

CIR-181644/2021-Propiconazole (EC) (428)-935

### **Propiconazole 25% E.C**

( Systemic Fungicide )

Propiconazole 25 % EC is a systemic fungicide is recommended for its use to control karnal bunt & rusts in Wheat, Sheath blight in rice & leaf spots, rust in groundnut, blister blight of tea, rust of soyabean, Leaf spot of Cotton. It contains 250 gm Propiconazole 1-(2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl-methyl)-1H-1,2,4-triazole) per liter of emulsifiable concentrate(EC) formulation.

#### **Recommendation**

<b><u>Crop(s)</u></b>	<b><u>Common Name of Pest</u></b>	<b><u>Dosage/HA</u></b>		<b><u>Dilution in Water (Ltr)</u></b>	<b><u>Waiting Period between last spray to harvest (in days)</u></b>	<b><u>Re-entry after each Application (In Hours)</u></b>
		<b><u>AI (gm)</u></b>	<b><u>Formulation (ml)</u></b>			
Cotton	Leaf spot	125	500	500	23	
Wheat	karnal bunt (Neovossia Indica) Leaf rust/Brown rust (puccinia recondite f. sp. tritici) Stem rust /Black rust (B. graininis f. sp. tritici) Stripe rust/yellow rust (p. striiformis)	125	500	750	30	
Tea	Blister blight	31.25-62.50	125-250	175-250	7	
Rice	Sheath blight (Rhizoctonia solani f. sesakii)	125	500	750	30	
Ground Nut	Early Leaf Spot (Cercospora arachidicola) Late Leaf Spot (C. personata) Rust (puccinia arachidis)	125	500	750	15	
Soybean	Rust (phakopsora pachyrhizi)	125	500	500	26	

### **Direction of Use**

Measure out required quantity of the product and mix it well with a small quantity of water. Add the remaining quantity of water as specified with thorough agitation for volume of application through knapsack sprayers or high volume sprayers.

### **Precaution**

1. Keep away from foodstuffs, empty foodstuff containers and animals feed.
2. Avoid contact with mouth, eyes and skin.
3. Avoid inhalation the spray mist. Spray in the direction of wind.
4. Wash thoroughly the contaminated clothes and parts of the body after spraying.
5. Do not smoke, drink, eat and chew anything while spraying.
6. Wear full protective clothing while mixing and spraying.

### **Symptoms Of Poisoning**

Sedation, dyspnoea, abnormal posture may occur.

### **First Aid**

1. If swallowed, induce vomiting by tickling the back of throat. Repeat it until the vomitus is clear. Do not induce vomiting if the patient is unconscious.
2. If clothing and skin are contaminated, remove the clothes and wash the contaminated skin with copious amount of soap and water.
3. If eyes are contaminated, flush with plenty of saline/clean water for about 10 to 15 minutes.
4. If inhaled, remove the patient to fresh air.
- 5.

### **Antidote**

No specific antidote. Treat symptomatically

### **Disposal Of Used Container**

DISPOSAL OF USED PACKAGES, SURPLUS MATERIALS AND WASHING OF FUNGICIDE: -

1. It shall be the duty of manufactures, formulators and Fungicide operators to dispose packages or surplus materials and washing in a safe manner so as to prevent environmental and water pollution.
2. The used package shall not be left outside to prevent re-use.
3. Packages shall be broken and buried away from habitation.

### **Storage Conditions**

CONTITIONS TO BE SPECIFIED FOR STORAGES OF FUNGICIDE: -

1. The package contains Fungicide shall be stored articles or shall be kept in separate almirahs under lock and key depending on the quantity and nature of Fungicide.
2. The rooms or premises meant for storing Fungicide shall be well built, dry, well lit, ventilated and of sufficient dimension.

**Chemical Composition:**

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Propiconazole	(a.i.)	25.00 % w/w
Emulsifying Agent	(Ethoxylated vegetable oil or equivalent)	10.00 % w/w
Surfactant/Wetting agent	(Alkyl aryl sulfonate of Ca / Na / Mg salt or equivalent).	3.00 % w/w
Cyclohexanone		25.00 % w/w
Organic solvent-	(C-IX)	Q.S % w/w
<b>Total:</b>		<b>100.000 % w/w</b>

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