

OPTIMAR

Novaluron 5.25% + Indoxacarb 4.5% w/w SC (Insecticide)

Novaluron 5.25%+Indoxacarb 4.5% SC is used for the control of *Helicoverpa armigera* in Tomato, Chickpea, Soybean, Pigeon pea and Chili and Groundnut, *Spodoptera litura* in Tomato, Soybean, Chili and Blackgram and Groundnut, *Semioleper* in Soybean, *Melanogramma obtuse* (pod or fruit borer) in Pigeon pea and Chili; *Etiella zinckenella* and *Maruca vitrata* (Blackgram pod borer complex) in Blackgram and *Chnaphalocrocis medinalis* (Rice leaf folder) in Rice.

Recommendations for use:

Crop	Pest	Dosage per Hectare			Waiting Period from last Spray to harvest (days)
		a.i. (gms)	Formulation (ml)	Water (Litre)	
Tomato	Fruit Borer (<i>Helicoverpa armigera</i>) and Leaf eating caterpillar <i>Spodoptera litura</i>	43.31+37.13 to 45.94+39.38	825 - 875	500	5
		43.31+37.13 to 45.94+39.38	825 - 875	500	9
Chickpea	Gram pod borer (<i>Helicoverpa armigera</i>)	43.31+37.13 to 45.94+39.38	825 - 875	500	14
Soybean	<i>Spodoptera litura</i> , <i>Helicoverpa armigera</i> and <i>Semioleper</i>	43.31+37.13 to 45.94+39.38	825 - 875	500	25
Pigeon-pea	Pod borer complex (<i>Melanogramma obtusa</i> and <i>Helicoverpa armigera</i>)	43.31+37.13 to 45.94+39.38	825 - 875	500	7
Chilli	Fruit borer complex (<i>Helicoverpa armigera</i> , <i>Spodoptera litura</i>)	43.31+37.13 to 45.94+39.38	825 - 875	500	14
Black-gram	Black gram pod borer complex (<i>Etiella zinckenella</i> , <i>Spodoptera litura</i> and <i>Maruca vitrata</i>)	22.97 + 19.69	437.5	500	40
Rice	Rice leaf folder (<i>Chnaphalocrocis medinalis</i>)	45.94+39.38	875	500	34
Groundnut	<i>Helicoverpa armigera</i> & <i>Spodoptera litura</i>				

Direction for use: Take the measured quantity of insecticide and add to it a small quantity of water. Stir thoroughly using a stick or rod and add the remaining quantity of water, stir well to form final spray solution.

Time of application: Spray to be initiated, when pest's population reaches economic threshold level (ETL).

Application Techniques: Foliar application
Instruction for mixing: Thoroughly mix recommended quantity of Novaluron 5.25%+Indoxacarb 4.5% w/w SC into water volume recommended for unit area.

Stage for application: Best when applied at the earlier stage of the crop when pest's population reaches economic threshold level (ETL).

Plant protection Equipment : Knapsack sprayer, foot sprayer, compression knapsack sprayer or motorized sprayer fitted with high volume nozzles.

Nozzle type: Hollow cone nozzle.

Dosage: Please refer the above table.

Pre-Harvest Interval: Please refer the above table.

Re-entry period: 48 Hours

Weather conditions: Do not spray during rainy and windy conditions.

Soil: Light to heavy soil.

Phytotoxicity: No phytotoxic when used as recommended.

Symptoms of poisoning: Inhalation may cause coughing, shortness of breath, chemical pneumonitis, lung oedema, bronchospasm. Ingestion may cause vomiting, nausea, diarrhea. In case of skin contact redness, oedema or dermatitis may occur. Eye contact may result in tears of redness, blurred vision. Reversible anaemia may occur.

First aid: Remove patient to fresh air. Do not induce vomiting if swallowed. Wash contaminated body parts with soap and water. Refer to physician.

Antidote: There is no specific antidote. Treat symptomatically and give supportive therapy.

Precautions by the user: 1. Keep away from foodstuffs, empty food stuff containers and animal food. 2. Avoid contact with mouth, eyes and skin. 3. Avoid inhalation of spray mist. Spray in direction of wind. 4. Wash thoroughly the contaminated clothes and parts of the body after spraying. 5. Do not smoke, drink, eat, and chew anything while spraying. 6. While mixing and spraying the insecticide, users must wear protective clothing like long sleeved shirt, long pants, chemical resistant gloves, shoes, goggles, hat and mask.

