

## Wheat Fungicide Tech Sheet

### Best Use Recommendations

#### Crops†

#### Recommended Timing

#### Wheat

**Herbicide timing:** (Feekes 2-3)

For early season disease control

#### Barley, Oats, Rye, Triticale\*\*

**Flag leaf:** (Feekes 8-10)

For foliar disease control

**Flowering:** (Feekes 10)

For optimal Fusarium head scab control and D.O.N. reduction apply at early flowering (10.5.1). Can be effective when applied before or after this stage.

#### Active Ingredients:

Metconazole – Group 3

Prothioconazole – Group 3

#### Formulation:

Emulsifiable concentrate (EC)

#### Product Packaging:

2 x 2.5 gallons

110 gallon

#### Storage:

Do not store below 10°F

#### Bulk Density:

8.71 lbs/gal

Crops	Diseases Controlled‡	Application Rate
Wheat	<ul style="list-style-type: none"> <li>Black point (kernel blight or smudge) [<i>Alternaria</i> spp., <i>Cochliobolus sativus</i>, <i>Helminthosporium</i> spp.]</li> <li>Powdery mildew (<i>Erysiphe graminis</i>)</li> <li>Rust (<i>Puccinia</i> spp.)</li> <li>Septoria blotch, speckled leaf spot (<i>Septoria</i> spp.)</li> <li>Spot blotch (<i>Cochliobolus sativus</i>)</li> <li>Stagonospora blotch (<i>Parastagonospora nodorum</i>)</li> <li>Tan spot (yellow leaf spot) [<i>Pyrenophora</i> spp.]</li> </ul>	<p><b>Early season</b> 4-5 fl oz/A</p> <p><b>Flag leaf</b> 5.5-7.3 fl oz/A</p>
	<ul style="list-style-type: none"> <li>Head scab (head blight) [<i>Fusarium</i> spp.]</li> </ul>	<p><b>Flowering</b> 7.3 fl oz/A</p>

\* See label for complete listing of labeled crops

† Not registered for use in California

\*\* Sphaerex fungicide is currently registered for use on wheat but not for use on barley, oats, rye, or triticale and not available for sale for those additional uses. This information regarding the use of Sphaerex fungicide on barley, oats, rye, or triticale is provided for educational purposes only and is not intended to promote the sale of this product for those additional uses. Any sale of this product after the registration is amended to add the additional uses shall be based solely on the EPA-approved product label, and any claims regarding product safety and efficacy for the additional uses shall be addressed solely by the label.

‡ See label for complete listing of diseases controlled

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## Application Tips

**Rainfast:** When dry

**REI:** 12 hours

**PHI:** 30 days

**Adjuvant:** NIS at the lowest labeled rate may be added to improve spray coverage. **DO NOT** use adjuvants that contain MSO, COC or crop oil with emulsifier properties

**Nozzle, droplet size:** Flat fan, fine to medium. For head scab applications apply using forward and reverse facing nozzles.

## Water Volume

**Aerial:** Minimum 2 gpa spray volume for foliar applications, minimum 5 gpa spray volume for head scab applications

**Ground:** Minimum 5 gpa spray volume for foliar applications, minimum 10 gpa spray volume for head scab applications

**Chemigation:** **DO NOT** apply more than 1/2 inch per acre

**DO NOT** apply if the final spray solutions contains fertilizer at a concentration more than 20% on a volume-to-volume (v/v) basis



## Tank Mixes and Additives

Sphaerex™ fungicide can be tank mixed with recommended fungicides, insecticides, herbicides, liquid fertilizers, biological control products, adjuvants, and additives. Under some conditions, the use of additives or adjuvants may improve the performance of Sphaerex fungicide. However, all varieties and cultivars have not been tested with possible tank mix combinations. Local conditions can also influence crop tolerance and may not match those under which BASF has conducted testing. Physical incompatibility, reduced disease control, or crop injury may result from mixing Sphaerex fungicide with other products. Therefore, before using any tank mix, test the combination on a small portion of the crop to be treated to ensure that a phytotoxic response will not occur as a result of the application. Always follow the most restrictive label use directions. Consult a BASF representative or local agricultural authorities for more information on use of additives.

## Mixing Order

1. **Water:** Begin by agitating a thoroughly clean sprayer tank  $\frac{3}{4}$  full of clean water
2. **Agitation:** Maintain constant agitation throughout mixing and application
3. **Products in PVA bags**
4. **Water-dispersible products** (products such as dry flowables, wettable powders, suspension concentrates or suspo-emulsions)
5. **Water-soluble products**
6. **Emulsifiable concentrates** such as **Sphaerex fungicide** (or oil concentrates when applicable)
7. **Water-soluble additives** (such as ammonium sulfate [AMS] or urea ammonium nitrate [UAN] when applicable)
8. **Nutritionals**
9. **Remaining quantity of water**



To learn more about crop protection products from BASF, visit [www.agproducts.basf.us](http://www.agproducts.basf.us)

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Fungicide