

# Kumulus DF fungicide

## technology sheet

Unique sulphur formulation for rapid and extended control of disease and mites.

- Delivers rapid control of fungal diseases and mites in a wide range of fruit crops
- Low-dust, easy-mixing sulphur formulation stays in suspension to help minimize risk of scorching
- Three distinct particle sizes deliver immediate activity, sustained release and extended residual control

### Active ingredient

Sulphur – Group M

### Formulation

Water dispersible granule

### One case contains

1 x 25 kg bag

### Storage

Store in cool, well-ventilated area away from food, feed, seed or fertilizers

### Crops, diseases and application rates.

Crop	Pest	Timing	Application Rates
Apples, pears	Powdery mildew, scab	Regular spray program from green tip to first cover spray	22.5 kg/ha (750 g/100 L)
		Later cover sprays	12 to 15 kg/ha (400 to 500 g/100 L) <sup>1</sup>
Grapes (Not for use on Concord, Foch, de Chaunac and Van Buren varieties.)	Rust mites	Summer sprays	6 kg/ha (200 g/100L)
	Powdery mildew	First sign of mildew and repeat after 10 days	12.6 kg/ha (420 g/100 L)
Peaches	Erineum mites	Pre-bloom and repeat mid-season; start immediately after first sign of erineum on leaves	3.4 kg/ha
	Brown rot, leaf spot, scab	Pink, bloom, shuck, cover and pre-harvest sprays; before and between pickings if weather is wet	22.5 kg/ha (750 g/100 L)
Plums	Powdery mildew	Husk-fall and repeat on a 10 to 14-day interval	11.3 to 12 kg/ha (375 to 400 g/100 L)
	Powdery mildew	First sign of disease then on a 7 to 10-day interval	1.5 kg/ha <sup>2</sup>
Saskatoon berries	Brown rot, leaf spot	Pink, bloom, shuck, cover and pre-harvest sprays; before and between pickings if weather is wet	22.5 kg/ha (750 g/100 L)
	Entomosporium berry spot, entomosporium leaf spot	First at bud break then on a 10 to 14-day interval	7.5 kg/ha <sup>2</sup>
Sour cherries	Brown rot	Bloom stage only	22.5 kg/ha (750 g/100 L)
	Powdery mildew	First, second and third cover sprays	12 kg/ha (400 g/100 L)
	Rust mites	Summer sprays	6 kg/ha (200 g/100 L)
Sweet cherries	Brown rot	Regular spray program from bloom until just before harvest	22.5 kg/ha (750 g/100 L)

### Unique Particle Size Distribution

#### Large

(Residual control)  
Long-lasting, preventative effect.



>6 microns  
10%

#### Medium

(Sustained release)  
Maximum effectiveness and ease of application.



3-6 microns  
40%

2-3 microns  
30%

#### Small

(Rapid activity)  
Rapid action, effective on contact.



<2 microns  
20%

See label for additional crops.

<sup>1</sup> Adjust rate depending on mildew severity and temperature.

<sup>2</sup> Minimum water volume of 100 L/ha for peas and Saskatoon berries.

## Water volume

Ground application only

Up to 3000 L/ha

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## Mixing order

1. Ensure the spray tank is clean before use.
2. Fill the tank full of water.
3. Add the required amount of Kumulus DF to the tank.
4. Start agitation and continue until spraying is completed.
5. After use, clean the spray tank according to label precautions.

If tank mixes are used, ensure that each product is pre-diluted first and added separately to the spray tank in the correct order. Do not mix with dinitro compounds, tetradifon or oils.

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## Application tips

**Resistance management** – Do not apply more than eight (8) applications of Kumulus DF per season.

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## Pre-harvest interval

- 1 day for apples, pears, peas, Saskatoon berries, sour cherries, sweet cherries and table grapes.
  - 21 days for wine grapes.
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## Tank mixes

**Fungicide:** Polyram® DF

Contact **AgSolutions®** Customer Care or your BASF Sales Representative for information on supported tank mixes.

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## For more information

Call **AgSolutions** Customer Care at 1-877-371-BASF (2273) or visit [agsolutions.ca/horticulture](http://agsolutions.ca/horticulture)

**Always read and follow label directions.**

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