



ADAMA

# BUMPER® 432 EC

Broad-spectrum systemic fungicide widely used at herbicide timing in cereals for economical early protection.



## Active Ingredient:

Propiconazole

## Fungicide Group:

Group 3

## Formulation:

Propiconazole 432 g/L = EC

## Application Rates and Packaging:

- 120 ml/ac
- For fruit and specialty crops, 120–180 ml/ac (see label for details)
- 40 ac/jug
- 2 x 4.8 L jugs/case

## Registered Crops:

- Barley
- Canary seed
- Canola
- Corn
- Dry edible beans
- Oats
- Soybeans
- Wheat (spring, winter)
- Variety of specialty crops

## Protect your yield and quality and give yourself the chance for a “Bumper” crop

BUMPER® 432 EC is a broad-spectrum systemic fungicide that protects against yield and quality losses due to leaf disease. BUMPER® 432 EC is registered for application at both early-season herbicide timing and flag leaf timing in wheat and barley, as well as protects canola from blackleg and corn and beans from leaf disease.

## WHEN DOES IT MAKE SENSE TO USE BUMPER® 432 EC AT HERBICIDE TIMING?

- To control early season disease pressure on tight cereal rotations (wheat on wheat stubble, etc.)
- When there was high disease pressure the previous season
- If you have a wet, warm environment conducive to high disease pressure
- When there is a presence of leaf diseases early in the season
- To protect a good crop with high yield potential
- When commodity prices are high, an early application of BUMPER® 432 EC can be viewed as low cost insurance to help achieve a high yielding, high quality crop

## KEY DISEASES CONTROLLED:

### Canola:

- Blackleg

### Cereals:

- Crown rust (oats)
- Net and spot blotches
- Powdery mildew
- Septoria spots and blotches, scalds
- Stem and leaf rust
- Stripe rust
- Tan spot

### Corn:

- Eye spot
- Leaf spot
- Northern and Southern corn leaf blight

### Dry Edible Beans:

- Rusts

### Soybeans:

- Aerial web blight
- Frog-eye leaf spot

# BUMPER® 432 EC

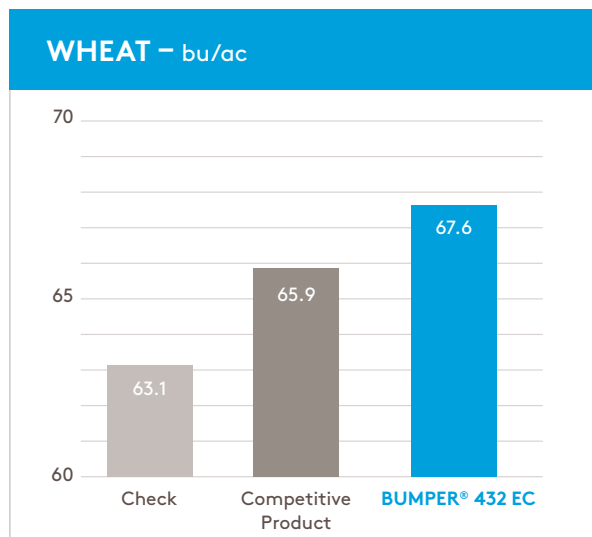
## HOW IT WORKS:

Broad-spectrum, systemic activity with excellent leaf surface protection and translocation within the plant for additional disease prevention.

