

Sphaerex®

Fungicide

New and improved cereal fungicide.

- Enhanced yield and quality protection
- Best-in-class fusarium head blight (FHB) efficacy for improved quality management
- Sphaerex® fungicide provides management of leaf diseases in wheat, barley, oats, rye and triticale
- Flexible use pattern for a diversity of situations

One case contains

2 x 8.65 L jugs

Crops

Staging¹

Barley

75% spike emergence to 3 days after full emergence

Oats

Early panicle to flowering

Rye, triticale

75% head emergence to early panicle

Wheat (spring, winter, durum)

75% head emergence to end of flowering

Diseases controlled

In barley.

Ergot (*Claviceps purpurea*)², fusarium head blight (*Fusarium graminearum*)³, leaf rust (*Puccinia hordei*), net blotch (*Pyrenophora teres*), powdery mildew (*Erysiphe graminis*), scald (*Rhynchosporium secalis*), spot blotch (*Cochliobolus sativus*)², stripe rust (*Puccinia striiformis*)

In oats.

Crown rust (*Puccinia coronata*), ergot (*Claviceps purpurea*)², fusarium head blight (*Fusarium graminearum*)⁴, stagonospora (septoria) leaf blotch and black stem (*Stagonospora avenae* syn. *Septoria avenae*)

In rye and triticale.

Ergot (*Claviceps purpurea*)², fusarium head blight (*Fusarium graminearum*)⁵, leaf rust (*Puccinia recondita*), powdery mildew (*Erysiphe graminis*), stripe rust (*Puccinia striiformis*)

In wheat (all types incl. durum wheat).

Ergot (*Claviceps purpurea*)², fusarium head blight (*Fusarium graminearum*)⁶, leaf rust (*Puccinia recondita*), powdery mildew (*Erysiphe graminis* f. sp. *tritici*), septoria/stagonospora leaf blotch (*Septoria tritici* or *Stagonospora nodorum*), spot blotch (*Cochliobolus sativus*)², stem rust (*Puccinia graminis*), stripe rust (*Puccinia striiformis*), tan spot (*Pyrenophora tritici-repentis*)



We create chemistry

Application rates

One case of Sphaerex treats 80 to 108 acres.⁷

Barley, oats, rye, triticale, wheat (all types) 160-215 ml/ac (0.4-0.53 L/ha)

Water volume

Ground application 100 L/ac (10 gal/ac)

Aerial application 50 L/ac (5 gal/ac)

Mixing order

1. Ensure the spray tank is clean before use.
 2. Fill the spray tank 1/2 full of water and start agitation.
 3. Add the required amount of Sphaerex to the tank.
 4. Continue agitation while filling the remainder of the spray tank.
 5. After use, clean the spray tank according to label precautions.
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Application tips

Sphaerex should be applied preventively, prior to the onset of disease.

Avoid application when heavy rain is forecasted.

Apply when conditions are favourable for disease development.

For more information, talk to your BASF **AgSolutions**[®] Grower or Retail Representative or call BASF **AgSolutions** Customer Care at 1-877-371-BASF (2273).

¹ Optimum staging for fusarium head blight and ergot management. Sphaerex can be applied earlier for leaf disease management. Performance is best when applications occur prior to foliar disease development or at the onset of disease symptoms.

² For suppression of ergot only at the 80 acre/case (0.53 L/ha) rate.

³ Suppression only. Apply when 75-100% of main stem barley spikes are emerged until 3 days after.

⁴ Suppression only. Apply at anthesis stage or at early panicle stage when anthers are yellow to white until the end of anthesis.

⁵ Suppression only. Apply when at least 75% of mainstem cereal heads are fully emerged until the end of anthesis.

⁶ Suppression only. Apply Sphaerex as a preventative application, beginning when at least 75% of mainstem wheat heads are fully emerged until the end of anthesis (Growth Stage (GS) 61-69).

⁷ For optimal results on fusarium head blight and flag-leaf disease management, BASF recommends using Sphaerex at the 80 acre/case rate. For suppression of ergot, the 80 acre/case rate is required.

Always read and follow label directions.

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