

#### APPLICATION EQUIPMENT:

**DILIGENT® 72 WP** can be applied with any terrestrial equipment, including back sprayers, using hollow cone nozzles designed for fungicide application, producing fine drops and a good coverage. Personnel manipulating this product should use complete personal protection equipment: boots, face mask, boots, face mask, goggles, gloves, overall or long sleeve shirt and long pants. Before loading the equipment, make sure it is in good working conditions, without leaks, and well calibrated. This product does not affect the spraying equipments.



#### PREPARING THE TANK MIX:

It is recommended to prepare a pre mix of the dosage to be used and water, after that fill the spray tank to ½ the volume of the required water, start stirring, add the premix to the tank and while stirring add the rest of the water up to the required volume. Use complete personal protection equipment to prepare the spray mix. La used equipments need to be washed carefully after preparing and applying the product.



#### RECOMMENDED USES:

CROPS	DISEASES	KG/Ha	PHI
Potato ( <i>Solanum tuberosum</i> )	Blight ( <i>Phytophthora infestans</i> )	2,5	14 days
Tomato ( <i>Lycopersicon sp.</i> )	Blight ( <i>Phytophthora infestans</i> )	2,5	14 days
Melon ( <i>Cucumis melo</i> )	Mildew ( <i>Peronospora tabacina</i> )	2,5	14 days
Tabacco ( <i>Nicotiana tabacum</i> )	Mildew ( <i>Peronospora tabacina</i> )	2,5	14 days

DOT NOT APPLY MORE THAN 4 TIMES IN A SAME CROP CYCLE.

#### PERIOD OF RE ENTRY TO TREATED AREAS

Reentry is recommended 24 hours after treatment.

#### PHYTOTOXICITY

The product is not phytotoxic to the crops at the recommended rates and uses.

#### COMPATIBILITY

When used as recommended by the manufacturer, **DILIGENT® 72 WP** is compatible and can be applied in mixture with other Agrochemical products of common use in agriculture, however before preparing a tank mix for the first time it is recommended to make a test.

It is not compatible with alkaline compounds like calcium carbonate.

#### PRECAUTIONS AND INSTRUCTIONS OF USE

##### STORAGE AND TRANSPORT

- DILIGENT® 72 WP** should not be transported or stored together with food products, forages or medicines, for human and animal use.
- Store under lock in a dry, fresh and ventilated place.
- Wash with abundant water and soap after manipulating the product, especially before having food, drink or smoke.
- Personnel manipulating **DILIGENT® 72 WP** should use boots, face mask, goggles, gloves, cover all or long sleeve shirt and long pants.
- Maintain away from heat and in its original, well sealed container, and appropriately labeled.

**DO NOT STORE IN HOMES  
STORE AWAY FROM CHILDREN, MENTALLY  
ILL PERSONS DOMESTIC ANIMALS,  
FOOD AND MEDICINE**



**DO NOT EAT, SMOKE OR DRINK DURING  
THE HANDLING AND APPLICATION OF THIS  
PRODUCT, TAKE A SHOWER AFTER WORK AND PUT  
ON CLEAN CLOTHES**



##### SYMPTOMS OF INTOXICATION:

It may cause irritation to skin, eyes and mucosa.

##### FIRST AID

**INGESTION:** Induce vomiting giving a mixture of warm water with salt. Remove all contaminated clothing and clean affected area with abundant water and soap.

**INHALATION:** Move the affected person to a place with fresh air and maintain at rest until recovered.

**CONTACT WITH EYES:** Clean the eye with plenty water for 15 minutes.

**CONTACT WITH SKIN:** If there is contact with skin, clean with plenty water and soap, remove all contaminated clothes and clean skin with water and soap.

**NEVER GIVE DRINK OR INDUCE VOMITING IN PERSONS  
THAT ARE NOT CONSCIOUS**

##### ANTIDOTE AND MEDICAL TREATMENT:

There is no specific antidote, treat the patient symptomatically.