## BUMPER® 432 EC BENEFITS IN CEREALS:

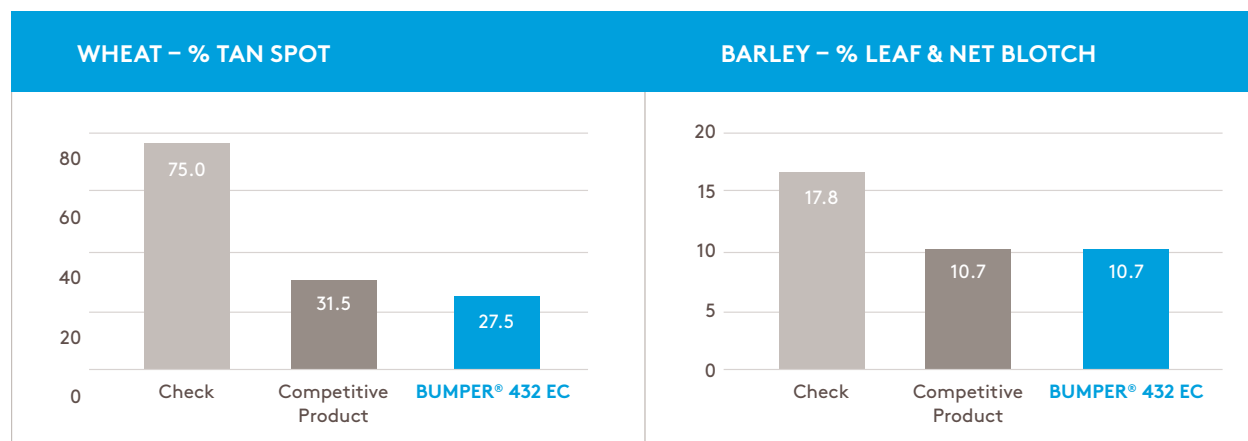
1. Stops disease progression and adds protection.
2. Controls a wide spectrum of leaf and stem diseases.
3. Active ingredient, Propiconazole, belongs to a fungicide family with lower resistance potential than other fungicide groups.
4. Proven return on investment from higher crop yields, even at the half rate applied early.
5. Ease of use with popular herbicides including 2,4-D ester, MCPA ester, BROMOTRIL®, and BADGE®.
6. Proven to be gentle on the crop.

## PROVEN YIELD INCREASE:



Replicated independent wheat field trial with above average disease pressure. Our data shows even in low to average disease pressure, BUMPER® 432 EC has yield benefits.

## DISEASE CONTROL:



Replicated independent field trial in wheat and barley.

