

# NATERRA®

CHLORANTRANILIPROLE 0.4% w/w GR

INSECTICIDE

Chlorantraniliprole 0.4% w/w GR is a novel granular insecticide which contains 0.4% Chlorantraniliprole active ingredient.

Recommendation:

Crop	Common name of pest	Dosage/Hectare			Waiting period from last application to Harvest (Days)
		A.I. (gms)	Formulations (Kgs)	Method of application	
Rice	Stem borer ( <i>Scirphophaga incertulas</i> ) Paddy Leaf folder ( <i>Cnaphalocoris medinalis</i> )	40	10	Broadcast	53
Sugarcane	Early Shoot Borer ( <i>Chilo infuscellatus</i> ) Top Borer ( <i>Scirphophaga excelsalis</i> )	75	18.75	Broadcast	147

EQUIPMENTS USED IN APPLICATION: Hand operated granule applicator, mechanical disperser or by hand-wearing rubber gloves.

DIRECTION FOR USE: Uniformly broadcast chlorantraniliprole granules @ 4kg/acre in Rice & 5.75kg/acre in Sugarcane. For Sugarcane, application of chlorantraniliprole is to be done in furrows at planting or at the base of young emerging shoots along the furrows followed by an irrigation.

TIME OF APPLICATION: 1) 15-35 DAT (Days after transplanting) for Rice. 2) In case of Sugarcane, application between planting to 1st irrigation is recommended for Early shoot borer while for Top borer application should coincide with appearance of Top borer moths.

MAXIMUM NO. OF APPLICATIONS: One

IRAC GROUP CODE: 28

MODE OF ACTION: Ryanoctine Receptor Modulators

CHEMICAL SUBGROUP: Anthranilic Diamides

IRM STATEMENT: Unless directed otherwise in the specific crop/insect sections of the label, the following practices are recommended to prevent or delay the development of insecticide resistance to Chlorantraniliprole 18.5% SC and to Group 28 insecticides: 1) Apply Chlorantraniliprole 18.5% SC or other Group 28 insecticides using a "window" approach to avoid exposure of consecutive insect pest generations to the same mode of action. Multiple successive applications of Chlorantraniliprole 18.5% SC are acceptable if they are used to treat a single insect generation. Following a "window" of Chlorantraniliprole 18.5% SC or other Group 28 insecticide, rotate to a "window" of applications of effective insecticides with a different mode of action. 2) Length of a window should be equal to length of one generation of the targeted insect. The total exposure period of all "Group 28-active windows" applied throughout the crop cycle (from seedling to harvest) should not exceed 50% of the crop cycle. 3) Incorporated IPM techniques into the overall pest management program. 4) Monitor insect populations for loss of field efficacy.

PHYTOTOXICITY: Not phytotoxic at recommended dosages.

PRECAUTIONS: 1. Keep away from foodstuff, empty foodstuff containers and animal feed. 2. Avoid contact with mouth, eyes and skin and inhalation of the insecticide. 3. Wash thoroughly the contaminated clothes and body parts after handling. 4. Do not smoke, drink, eat or chew anything while handling. 5. Wear full protective clothing viz., rubber gloves, goggles, eye/face shield while handling.

STORAGE AND HANDLING: 1. The packages containing insecticides shall be stored in original containers in separate rooms or premises, away from the room or premises used for storing other articles or shall be kept in separate almirahs under lock and key depending upon the quantity and nature of the insecticide. 2. Don't store or consume food, drink or tobacco in areas where they become contaminated with this material. 3. The room and premises meant for storing the insecticides shall be well built, cool, dry place, well lit and ventilated and of sufficient dimension.

DISPOSAL: 1) The packages shall be broken and buried 1/2-meter-deep in soil away from habitation. 2) The used packages shall not be left outside to prevent their re-use. 3) Packages by surplus material and wrapping shall be disposed off in a safe manner so as to prevent environmental and water pollution.

CHEMICAL COMPOSITION:

INGREDIENTS

Chlorantraniliprole a.i.	: 0.40% w/w
Polyacrylic acid	: 0.40% w/w
Water	: 0.40% w/w
Dodecyldihydroxypoly (Oxy-1,2 ethanediyl) phosphate	: 0.40% w/w
Calcium Lignosulphonate	: 1.00% w/w
Dye Blue	: 0.05% w/w
Talc Powder	: 8.00% w/w
Sand	: Q.S.
Total	: 100.00% w/w

SYMPOTMS OF POISONING: Lethargy, Nasal secretion and Blurred vision.

FIRST AID: 1. If on skin: Wash the contaminated skin with soap and water. 2. If in eyes: Flush with plenty of water is advisable. Consult a physician if necessary. 3. If inhaled: No specific intervention is indicated. 4. If swallowed: Consult a physician.

ANTIDOTE: No specific antidote is available, treat symptomatically.

CAUTION: Not to be used on crops other than specified on this label/leaflet.

# NATERRA®

वलोरेन्ट्रानिलिप्रोल 0.4% व/व ग्रीनर

(कीटोनायिक)

वलोरेन्ट्रानिलिप्रोल 0.4% व/व जी आर  
(कीटोनायिक)

वलोरेन्ट्रानिलिप्रोल 0.4% व/व जी आर एक नवीन प्रेस्यूल कीटोनायिक है जिसमें 0.4% वलोरेन्ट्रानिलिप्रोल संक्षिप्त तरफ के रूप में प्रियत है।

प्रयोग का इस्तेमाल की सिकारिशें:

फसल	किट का सामान्य नाम	प्रति हेक्टर मात्रा			कटाई से अंतिम प्रयोग तक विवर
		स. तरल (ग्राम)	प्रियत्री (किक.ग्रा.)	प्रयोग की विधि	
धान	पीली तरा छेदक (स्ट्रिकोपागा इंस्ट्रेटुलस)	40	10	बिखराव	53
गन्धी	ता / गोल छेदक (काइटा इंस्ट्रेटुलस)	75	18.75	बिखराव	147

प्रयोग का इस्तेमाल होने वाला उपयोग: हरत वितरण प्रेस्यूल एप्लिकेटर, मशीन से बलनाला डिस्पेलर या यह वे के दस्तावें पर कर द्या जाए से वितरण कर।

प्रयोग का नियन्त्रित वितरण: वलोरेन्ट्रानिलिप्रोल ग्रैन्स 4 किलोग्राम और 5.75 किलोग्राम इन स्कैप्ट एक धान के खेत में और 7.5 किलोग्राम एक गन्धी के खेत में एक साथ प्रयोग। इसमें नेटवरों का प्रयोग बुआई के समय नाली में तथा अंतिम के समय लगभग के जड़ों के पास मिट्टी में पैदा होने वाले और इसके बाहर सिंचाव करें।

प्रयोग का समय: 1) शरीर की रोपाई के 15 – 35 दिन बाद बिखराव करें। 2) गन्धी के खेत में बुआई से एकीनी तक प्रयोग करने पर ताजे छेदक से बचाव होता है। शीर्ष छेदक से बचने के लिए शीर्ष छेदकों के ठंडे दिन दिखाया ही प्रयोग करें।

प्रयोग का सामान्य: 1) शरीर की रोपाई के 15 – 35 दिन बाद बिखराव करें।

प्रयोग का विधिक वितरण: एक ग्रैन्स डिस्पेलर

जारी करने वाली तरीका: ग्रैन्स डिस्पेलर

जारी करने का विधिक वितरण: एक ग्रैन्स डिस्पेलर