Storage Conditions : 1. Insecticide shall be stored in separate rooms and premises away from the rooms and premises used for storing other articles particularly of food or shall be kept in separate almirahs under lock and key depending upon the quantity and nature of the insecticide. 2. The rooms and the premises meant for storing the insecticides shall be well built, dry, well lit and ventilated and of sufficient dimension to avoid contamination with vapour.

Disposal of used container: 1. Packages or surplus materials and washings from the machines and containers should be disposed off in a safe manner so as to prevent environmental or water pollution. 2. The used packages shall not be left outside to prevent their re-use. 3. The packages shall be broken and buried away from habitation.

DANGEROUS TO RE-USE EMPTY CONTAINERS.

Chemical composition	5.25% w/w
Novaluron a.i.	4.5% w/w
Indoxacarb a.i.	7.8% w/w
Dimethyl Sulphoxide	7.2% w/w
Polyethylene Glycol	2.0% w/w
Propylene Glycol	9.7% w/w
Xanthum gum	0.97% w/w
1,2 Benzisothiazoline-3-one	0.05% w/w
Soft Water	q.s to make
Total	100.00% w/w

Condition: Product is toxic to fish and aquatic organisms and thus the product containing the molecules may be avoided near aquaculture.

Warning: Not to be used on crops other than mentioned on Label & Leaflets.

ఆప్టిమర్

నోవాల్యూరాన్ 5.25% + ఇండోగ్రాకార్బ్ 4.5% w/w SC (ఓడికనాశి)

నోవాల్యూరాన్ 5.25% + ఇండోగ్రాకార్బ్ 4.5% వీసెస్ SC is used for the control of *Helicoverpa armigera* in Tomato, Chickpea, Soybean, Pigeon pea and Chili and Groundnut, *Spodoptera litura* in Tomato, Soybean, Chili and Blackgram and Groundnut, *Semioleper* in Soybean, *Melanogramma obtuse* (pod or fruit borer) in Pigeon pea and Chili; *Etiella zinckenella* and *Maruca vitrata* (Blackgram pod borer complex) in Blackgram and *Chnaphalocrocis medinalis* (Rice leaf folder) in Rice.

పంట	పంట	మోతాదు (హెక్టారుకు)			వేచి నిలిపే వరకు వేచి వుండవలసిన సమయం (రోజులు)
		ఎ.ఐ. (గ్రాం)	మోతాదు (మి.లీ)	నీరు (లీటర్లు)	
టమాటో	మీసల తొలుడు పురుగు (ఫలదోషినిచ్చి అల్పిషి) & ఆకు తో గొంగురుపురుగు (సాదోషినిచ్చి పురుగు)	43.31 + 37.13 నుండి 45.94 + 39.38	825-875	500	5
		43.31 + 37.13 నుండి 45.94 + 39.38	825-875	500	9
చిక్పీ	గ్రామ్ పండ్ల పురుగు (ఫలదోషినిచ్చి అల్పిషి)	43.31 + 37.13 నుండి 45.94 + 39.38	825-875	500	14
సోయాబీ	ఫలదోషినిచ్చి అల్పిషి, సాదోషినిచ్చి పురుగు మరియు మెమలూనా	43.31 + 37.13 నుండి 45.94 + 39.38	825-875	500	25
పిఠి	పండ్ల దోషినిచ్చి అల్పిషి, ఫలదోషినిచ్చి పురుగు మరియు మెమలూనా	43.31 + 37.13 నుండి 45.94 + 39.38	825-875	500	7
చిల్లీ	ఫలదోషినిచ్చి అల్పిషి, ఫలదోషినిచ్చి పురుగు మరియు మెమలూనా	43.31 + 37.13 నుండి 45.94 + 39.38	825-875	500	14
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పంట	పంట	45.94+39.38	875	500	34

Direction for use: Take the measured quantity of insecticide and add to it a small quantity of water. Stir thoroughly using a stick or rod and add the remaining quantity of water, stir well to form final spray solution.

Time of application: Spray to be initiated, when pest's population reaches economic threshold level (ETL).

Application Techniques: Foliar application
Instruction for mixing: Thoroughly mix recommended quantity of Novaluron 5.25%+Indoxacarb 4.5% w/w SC into water volume recommended for unit area.