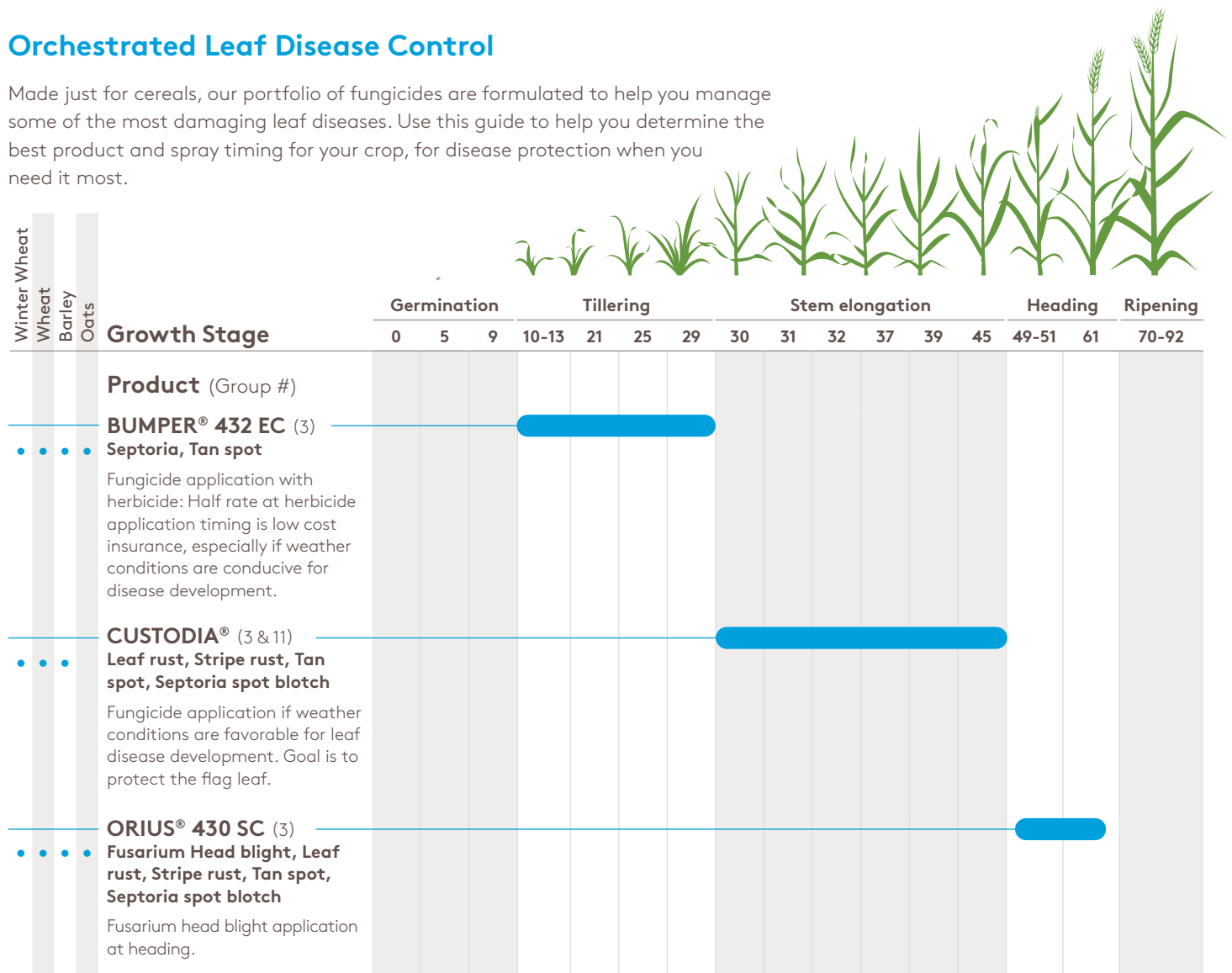
# BUMPER® 432 EC

## CROP STAGING:

Crop	Diseases	Application Timing	Rate
Barley	Leaf and stem rust, Septoria leaf spot, Net blotch, Powdery mildew, Scald, Spot blotch	Early: Growth stage 29 – 37, at the first sign of disease, usually at the beginning of stem elongation	Full rate at 120 ml/ac
Oats	Crown rust, Septoria leaf blotch		
Wheat	Leaf and stem rust, Powdery mildew, Septoria glume blotch, Septoria leaf spot, Stripe rust, Tan spot	Later: Growth stage 49 – 55, before head is ½ emerged	
Canary seed	Septoria leaf mottle	At emergence of the flag leaf	
Canola	Blackleg	Rosette stage, between 2 <sup>nd</sup> true leaf and bolting	
Corn	Eye spot, Grey leaf spot, Helminthosporium leaf spot, Northern corn leaf blight, Rusts, Southern corn leaf blight	When disease first appears	
Soybeans (for seed)	Frog-eye leaf spot, Aerial web blight	When disease first appears. Under severe disease pressure, make a 2 <sup>nd</sup> application 14 days after the first	
Dry edible beans	Rust	At the first detection of disease and a 2 <sup>nd</sup> application 14 – 21 days later	

## Orchestrated Leaf Disease Control

Made just for cereals, our portfolio of fungicides are formulated to help you manage some of the most damaging leaf diseases. Use this guide to help you determine the best product and spray timing for your crop, for disease protection when you need it most.





# BUMPER® 432 EC

## WATER VOLUME:

Ground: minimum 80 L/ac

Air: 16 – 20 L/ac

## RAINFASTNESS:

1 hour

## SUPPORTED TANK MIXES:

Herbicides:

- Wheat and barley: 2,4-D (ester),  
BADGE®, BROMOTRIL®, MCPA (ester)

Insecticides:

- Lambda-cyhalothrin  
(SILENCER® 120 EC)
- Ripcord™

## MIXING INSTRUCTIONS:

1. Fill spray tank ½ full with water and gently agitate.
2. Add the required amount of BUMPER® 432 EC and agitate thoroughly.
3. Continue filling the tank with water until the tank is ¾ full and, if applicable, add the required amount of tank-mix partner.
4. Complete filling the spray tank with water, maintaining agitation during mixing and spraying operations.

## CROP ROTATIONS:

No restrictions

## PRE-HARVEST INTERVALS:

Beans: 28 days

Canola: 60 days

Cereal crops (wheat, barley, oats): 45 days

Corn: 14 days

Soybeans: 50 days

## GRAZING RESTRICTIONS:

Do not graze livestock within 3 days of spraying.

## STORAGE:

No temperature restrictions

## Quick Tips

BUMPER® 432 EC should be applied as a preventative disease control measure. Established diseases are more difficult to control and may have already reduced crop vigour.



Always read and follow label directions.  
Toll-free: 1.855.264.6262  
Website: ADAMA.COM/CANADA

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