



ROYAL BLUE

Highly Active Suspension Concentrate formulation for enhanced efficacy!

Royal Blue is a Copper Hydroxide suspension concentrate fungicide and bactericide for the control of diseases in crops as indicated.

Royal Blue's active ingredient:

Copper Hydroxide 538 g/l SC

- Multi-site inhibitor and protectant fungicide.
- Copper ions in copper hydroxide stop the germination of fungal spores and kill bacteria, protecting plants from infection.

Mode of Action

- As a protective fungicide with its fine particles forms a barrier between the plant and the pathogen.
- As a contact fungicide, it has direct action on the pathogen itself.

Main Advantages of using Royal Blue

Highly concentrated active form of Copper resulting in:

- Increased effectiveness.
- Convenience in use and application.
- Easy to store, without occupying a lot of space.
- As a protective fungicide with its fine particles forms a barrier between the plant and the fungi.
- As a contact fungicide, it has direct action on the pathogen itself.

It acts both like a contact and protective fungicide

Royal Blue characteristics

Uniform and optimum particle size, aiding to excellent coverage upon application and effective disease control.

Optimum particle size providing:

- Increased effectiveness.
- Faster and greater dissolution.
- Complete leaf coverage.
- Excellent adherence to the plant surface (hard to wash off).
- Easy to mix and store liquid formulation.
- Excellent disease control on a wide range of crops.
- Slow, controlled release providing a long lasting protection.
- Not phytotoxic.



Disclaimer: This information and all further technical advice is based on our present knowledge and experience and approvals from the registration authorities. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. In the event of any discrepancies between the information stated herein or any other information source and the information stated on the label of the product, the information stated on the label of the product will prevail. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of the customer. Reference to trade names use by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Rate of application:

Crop	Disease	Dosage per 100 L of water	Remarks
Avocado	Fruit spot (Pseudo cercosporaperpura)	180 ml	Apply 3 full cover applications. Start applications early in November and repeat every 4 weeks.
Citrus	Black spot (Guinardiaticarpa)	120 ml	Start applications before mid-October. Apply 3 high volume sprays at 30 day intervals during the susceptible period from October to end December. During a rainfall season, a fourth application may be necessary.
	Alternaria spot (Alternaria alternate pv. Citri)	150 ml + 100g mancozeb	Apply as a high volume cover spray. Begin applications at first flush and repeat every 28 days until harvest.
Coffee	Rust (Hemileiavastatrix)	550 ml	Apply as a full cover application. Begin application in October/November and repeat 4-5 times with 4 week intervals. Apply at least 1000L spray mixture per hectare.
Grapes	Downy mildew (Plasmoparaviticola)	150 ml	Start applications when shoots are approximately 10cm long and repeat every 10-14 days depending on weather conditions. Ensure good coverage of the vines. Increase the spray volume progressively from 500L-1500L/Ha, depending on the vine growth. Do not apply after pea berry stage
Mangoes	Bacterial spot (Pseudomonas mangiferae-indicae)	225 ml	Apply at 2-4 week intervals from just after fruit set. Apply as a high volume cover spray.
Onions	Downy mildew (Peronospora destructor)	150 ml	Apply 3-4 applications with 10-14 day intervals. Apply in 300-500L water/Ha, depending on plant size. Start applications as soon as the disease is noticed, or conditions are favorable for disease development.
Ornamentals	Black spot (Actinonemerosae)	225 ml	Apply at first signs of disease symptoms and repeat as necessary with 7-10 day intervals.
	Rust (Uromyces spp.)	375 ml	
	Downy mildew (Peronospora spp.)	375 ml	
	Leaf spot (Alternaria spp.)	375 ml	
Peaches, Nectarines	Leaf curl (Taphrina deformans)	200 ml	Apply as a full cover spray at 60% leaf drop and at bud swell. Use 1200-2000L spray mixture per hectare.
Potatoes	Early blight (Alternaria solani)	150 ml	Start application before or just when symptoms are noticed. Apply every 7-10 days depending on weather conditions. Apply in 500-1500L water/Ha, depending on plant size.
	Late blight (Phytophthora infestans)	150 ml	Start preventative applications before signs of the disease. Apply at 7-10 day.
Seedlings	Damping Off and other Soil Fungi	200 ml	Apply at the rate of 15L mixture/10m ² on seedbeds.
Tomatoes	Early blight (Alternaria solani)	150 ml	Start applications shortly after transplant when plants are 15cm high and before symptoms appear. Apply every 7-10 days depending on weather conditions.
	Bacterial spot (Xanthomonasvesicatoria)	150 ml	
	Bacterial speck (Pseudomonas tomato)	150 ml	

Compatibility: Do not apply Royal Blue in combination with any acidifying products such as zinc nitrate, ammonium sulphate, amino-acid chelated foliar fertilizers or any other acidifying products. Do not apply citric acid containing products such as potassium citrate or calcium citrate in combination with or within 30 days after a Royal Blue application. Do not apply Royal Blue with any buffers or acidifiers, or any other adjuvants before consulting the supplier.