Stage for application: Best when applied at the earlier stage of the crop when pest's population reaches economic threshold level (ETL).

Plant protection Equipment : Knapsack sprayer, foot sprayer, compression knapsack sprayer or motorized sprayer fitted with high volume nozzles.

Nozzle type: Hollow cone nozzle.

Dosage: Please refer the above table.

Pre-Harvest Interval: Please refer the above table.

Re-entry period: 48 Hours

Weather conditions: Do not spray during rainy and windy conditions.

Soil: Light to heavy soil.

Phytotoxicity: No phytotoxic when used as recommended.

Symptoms of poisoning: Inhalation may cause coughing, shortness of breath, chemical pneumonitis, lung oedema, bronchospasm. Ingestion may cause vomiting, nausea, diarrhea. In case of skin contact redness, oedema or dermatitis may occur. Eye contact may result in tears of redness, blurred vision. Reversible anaemia may occur.

First aid: Remove patient to fresh air. Do not induce vomiting if swallowed. Wash contaminated body parts with soap and water. Refer to physician.

Antidote: There is no specific antidote. Treat symptomatically and give supportive therapy.

Precautions by the user: 1. Keep away from foodstuffs, empty food stuff containers and animal food. 2. Avoid contact with mouth, eyes and skin. 3. Avoid inhalation of spray mist. Spray in direction of wind. 4. Wash thoroughly the contaminated clothes and parts of the body after spraying. 5. Do not smoke, drink, eat, and chew anything while spraying. 6. While mixing and spraying the insecticide, users must wear protective clothing like long sleeved shirt, long pants, chemical resistant gloves, shoes, goggles, hat and mask.

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Disposal of used container: 1. Packages or surplus materials and washings from the machines and containers should be disposed off in a safe manner so as to prevent environmental or water pollution. 2. The used packages shall not be left outside to prevent their re-use. 3. The packages shall be broken and buried away from habitation.

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Soft Water	q.s to make
Total	100.00% w/w

Condition: Product is toxic to fish and aquatic organisms and thus the product containing the molecules may be avoided near aquaculture.

Warning: Not to be used on crops other than mentioned on Label & Leaflets.

అమిషా

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Indoxacarb a.i.	7.8% w/w
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Total	100.00% w/w

Condition: Product is toxic to fish and aquatic organisms and thus the product containing the molecules may be avoided near aquaculture.

Warning: Not to be used on crops other than mentioned on Label & Leaflets.

Amish CROPS SCIENCES

Innovation starts with Amish

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Caution: Not to Be Used on Crops Other Than Specified on This Label/Leaflet.

INSTRUCTIONS FOR USE



Read enclosed leaflet before use.
ఉపయోగించుటకు ముందు ఇతరవేచి కరపత్రమును చదవండి.

उपयोग से पहले संलग्न लीफलेट पढ़ें।
Manufactured & Marketed by:
AMISH CROPS SCIENCES PVT. LTD.,
Survey No.: 172, Udumalapuram (VIII),
Dhone (Mandal), Nandyal (Dist.)-518 222,
Andhra Pradesh, INDIA.

उत्पादक और विपणनकर्ता :
अमिश क्रॉप साइंसेस प्राइवेट लिमिटेड,
सर्विस नंबर: १७२, उडुमलपुड़ा (वIII), डोन (मंडल),
नंदयल (तेलंगाणा) ५१८ २२२, आन्ध्रप्रदेश, भारत

In Case of any Consumer Complaints Contact :
"Manager-Customer Care" Cell No.: +91 70750 68855,
Email: customercare@amishcropsosciences.com Office : Agrisol House, 8-518/21, Allwyn Cross Roads, Miyapur, Hyderabad-500049, Telangana.
उपयोगकर्ता शिकायत-कोडिफिकेशन के लिए कस्टमर केयर सेल नंबर पर उपलब्ध है।
+91 ७०७५० ६८८५५, ई-मेल: customercare@amishcropsosciences.com

Reg. Lic. No. : KNL/49/COMM/PM/2018/5281
Reg. No. : CIR-244751/2023-Novaluron + Indoxacarb (SC) (443)-251

For Agricultural Use Only
EMPTY PACKAGES/CONTAINERS SHOULD BE DESTROYED AFTER USE

