

# THE DOW AGROSCIENCES SOLUTION TO BLIGHTS AND DOWNEY MILDEWS

## **ELECTIS 75 WG**

A preventive residual fungicide for the control of Oomycete diseases including Early and late blight, Downy mildews, Pythium and Botrytis on flowers, roses, potatoes, tomatoes and other vegetables. It is a pre-mix formulation containing Zoxamide 83gm and Mancozeb 667gm per Kg. It has excellent activity on zoospore production and germination.

**Active ingredients :** Zoxamide 8.3% + Mancozeb 66.7%

**Formulation :** Water Dispersible Granules (WG)

### **Mode of Action**

Residual super contact protectant fungicide, with minimal systemicity. Zoxamide inhibits the formation of zoospores within the sporangia .It stops germ tube elongation at the first cycle of nuclear division, preventing fungal penetration of the host plant cells. It is highly resistant to wash off by rain or irrigation due to its binding and penetration into plant cuticle. Mancozeb forms a film on the leaf surface, has a multi-site activity and inhibits spore germination.

### **Directions for use**

#### **Mixing**

Add the recommended amount of Electis 75 WP to half the required volume of water and agitate, then top up the tank and continue with agitation during spraying.

#### **Timing of Application**

Apply the first spray from before the haulm meets along the row and then at regular intervals of 7-14 days, using the shorter interval when infection is heavy (rainy season). Overhead irrigated crops should always be sprayed with Electis 75 WG as soon as possible after irrigation once the foliage has dried. Do up to a maximum of 10 treatments per crop. Proper foliage coverage is necessary.

### **Spray volume**

Spray in 200-600 Liters per hectare

### **Compatibility**

Electis WG is compatible with most insecticides, fungicides and foliar feeds normally used. Where compatibility is in doubt a physical test should first be done before spraying an unknown tank mixture of any kind.

## **Rates of Use**

CROPS	DISEASES	KG/HA	KG/20LT
Potatoes, tomatoes	Early and blight	1.8kg	40gm
<b><u>Vegetables :</u></b> (brassicac, pepper, lettuce, Cucurbits, peas)	Downey mildew, root rot	1.8kg	40gm
Vines (grapes)	Downey mildew	1.8kg	40gm
Cut flowers	Downey mildew, blights, botrytis, black spots	1.8kg	40gm
Fruits	Fruit rots	1.8kg	40gm

### **Pre-harvest interval (PHI)**

7 days

### **BENEFITS :-**

- Excellent control of late blight on potatoes and tomatoes.
- Control of stem blight and tuber blight on potatoes
- Excellent Downey mildew control on vines and cucurbits
- New and unique mode of action with excellent activity on zoospore production and germination.
- Offers superior rain fastness in 1 hour.
- Ideal potato fungicide treatment prior to row closure for protection of lower foliage
- Up to 10 applications permitted, with 7-14 days intervals.
- Compatible with most commonly used fungicides and insecticides.
- Fits into integrated pest management (IPM)—harmless on beneficial arthropods
- Low risk to the environment---extremely crop safe.

### **AVAILABLE PACKS**

48x120g    12x1kg

**ALWAYS READ THE LABEL BEFORE USE**

***Marketed and distributed by***

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