

ISACOP® 50 WP



Isacop 50WP is a green wettable powder fungicide, for the control of coffee berry disease (CBD) and rust on coffee. For use on tomatoes and potatoes against early and late blight, cucumber and cabbages against anthracnose, bacterial blights and on carnations against rust, leaf spot and anthracnose. Isacop 50WP can also be used in tank mix with TWIGATHALONIL 720SC for control of Coffee Berry Disease in Coffee.

- ACTIVE INGREDIENTS:** Copper Oxychloride (50% Metallic Copper w/w)
- FORMULATION:** Wettable Powder (WP)
- REGISTRATION NO.:** PCPB(CR) 0295
- MODE OF ACTION:** Isacop works by contact through the action of copper ions. Hence it is important to spray before the onset of the disease.
- SPECTRUM OF CONTROL:** Isacop is a broad spectrum fungicide and bactericide in a wide range of crops. It is also used for correcting copper deficiencies in cereal crops.

RECOMMENDATION FOR USE:

Crop	Disease	Dosage		Spray Interval	Timing	PHI
		Kg/Ha	Gm/20lt			
Coffee	Coffee Berry Disease (CBD)	7.7	140	4 weeks	Critical from pinhead formation, berry expansion to berry ripening. Disease Favoring conditions; • High humidity, • High rainfall periods • Warm cool conditions	0
	(Tank Mix) with Twigathalonil	5.5 kg Isacop + 2.0 Lt Twigathalonil	110gm + 40ml	4 weeks		14
	Coffee Leaf Rust (CLR)	3.8	70	3 weeks		Conditions Favoring Disease occurrence; 1. Warm temperatures, 2. Wet conditions
Potatoes	Early & late blight	3	50-60	7-10 days	• Start when plants are six inches high until harvest • When conditions favour disease development.	3
Tomatoes	Early & late blight	2-3	50-60	7-10 days	• Apply prior to onset of disease	3
French beans	• Bean rust • Halo blight	2-3		7-10 days	• Apply prior to onset of disease	3
Cucumber	Anthracnose, rust	2-3	50-60	7-10 days	• Apply prior to onset of disease	3
Cabbages	Bacterial blights	2-3	50-60	7-10 days	• Apply prior to onset of disease	3
Carnations	Anthracnose, rust & leaf spot	2-3	50-60	7-10 days	• Apply prior to onset of disease	0

REI: 12 hrs

APPLICATION TIMING: As a preventative fungicide, start spraying before the rains and continue during the rainy season in spray intervals recommended above depending upon disease severity and rainfall condition.

COMPATIBILITY : Isacop is compatible with most neutral or slightly alkaline pesticides. Neutral insecticides should be added last to the spray tank. However, tank mixtures will be at user's risk and we recommend preliminary tests for such mixtures before large scale application is done.

BENEFITS

1. Wide spectrum of disease control,
2. Corrects copper deficiencies in crops,
3. Can be tank mixed with other recommended products
4. Has strong effect in the management of bacterial infections,
5. Copper improves the capacity of crop to resist pests and diseases under extreme conditions,
6. Uniform spray suspension allowing maximum coverage of active ingredient.

AVAILABLE PACKS: 500gm, 1kg, 2kg, 25kg

HANDLING PRECAUTIONS: Isacop is harmful to human beings if swallowed. It is irritating to the eyes. Wear protective clothing, namely, overalls, gloves, gum boots, hat/head dress or dust mask when preparing the spray mixture and face shield while spraying. Change work clothes and wash your body after work. Do not contaminate environment.

For effective control of diseases,

1. Isacop 50WP is a preventive fungicide therefore has to be sprayed before the infection occurs. Timely application is required for effective control.
2. Tank mixing with non ionic surfactant e.g. Agral 90 improves the effectiveness.
3. Good spray coverage of the crop is essential in control of pests and diseases.



LEADERS IN CROP PROTECTION

Isacop® is a registered trademark of Isagro.