#### NATIONAL CENTERS OF INTOXICATIONS

COUNTRY	INSTITUTE	TELEPHONE
JAMAICA	POISON CONTROL CENTER CARPIN	1-888-764-7667 or 188- POISONS

**ENVIRONMENTAL HAZARDS  
TOXIC TO FISH AND CRUSTACEAE**



**DO NOT CONTAMINATE RIVERS, LAKES, PONDS  
OR GROUND WATER WITH THIS PRODUCT OR  
WITH CONTAINERS AND BOTTLES**

##### MANAGEMENT OF BOTTLES, PACKING AND RESIDUES

In case of liquid spillage or residues of pesticides absorb with sand, wood chips or any absorbent material, placing the residues in a hermetic container and take to the distributor or dispose of in authorized landfill. Use the entire content of the bottles and when empty wash and triple rinse with clean water, adding the solution to the spray tank, destroy or puncture the empty containers. If the country has an official program for collection and empty container disposal, take these to the closest collecting center or dispose according with the instructions of the distributor of the product.

**EMPTY CONTAINERS NEED TO BE WASHED THREE TIMES;  
WATER RESULTING FORM THE TRIPLE RINSE MUST BE  
ADDED TO THE SPRAYING TANK.**

**USING THE EMPTY PACKING AND CONTAINERS FOR  
DIFFERENT USE AS INTENDED, REPRESENTS A RISK  
TO HUMANS AND THE ENVIRONMENT.**

##### GUARANTEE NOTE

The manufacturer and registrant guarantees the quality of the product in its original and sealed hermetic container. It also guarantees the efficacy of the product, if it is used as indicated in the pamphlet. Since the storage and handling is out of our control it is impossible to assume the responsibility of damage resulting from such factors. We also guarantee the chemical composition of the product as indicated in the label, when the bottle is originally sealed.

##### MANUFACTURER

JIANGSU ROTAM CHEMISTRY CO. LTD., CHINA  
PHONE: 0512 - 5771 - 1988 FAX: 0512 - 5771 - 8697

**IMPORTER:  
DISTRIBUTOR:**

COUNTRY	REGISTRATION NUMBER	DATE OF REGISTRATION
Jamaica	MHPF/006/14	2014 MAY 07

**KEEP OUT OF THE REACH OF CHILDREN  
;STOP! READ THE PAMPHLET BEFORE USING THE PRODUCT  
AND CONSULT A PROFESSIONAL IN AGRICULTURAL SCIENCES**

# **DILIGENT® 72WP**

**FUNGICIDE - ACILALANINE, DITHIOCARBAMATE  
Metalaxyl, Mancozeb.**

**CHEMICAL COMPOSITION w/w**

**Active Ingredients:**

Methyl N-(methoxyacetyl)-N-(2,6-xylyl)-DL-alaninate..... 8 %

Manganese ethylenebis (dithiocarbamate) (polimeric)  
complex with zinc salt .....64 %

**Inert Ingredients:**.....28 %

**TOTAL**.....100 %

Content: 720 grams of active ingredients per kilogram of commercial product .

## **CAUTION**

**ANTIDOTE: NO KNOWN ANTIDOTE**

**THIS PRODUCT MAY BE FATAL IF SWALLOWED  
AND/OR INHALED, IT MAY CAUSE DAMAGE TO EYES  
AND SKIN BY EXPOSURE**

**DO NOT STORE IN HOMES**

**STORE AWAY FORM CHILDREN, MENTALLY ILL PEOPLE,  
DOMESTIC ANIMALS, FOOD AND MEDICINE**



**AGRONOMIC USES:**

**MODE OF ACTION:**

**DILIGENT® 72 WP** is a mixture of a systemic and a protectant fungicide. Metalaxyl is absorbed by leaves, stem and roots of treated plants and is transferred to the site of action (acropetal translocation), where it acts on the synthesis of essential proteins, needed for growth and development of the pathogens. Mancozeb is of multiple action, with effect on the respiration and energy generation in the fungi, acting on the following processes: 1- inhibits the production of energy (ATP), 2- affects the m metabolism of glucose, 3- affecting the oxidation of the fatty acids and of amino acids and 4- inhibits the incorporation of oxygen and liberation of CO<sub>2</sub>.