

Abamectin-Phoxim

Abamectin

Common name: abamectin

Chemical Abstracts name: 5-O-demethylavermectin A_{1a} (i) mixture with 5-O-demethyl-25-de(1-methylpropyl)-25-(1-methylethyl)avermectin A_{1a} (ii)

Molecular weight: B_{1a} 873.1 B_{1b}: 850.1

Molecular formula: B_{1a}: C₄₈H₇₂O₁₄ B_{1b}: C₄₇H₇₀O₁₄

Phoxim

Common name: phoxim

Chemical Abstracts name:

4-ethoxy-7-phenyl-3,5-dioxa-6-aza-4-phosphaoct-6-ene-8-nitrile 4-sulfide

Molecular weight: 298.3

Molecular formula: C₁₂H₁₅N₂O₃PS

Formulation: 15%EC

15% EC characteristics:

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Appearance	Light yellow to brown liquid
Content(abamectin), %	≥0.3
Content(phoxim),%	≥14.7
Water, %	≤1.0
Acid(calculated by H ₂ SO ₄), %	≤1.0

Uses:

Control of stored-product insects in granaries, mills, silos, ship, etc.ants and other insects in households and in public health; caterpillars and soil insects in maize, vegetables, potatoes, beet and cereals. Applied at 90-135g/ha.

Storage and transportation:

Put in a ventilated and dry place. Keep away from food, seed and feed. Do not touch eyes, skin and be absorbed by mouth and nose.