

Protect your investment with  
**CHEROKEE**<sup>®</sup>  
FUNGICIDE for Wheat and barley

 **Cherokee**<sup>®</sup>

syngenta.

## Product Description

Cherokee® is a suspo-emulsion fungicide for the control of a wide range of diseases in barley and wheat – see table below.

### Active Ingredients

Cherokee® contains three active ingredients with two being sterol biosynthesis inhibitors (SBI) and one being a phthalonitrile fungicide, i.e. propiconazole, cyproconazole and chlorothalonil.

## Mode Of Action

Cherokee™ has systemic and preventative properties for control of a wide range of diseases on all commercial varieties of wheat and barley.

The SBI's propiconazole and cyproconazole have a mode of action which inhibits ergosterol production and cell wall production.

The mode of action is different from other fungicide Groups and there is no known cross-resistance to this mode of action in pathogens that have developed reduced sensitivity to other fungicide Groups. Chlorothalonil is a multi-site fungicide and shows no cross-resistance to any other fungicide Groups. Refer to the FRAC (Fungicide Resistance Action Committee) Groups website.

## Timing Of Application

For the control of Powdery Mildew, Yellow and Brown Rust, Septoria tritici, Net Blotch and Rhynchosporium, apply at the first sign of disease. Treatment at early stages of disease development will ensure the best results – see table below for more details.

## Disease Spectrum

Crop	Diseases	Dosage Rate	Timing of Application
Wheat	Eye spot ( <i>Pseudocercospora herpotrichoides</i> ) Powdery mildew ( <i>Erysiphe graminis</i> ) Stripe rust ( <i>Puccinia striiformis</i> ) Leaf rust ( <i>Puccinia recondita</i> ) Stem rust ( <i>Puccinia graminis</i> ) Glume blotch ( <i>Septoria nodorum</i> ) Ear blotch ( <i>Fusarium spp.</i> ) Speckled leaf blotch ( <i>Septoria tritici</i> ) Yellow leaf spot ( <i>Helminthosporium tritici repentis</i> )	1,5 to 2 litres/ha The higher 2,0 L/ha dose increases curativity and the duration of protection	T1 spray at GS 30-39 which can be followed by T2 spray of Cherokee® or Elatus™ Arc at GS 40-49
Barley	Eye spot ( <i>Pseudocercospora herpotrichoides</i> ) Net blotch ( <i>Pyrenophora teres</i> ) Leaf spot ( <i>Rhynchosporium secalis</i> ) Leaf rust ( <i>Puccinia recondita</i> ) Powdery mildew ( <i>Erysiphe graminis</i> )	1,5 to 2 litres/ha The higher 2,0 L/ha dose increases curativity and the duration of protection	T1 spray at GS 30-39 which can be followed by T2 spray of Cherokee® or Elatus™ Arc at GS 40-49



## Benefits

### Broad Spectrum

Cherokee® gives crop protection against a wide spectrum of important diseases of wheat and barley.

### Fast Assimilation

Cyproconazole and Propiconazole are absorbed by the plant within one hour after application. This gives the crop good and fast protection against disease causing fungi.

### Crop Tolerance

When used according to our recommendations Cherokee® is well tolerated by both wheat and barley.

### Compatibility

Cherokee® is compatible with most commonly used pesticides. Although no specific miscibility problems are known, it is generally recommended that this be checked with the locally available partner formulations on a small scale.

### Weather Stick (Rainfastness)

Cherokee® is rainfast one hour after the spray deposit has dried.

In summary...

CHEROKEE® is,

- A perfect combination of 3 active ingredients:
  - Highly systemic Cyproconazole for greater curativity and movement into new growth
  - Slower moving, longer lasting Propiconazole
  - Chlorothalonil backbone for robust protection against all strains of Septoria
- A ready made resistance management solution
- Broad Spectrum disease control
  - Septoria, Rusts & Moderate Mildew activity