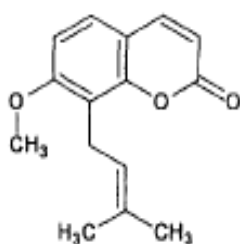


Botanical fungicide—1% Osthol EW

Product name: 1% Osthol EW

structural formula: C₁₅H₁₆O₃



➤ Product Description:

Osthol is bioactive components in fruits of Umbelliferae *Cnidium monnieri* (L.) Cuss, it has a broad spectrum of inhibitory activity to cucumber powdery mildew, wheat scab, apple blight, apple ring rot, and other plant pathogenic fungi. The mechanism of action is suppress cell absorption of calcium, it can affect transport process of inclusions in vesicle-dependent Ca²⁺ release into the cell wall, then affecting the top growth of the mycelium, while inhibiting spore germination significantly, to control the disease and sterilization. This product can quickly penetrate into plants and lesion site. It is low toxic, no pollution, no residue, not easy to induce resistance; It can improve crop quality, increase resistance and stimulate growth; field tests proved it also can control diamondback moth, cabbage caterpillar, tea looper, bollworm, beet armyworm and various aphids.

➤ Properties:

Melting point 83-84° C, boiling point 145-150 ° C; insoluble in water and cold petroleum ether, soluble in acetone, methanol, ethanol, chloroform, ethyl acetate, can be dissolved in boiling petroleum ether, stable under normal storage conditions, no decomposition phenomenon in PH5-9. Product quality guarantee period in room temperature storage at least 3 years.

Toxicity: Acute oral LD50> 3687mg/kg, acute dermal LD50> 2000mg/kg; rabbit skin, eyes without irritation; guinea pig skin allergy (sensitization) test result is a weak allergen (sensitization rate 0). It is a low toxicity fungicides.

➤ Target disease and use:

Plants	Target disease	Dilution time	Usage
cucumber	Powdery mildew	800-1000	spray
wheat	Wheat scab	1000-1200	Spray
apple	apple blight	1000-1200	Spay
apple	apple ring rot	800-1000	Spray

➤ Note:

1. Early prevention spray, spray evenly.
2. You can mix with a lot of pesticides and fertilizers.
3. Store in a dry, cool place, do not store with food, to avoid child feeding.
4. validity period: 3 years.