

# JM-IMPETU 69 WP-LEAFLET-20150423

## SIZE:180(W)X150(H)MM

PJMI05M010150423

**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 FROM 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/002/15	April/1/2015

**STOP! AND READ THIS PAMPHLET BEFORE USING  
THIS PRODUCT, AND CONSULT A PROFESSIONAL  
IN AGRICULTURAL SCIENCES**

## IMPETU® 69 WP

**FUNGICIDE MIX - CINNAMIC ACID DERIVATE,  
+ DITHIOCARBAMATE  
Dimethomorph, Mancozeb.**

### CHEMICAL COMPOSITION

w/w

Dimethomorph: (E,Z) -4-[3-(4-chlorophenyl)-3-(3,4-dimethoxyphenyl) acryloyl ] morpholine .....9%  
Mancozeb: complex of a zinc salt and polymeric manganese ethylenebis (dityiocarbamate).....60%  
Inert Ingredients ..... 31%  
**TOTAL** ..... 100 %

Content: 690 grams of active ingredients per kilo of formulated product

## CAUTION

**KEEP OUT OF THE REACH OF CHILDREN**

**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  
MAINTAIN AWAY FROM CHILDREN, MENTALLY ILL PEOPLE,  
DOMESTIC ANIMALS, FOOD AND MEDICINE**

### AGRONOMIC USES:

#### MODE OF ACTION:

**IMPETU® 69 WP** is a mixture of a systemic and a protectant fungicide. Dimethomorph 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 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>.

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### EQUIPMENT FOR APPLICATION

**IMPETU® 69 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, goggles, gloves, cover all 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:

CROP	DISEASE	DOSAGE	TIME OF APPLICATION
Tabacco ( <i>Nicotiana tabacum</i> )	Blue Mold ( <i>Peronospora tabacina</i> )	750 gr. of product per 200 L of water	In seed beds apply preventive and previous to transplant.
Potato ( <i>Solanum tuberosum</i> ) Tomato ( <i>Lycopersicum sp.</i> )	Late Blight ( <i>Phytophthora infestans</i> )	750 gr. of product per 200 L of water	Apply preventive or with first symptoms of the disease.

### SPRAY INTERVALS:

Apply each 7-10 days depending on the climate and disease pressure. Rotate with products with different mode of action. Do not apply more than 4 times during one crop cycle.

### PRE HARVEST INTERVALS:

7 Days for potato, tomato and tobacco.

### 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.

### COMPATABILITY

When used as recommended by the manufacturer, **IMPETU 69 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:

- IMPETU® 69 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 **IMPETU® 69 WP** should use goggles, gloves and face mask.
- Maintain away from heat and in its original, well sealed container, and appropriately labeled.

**DO NOT STORE IN HOMES  
MAINTAIN 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.

**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 clothing and clean skin with water and soap.

**NEVER GIVE DRINK OR INDUCE VOMITING  
TO PERSONS 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

**NORMS TO PROTECT THE ENVIRONMENT  
TOXIC TO FISH AND CRUSTACEAE**

