# Cereal Foliar Fungicides Tank Mix - Physical Compatibility

<table>
<thead>
<tr>
<th>Fungicides</th>
<th>Product</th>
<th>Use Rate</th>
<th>Approximate Control Period</th>
<th>Rainfast Interval</th>
<th>Adjuvant</th>
<th>Withholding Period</th>
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<tr>
<td>RADIAL® EC</td>
<td>epoxiconazole 75 g/L + azoxystrobin 75 g/L</td>
<td>420 to 840 mL</td>
<td>Up to 6 weeks</td>
<td>2 hours</td>
<td>Not Required</td>
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<tr>
<td>VERITAS® SC</td>
<td>tebuconazole 200 g/L + azoxystrobin 120 g/L</td>
<td>315 to 630 mL</td>
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<td>SOPRANO® 125 SC</td>
<td>epoxiconazole 125 g/L</td>
<td>250 to 500 mL</td>
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<td>ORIUS® 430 SC</td>
<td>tebuconazole 430 g/L</td>
<td>145 to 290 mL</td>
<td>Up to 4 weeks</td>
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<td>BUMPER® 625 EC</td>
<td>propiconazole 625 g/L</td>
<td>100 to 200 mL</td>
<td>2-4 weeks</td>
<td>1 hour</td>
<td>Not Required</td>
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* 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.

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**Fungicide Use Guide**

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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 to 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 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.

**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, Raizer® 700

**Step 3**
- Add any Wettability 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 Soluble Liquids (SL)
  e.g. Wetspray® 1000

**Step 8**
- Add any Emulsion Oil in Water (EW) or Suspension Emulsion (SE) formulations

**Step 9**
- Add any Suspension Concentrate (SC) products
  e.g. Soprano®, Veritas® or Orius® 430

**Step 10**
- Fill the mixing tank to nearly full

**Step 11**
- Add any Solubifiable Concentrate (EC) products
  e.g. Radial® and Bumper® 625

**Step 12**
- Add any Adjuvants and fill the tank
  e.g. Wetspray® 1000

**Signs of Physical Incompatibility**
- Settling
- Solid residues
- Separation of liquids
- Heat
- Lumps
- Gel

**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 / Wettability 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.

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For Customer Enquiries: 1800 229 284
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Scan here for more comprehensive Tank Mix recommendations for Radial®