

# Bakeel®

Fipronil 15% + Imidacloprid 5% w/v SC  
(Insecticide)

Read Leaflet Before Use.

Fipronil 15% + Imidacloprid 5% w/v SC is a contact and systemic insecticide. It is used for the control of Aphids, Jassids, Thrips & Pink Borerworm in cotton.

Recommendation:

Crop	Common Name of the Pest	Dosage/HA	Application (Formulation)	Dilution in water (litre)	Pre harvest interval (Days)	Re-entry Period (Hour)
Cotton	Aphids, Jassids, Thrips	75-25	500	500	6	24
	Pink Borerworm	90-30	600			

☑ Show me before use

Good Practices relating to pesticide application techniques

**Direction of use:** Measure 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 total coverage of crop with suitable knapsack sprayer fitted with hollow cone nozzle.

**Weather condition (In general):** Spray preferably during morning and evening hours. Do not spray during rain.

**Solid and water (wherever applicable):** Only used as foliar application.

**Crop stage for Application:** Apply first spray during initial appearance of pests and repeat one or two sprays at 15 days interval depending on pest infestation.

**Application Techniques:** Measure 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 total coverage of crop with suitable knapsack sprayer fitted with hollow cone nozzle.

**Equipment Type:** Knapsack sprayer

**Nozzle Type:** Hollow cone nozzle

**Dosage:** Please refer above recommendation table for dosage details.

**Instruction for Mixing:** Measure 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 total coverage of crop with suitable knapsack sprayer fitted with hollow cone nozzle.

**Re-entry Period:** 24 hours.

**Manner & Time of Application:** Avoid application in afternoon hours. Ideal timing for application is morning and evening hours. Do not spray against wind.

**Application Timings:** Apply first spray during initial appearance of pests and repeat one or two sprays at 15 days interval depending on pest infestation. Apply maximum two sprays. Spray preferably during morning and evening hours. Do not spray against wind.

**Frequency including maximum number of sprays:** Apply first spray during initial appearance of pests and repeat one or two sprays at 15 days interval depending on pest infestation. Apply maximum two sprays.

**Stages during which pesticides should not be applied on any crop:** Applying on crop stage as instructed in crop label application. Do not apply during any other stage.

**Symptoms of Poisoning:** Convulsions, Tremors, Anxiety, Restlessness, Cauter. The above mentioned symptoms must not be confused with organophosphorus compounds. They may be delayed neurological effects, including brain oedema.

**First Aid Measures:** 1. Remove contaminated clothing immediately and dispose off safely. 2. Call physician immediately. 3. When irritated, remove from fresh air and seek medical aid. Give oxygen or artificial respiration, if needed. 3. In case of skin contact, wash off thoroughly with plenty of soap and water if available with polyurethane gloves. 4. In case of contact with eyes, immediately wash plenty of water and seek medical advice. 5. If swallowed, seek medical advice immediately. Gastric lavage should be carried out according to standard regimen. 6. Repeat medical supervision for at least 48 hours. However, the application of activated charcoal and sodium sulphate is always advisable. 7. In case of convulsions, a benzodiazepine (e.g. diazepam) should be given according to standard regimen. 7. Keep patient under medical supervision for at least 48 hours.

**Antidote:** Specific antidote does not known. Treat symptomatically.

**Physico-Toxicology:** Non-polytoxic to recommended doses.

**Storage Conditions:** 1. Storage and transportation of the product should be done in such a way that no foodstuff and animal feed are contaminated. 2. Store in a cool, dry, well-ventilated place free from all fire hazards and in its original containers, away from foodstuff and animal feeds. 3. If leakage or spillage occurs during transportation or storage, necessary measures should be taken for removal, packaging and pollution of soil and water. Keep up of reach of children.

**Safety Precautions:** 1. Avoid contact with spilled product or contaminated surfaces. 2. Wear personal protective equipment. Unprotected persons must not be kept away. 3. Do not use the product to contact with skin contact with skin. Use PVC or other plastic material gloves or nitrile gloves and long sleeve trousers to protect skin to avoid direct contact with the product. 4. Avoid contact with skin, eyes and clothing. Keep working clothes separate. For eye protection, use safety glasses (goggles). 5. Wash hands away from eating, drinking, smoking or using tobacco and also wash hands immediately after work. 6. Necessary hygiene should be observed after handling the spray. 7. Repeat medical supervision for at least 48 hours. However, the application of activated charcoal and sodium sulphate is always advisable.

**Cautionary Statement:** 1. The products highly toxic to fish and honey bees and thus the product should not be used to fish and honey bee hives and during the active foraging period of bees. 2. Do not use for any purpose other than those specified on label and labels. 3. Destroy the container after use as directed on the label.

**Disposal of used containers, washing from equipment and surplus material:** 1. It shall be the duty of manufacturers, formulators of insecticides and operators to dispose packages or surplus material washings in a safe manner so as to prevent contamination of the spray. 2. The used packages should not be left outside to prevent their reuse. 3. The packages shall be broken and buried away from habitation.

**Chemical Composition:**

Fipronil 15%	15.0% w/v
Imidacloprid 5%	5.0% w/v
Surfactant	5.0% w/v
Amine salt of Polyoxynolone alkyl phenol ether Phosphate	4.0% w/v
Polyoxy Ethylene Glycol Ether Soft Copolymer	4.0% w/v
Dialkylamine Glycol	6.5% w/v
Xanthum Gum	0.5% w/v
20% aqueous diethylene glycol solution of 1,2-dithioethanol-thione	0.5% w/v
Silicon emulsion xantam-R	1.0% w/v
Deionized water	0.5
<b>Total</b>	<b>100.00% w/v</b>

" DANGEROUS TO RE USE EMPTY CONTAINER "

Manufactured & Marketed by GHARDA CHEMICALS LIMITED  
Regd. Office: Gharda House, 48 H Road, Bandra (W), Mumbai - 400 050.

Factory: H.No. C-471, Khedi MIDC, V.Kherdi, Bhaerli, Taluka: Chitlur, District: Raichur, State: Maharashtra, Pincode: 414604.

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