ▲ Not Tested ▲ Compatible with precautions ▲ Not Compatible

* Testing has shown physical incompatibility can occur at high water rates. Use at water rates of 50 L/Ha or lower, spray immediately, with constant agitation. The use of water in tank mixes that is below 5°C may cause physical compatibility issues in some situations.

Fungicide Use Guide

Product	Use Rate	Approximate Control Period	Rainfast Interval	Adjuvant	Withholding Period	
					Harvest	Grazing
Fungicides RADIAL® EC	420 to 840 mL	Up to 6 weeks	2 hours	Not Required	42 days	42 days
VERITAS® SC	315 to 630 mL	Up to 6 weeks	2 hours	Not Required	42 days	21 days
SOPRANO® 125 SC	250 to 500 mL	Up to 6 weeks	2 hours	Not Required	42 days	42 days
ORIOUS® 430 SC	145 to 290 mL	Up to 4 weeks	2 hours	Oil/Non-Ionic	35 days	14 days
BUMPER® 625 EC	100 to 200 mL	2-4 weeks	1 hour	Not Required	28 days	7 days



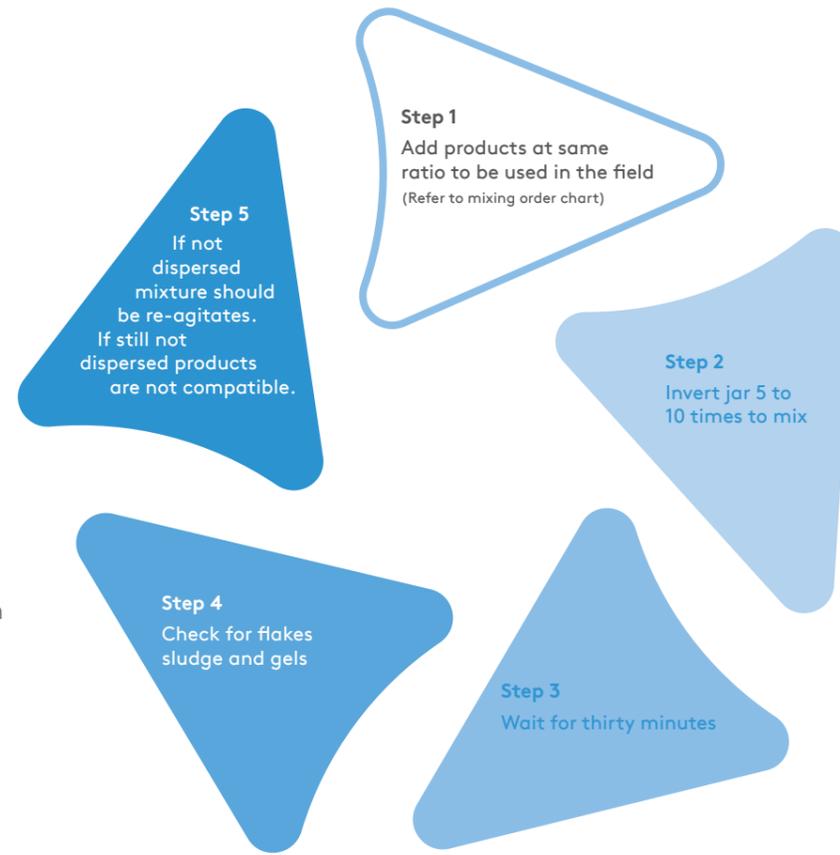
Jar Test for Physical Tank Mix Compatibility

Procedure

1. Fill jar 70% full
2. Add the first product in accordance with mixing order chart
3. Replace lid
4. Invert jar 5-10 times to mix
5. Add further products one at a time as per mixing order then repeat steps 3 & 4
6. Add remaining water and replace lid
7. Invert jar 5-10 times to mix thoroughly
8. Examine contents for incompatibility (Refer to Signs of Incompatibility below)
9. Allow contents stand for one hour
10. Re-examine contents for signs of incompatibility
11. Secure mesh over jar and strain liquid through mesh into separate container
12. Examine mesh for signs of incompatibility.

What to do if there are Signs of Incompatibility

- If settling, solid residues or separation of liquids occurs, rotate jar 20 times and if product mixes satisfactorily, a tank mix may be used, but maintain thorough agitation at all times
- If product has not mixed satisfactorily, products are incompatible, DO NOT MIX
- If solid residues, lumps or gel remain on mesh after straining (see Procedure 11), products are physically incompatible, DO NOT MIX
- If heat is generated (jar feels warm), products are physically incompatible DO NOT MIX.



General Tank Mixing Tips

The following general points should be observed when mixing more than one product in any solution:

- The risk of an adverse reaction increases with the number of products being mixed
- Maintain caution when mixing Emulsifiable Concentrates (ECs) with Water Dispersible Granules /Wettable Powders (WDGs & WPs)
- When preparing a mix, one product needs to be fully dispersed and mixed before adding the next
- Maintain sufficient agitation at all times during mixing and spraying.

Signs of Physical Incompatibility

- Settling
- Solid residues
- Separation of liquids
- Heat
- Lumps
- Gel

Mixing Order

Step 1	Fill the spray tank to at least 70% full with suitable water Commence agitation	
Step 2	Add any Water Conditioners e.g. Ammonium Sulphate, Raizer® 700	
Step 3	Add any Wettable Powders (WP)	
Step 4	Add any Water Dispersible Granules (WG) products e.g. Lynx® WG or Tackle® WG	
Step 5	Add any Oil Dispersion (OD) formulations	
Step 6	Ensure fully dispersed before proceeding	
Step 7	Add any Flowable Liquids (FL) or Suspension Concentrate (SC) products e.g. Soprano®, Veritas® or Orius® 430	
Step 8	Add any Emulsifiable Concentrate (EC) products e.g. Radial® and Bumper® 625	
Step 9	Add any Emulsion Oil in Water (EW) or Suspension Emulsion (SE) formulations	
Step 10	Fill the mixing tank to nearly full	
Step 11	Add any Soluble Liquids (SL) e.g. Zulu Evo® or Zulu XT®	
Step 12	Add other Adjuvants and fill the tank e.g. Wetspray® 1000	
	Add any oils last in all mixtures	

Always check labels of all products to be used for manufacturer's tank mix recommendations. Seek competent advice or perform a jar test if unsure before proceeding. The physical and chemical properties of various manufacturer's formulations may differ. Recommendations for use, handling, storage and disposal of products may also change over time.

Scan here for more comprehensive Tank Mix recommendations for Radial®



Visit adama.com for further details.
© Registered trademarks of an Adama Agricultural Solutions Ltd Company.

Please note: This information is not intended to replace the product labels. Always read the complete product label appearing on the container before opening or using products. Product labels also available on adama.com

ADAMA

For Technical Assistance:
1800 327 669

For more information visit
adama.com

For Customer Enquiries:
1800 229 284