

CIR-181849/2021-Indoxacarb (EC) (428)-776

Indoxacarb 15.8% EC

(Insecticide)

Indoxacarb 15.8% EC is a broad spectrum stomach and contact insecticide effective as a foliar application for the control of insect pests of cotton , cabbage, pigeon pea, rice ,soybean and chickpea.

Recommendation

Crop(s)	Common Name of Pest	Dosage/HA		Dilution in Water litre	Waiting Period between last spray to harvest in days	Re-entry after each Application (In Hours)
		AI gm.	Formulation ml.			
Pigeon Pea	Pod Borer	75	333	500	12	
Cotton	Bollworm	75	500	500-750	14	
Chickpea	Pod borer (Helicoverpa armigera)	50	333	500	18	-
Rice	Rice Leaf Folder	30	200	500	14	
Cabbage	Diamond back moth	40	226	500-750	5	
Soybean	Tobacco caterpillar, Green Semilooper, Stemfly	50	333	500	31	

Direction of Use

Plant Protection Equipment: Recommendations for use as foliar spray using high volume spraying equipment, such as knapsack sprayer, rocking sprayer, foot sprayer etc. are as under:

1. Spray equipment must be clean and free of previous pesticides deposits before applying Indoxacarb. Fill spray tank $\frac{1}{4}$ to $\frac{1}{2}$ full of water. Add Indoxacarb directly to spray tank. Mix thoroughly to fully dissolve the insecticide. Use 4 mechanical or hydraulic means; do not use air agitation. Spray mix should not be stored over night in spray tank.
2. The interaction of many equipment and weather related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making application decisions. Avoiding spray drift is the responsibility of the applicator.
3. Prior to application, start with clean, well maintained application equipment. Immediately following application, thoroughly clean all spray equipment to reduce the risk of forming hardened deposits, which might become difficult to remove. Drain the spray equipment. Thoroughly rinse sprayer, flush hoses, boom and nozzles with the clean water. Clean all other associated application equipment. Take all necessary safety precautions when cleaning equipment. Do not clean near wells, water sources or desirable vegetation.

Precaution

1. Read and follow all instructions on the label and leaflet very carefully. Save the container with label to the show physician in case of accidental poisoning.
2. Do not inhale the contents. Wear rubber gloves, goggles, face mask and protective clothing while handling. Avoid remaining in drift of spray by applying the insecticide with the wind.
3. Do not eat, drink, smoke or chew betel leaves while spraying.
4. Do not fill the spray tank beyond 3/4th of its capacity. Clean the blocked nozzle by a thin wire or pin and never by blowing the same.
5. In case of any spillage on the body it should be washed with plenty of water.
6. Always change clothing and take a bath as soon as insecticidal treatment is completed.
7. Call a physician immediately if any symptoms of poisoning appear in a person who is using or has recently used the insecticides.

Symptoms Of Poisoning

Mild eye irritation with tearing, pain or blurred vision, itching, burning, redness, swelling or rashes on the skin Vapour inhalation may cause irritation of the upper respiratory passages with coughing and discomfort. Based on animal tests, massive overdose might lead to signs of neurotoxicity. Prolonged overexposure would be expected to result in loss of body weight and mild, reversible anemia.

First Aid

1. If inhaled, remove patient to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call physician.
2. In case of contact with eyes, immediately flush with plenty of water for at least 15 minutes.
3. If on skin, wash with plenty of soap and water. Wash contaminated clothing before re-use.
4. If swallowed, immediately give 2 glasses of water and induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.

Phytotoxicity

Indoxacarb 15.8% EC is not phytotoxic at recommended dosage.

Antidote

No specific antidote available, treat symptomatically.

Disposal Of Used Container

1. Empty containers should not be re-used.
2. Destroy the empty containers after use and bury them ½ meter deep in soil away from habitation.
3. Surplus spray materials and washings from the machines and containers should be disposed off in a safe manner so as to prevent environmental and water pollution.
4. Follow manufacture's instructions for cleaning/maintaining personal protective equipment. If no such instructions for washables available, use detergent and hot water. Keep and wash personal protective equipment separately from other laundry.

Storage Conditions

1. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

2. Store the insecticide in its original pack tightly closed, away from the reach of children, irresponsible persons and livestock in a separate room, away from the rooms used for storing food stuffs, animal feeds and other articles, under lock and key. The rooms or premises meant for storing shall be well built, cool, dry, well-lit and ventilated and should be sufficient dimensions to avoid contaminations with vapor.
3. Transport the insecticide in such a manner so as not to come in contact with foodstuffs and animals feed.

Chemical Composition:

Indoxacarb (a.i.)	15.80 % w/w
C-18 fatty acid methyl ester methyl soyate	05.00 % w/w
Proprietary blend of Methyl Caprylate Caprate; Calcium dodecyl benzene sulfonate; and Castor Oil eth	10.00 % w/w
C6-10 fatty acid methyl ester methylCaprylate Caprate	Q.S. % w/w
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Total: 100.000 % w/w	
