

# TWIGATHALONIL® 720SC



*A broad spectrum and protective fungicide for the control of botrytis in roses, anthracnose and angular leaf spots in french beans and coffee berry disease in coffee. It can also be tank mixed with AG Copp 75WP and ISACOP 50WP for the control of Coffee Berry Disease in coffee*

ACTIVE INGREDIENT Chlorothalonil 720g/lit  
FORMULATION Suspension Concentrate (SC)  
REGISTRATION NO: PCPB (CR) 0719

MODE OF ACTION TWIGATHALONIL is a broad spectrum Non-systemic fungicide effective for control of a wide range of fungal diseases in vegetables, flowers and Coffee. It acts by protecting plants against fungal infection. Accordingly, for best disease control the fungicide must be present on the plant prior to the onset of infection. Infection is prevented as a result of certain interactions between chlorothalonil and fungal cells, which ultimately result in loss of cell viability.

## APPLICATION RATE

Crop	Disease	Dosage	
		Lt/ha	MI/20lt of water
French beans	Anthracnose, angular leaf spots, botrytis	2	40
Roses	Botrytis, black spots	2	40
Coffee	Coffee Berry Disease (CBD)	3.5	72
	Coffee Berry Disease (CBD) -Tank Mix	2.0Lt. Twigathalonil + 2.0 kg AG Copp	40ml + 40gms
	Coffee Berry Disease (CBD) - Tank Mix	2.01Lt Twigathalonil + 5.5 kg Isacop	40ml + 110gms

**PRE-HARVEST INTERVAL:** 14 Days for coffee, 14 Days for French beans  
**REI - 12 hrs**

DIRECTIONS FOR USE TWIGATHALONIL can be applied by leaf surface spraying. Thorough wetting of the crop must be ensured. Half-fill the spray tank with clean water, add the necessary quantity of TWIGATHALONIL and stir, then top up with water. Keep on agitating when filling and during spray operations. Early spraying before disease appears and uniform, thorough spray coverage of the leaves is essential to protect the crop from Diseases.

## TIMING

Coffee:- Expanding berries, 3 to 15 weeks after flowering are most susceptible to coffee berry disease and worsens during rainy/ wet months. Apply preventive sprays of twigathalonil before onset of the above conditions. Vegetables: Begin applications during early blossom stage or when disease first threatens and repeat at 7 to 10 day intervals.

USER LIMITATION Do not spray when weather conditions favour drift from treated areas. Do not apply this product in such a manner as to directly or through drift, expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not allow domestic animals to graze in treated area within 12 hours of application.

COMPATIBILITY **TWIGATHALONIL® 720 SC** is compatible with most commonly used fungicides, insecticides and miticides. However because of wide variation in products a small trial should be conducted prior to general use. Never mix concentrates.

MAIN ADVANT AGES

- Broad spectrum fungicide - can be used to control various fungal diseases in various crops .
- Twigathalonil is based on chlorothalonil, a multisite acting fungicide and therefore useful in resistance management programmes.
- Twigathalonil is safe to crops at the recommended rates and offers effective disease control
- Twigathalonil has excellent contact/ protective action and thus ensures maximum quality yield.
- Twigathalonil can be used in tank mixes with most commonly used fungicides, insecticides and miticides hence cost effective to the farmer

AVAILABLE P ACKS 20 lt , 500 ml, 200ml.

HANDLING PRECAUTIONS Avoid contact with skin and eyes. Use eye shield and gloves when mixing concentrate. In case of accidental contact with eyes flush with plenty of clean water . Toxic to fish. Do not contaminate water supplies, rivers, dams, etc. Dispose off empty containers etc by burning or burying. Keep out of reach of children and animals. Refrain from smoking, eating or drinking while handling the product. A void spray mist. Wash contaminated clothing before re-use.

ENVIRONMENT AND WILDLIFE The product is toxic to fish. Do not contaminate water sources and supplies by disposal of product waste. Keep livestock out of treated areas. TWIGATHALONIL is not toxic to natural enemies and beneficial insects such as bees and wasps when used at recommended rates.



LEADERS IN CROP PROTECTION

TWIGATHALONIL® 720 SC is a trade mark of Twiga Chemical Industries Ltd.