

GY-SYDBAR-LEAFLET-20170706

SIZE:210(W)X297(H)MM PGYS30M010170706

¡STOP! READ THE LABEL BEFORE USING THE PRODUCT AND CONSULT A PROFESSIONAL IN AGRICULTURAL SCIENCES



INSECTICIDE NEONICOTINOID AND AVERMECTINS IMIDACLOPRID + ABAMECTIN

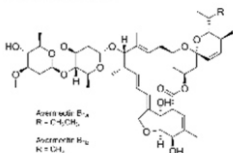
CHEMICAL GROUP: Neonicotinoid and Avermectins
FORMULATION: Suspension Concentrate (SC)
REGISTRATION NUMBER: PTCCB/ROT//16/341
COMMON NAME (ISO):
Imidacloprid 300 g/l + Abamectina 28 g/l (328 g of i.a. per liter)

CHEMICAL NAME (IUPAC):

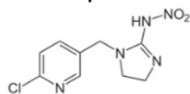
Imidacloprid: (2E)-1-[(6-chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine
Abamectin: (10E, 14E, 16E, 22Z) - (1R,4S,5'S,6S,6'R,8R,12S,13S,20R,21R,24S) -6'-[(S)-sec-butyl]-21,24-dihydroxy-5',11,13,22-tetramethyl-2-oxo-3,7,19-trioxatetracyclo[15.6.1.14.8.0.20,24]pentacos-10,14,16,22-tetraene-6-spiro-2'-(5',6'-dihydro-2'H-pyran)-12-yl 2,6-dideoxy-4-O-(2,6-dideoxy-3-O-methyl-a-L-arabino-hexopyranosyl)-3-O-methyl-a-L-arabino-hexopyranoside(i) mixture with (10E, 14E, 16E, 22Z) - (1R,4S,5'S,6S,6'R,8R,12S,13S,20R,21R,24S) -21,24-dihydroxy-6'-isopropyl-5',11,13,22-tetramethyl-2-oxo-3,7,19-trioxatetracyclo[15.6.1.14.8.0.20,24]pentacos-10,14,16,22-tetraene-6-spiro-2'-(5',6'-dihydro-2'H-pyran)-12-yl 2,6-dideoxy-4-O-(2,6-dideoxy-3-O-methyl-a-L-arabino-hexopyranosyl)-3-O-methyl-a-L-arabino-hexopyranoside(ii) (4:1).

STRUCTURAL FORMULA:

Abamectin



Imidacloprid



EMPIRICAL FORMULA:

Imidacloprid: C₉H₁₀ClN₅O₂
Abamectin: C₄₈H₇₂O₁₄ (Avermectin B1a); C₄₇H₇₀O₁₄ (Avermectin B1b).

MOLECULAR MASS:

Imidacloprid: 255.6
Abamectin: 866.6

PHYSICAL AND CHEMICAL PROPERTIES:

Melting point: 161.8-169.4 °C (descomp.)
Density: 1.18 (22 °C)
Kow: logP= 4.4±0.3 (pH 7.2)
Solubility: Water miscible
COMPONENTS: Additives c.s.p. 1 liter
DISPLAY: 250 ml; 1, 5 liter.

FORMULATED BY:



JIANGSU ROTAM CHEMISTRY CO. LTD., CHINA
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DISTRIBUTED BY:



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PRECAUTIONS AND INSTRUCTIONS OF USE:

DO NOT STORE IN HOMES, STORE AWAY FROM CHILDREN, MENTALLY ILL PERSONS DOMESTIC ANIMALS, FOOD AND MEDICINE.

USE THE FOLLOWING ELEMENTS FOR PERSONAL PROTECTION DURING THE PREPARATION OF THE MIXTURE, HANDLING AND APPLICATION: BOOTS, FACE MASK, GOGGLES AND GLOVES.

DO NOT EAT, SMOKE OR DRINK DURING THE HANDLING OF THIS PRODUCT. TAKE A SHOWER AND PUT ON CLEAN CLOTHES AFTER HANDLING AND USING THE PRODUCT.

SYMPTOMS OF INTOXICATION:

It may cause irritation to skin and eyes. Avoid contact with skin and clothing.

FIRSTAID:

INGESTION: Do not induce vomit because pulmonary aspiration might occur. Immediately call a doctor or the National Center for intoxications.

INHALATION: In case of inhalation may occur nasal obstruction, runny nose and scratchy feeling in the throat. It may have weak and slow pulse.

Remove the patient from the contaminated area and expose him to fresh air. Maintain in rest and check his respiration.

CONTACT WITH SKIN: Remove all the contaminated clothing and wash carefully with water and soap for 15 minutes.

CONTACT WITH EYES: open the eye lids and wash with abundant clean water during 15 minutes, consult with a doctor.

NEVER GIVE DRINK OR INDUCE VOMIT TO PERSONS WHICH IS NOT CONSCIOUS.

MEDICAL TREATMENT: Treat symptomatically; Administer abundant liquids if the patient has ingested the product.

GUARANTEE NOTE

"The manufacturer and registrant guarantee the quality of the product in its original and sealed hermetic container. It also guarantees the efficacy of the product, if it is used as indicated in the pamphlet. Since the storage and handling is out of our control it is impossible to assume the responsibility of damage resulting from such factors. We also guarantee the chemical composition of the product as indicated in the label, when the bottle is originally sealed.

AGRONOMICS USES:

MODE OF ACTION:

Imidacloprid: It is an insecticide molecule that acts by contact and ingestion for control of sucking insects in various crops, it is systemic in the plant and has a long residual effect.

Abamectin: insecticide is a translaminar when applied to the surface of the leaf penetrates the foliar tissue forming a reservoir in the waxy cuticle layer in this way affect insects and mites by contact and ingestion.

APPLICATION EQUIPMENT:

SYDBAR®, can be applied with manual or motorized equipment. As back sprayers or by tractor, using high volume, low volume or ULV nozzles. Make sure that the spraying equipment is in good condition. Calibrate with water before spraying. Do not apply trough irrigation systems. Spraying equipment used for the application of **SYDBAR®** requires cleaning according with the manufacturers of the equipment. This product does not have any specific recommendation in this aspect. To realize the application it is recommended to use cone spray tips, to give a good coverage of the foliage. Use the following personal protection equipment while handling, mixing, and using the product: rubber boots, mask, goggles, and gloves.

DIRECTIONS OF USE:

Crops	Species	Common name	Dose/Ha
Tomato/Peppers	Tuta absoluta	Tomato Leaf Miner	0.5 L
	Trips tabaci	Thrips	
	Aphis gossypii	Aphis	
	Tetranychus spp	Spider Mites	
Rice	Oebalus sp	Paddy bug	

APPLICATION INTERVAL:

It is recommended one application per crop cycle and within an IPM program, to avoid resistance to the product. The application must be made at the beginning of infestation or having the first attacks of the pest
RE-ENTRY INTERVAL TO AREA TREATED: 24 hours.

COMPATIBILITY:

SYDBAR® is not phytotoxic at the doses recommended and crops. When mixed with products in which the crop selectivity and / or mixing compatibility is not known, we recommend at the user perform a small-scale test before commercial application.

PROTECT THE ENVIRONMENT BY APPLYING GOOD FARMING PRACTICES, COMPLY WITH THE RECOMMENDATIONS GIVEN IN THIS PAMPHLET.

DO NOT CONTAMINATE RIVERS, LAKES AND PONDS WITH THIS PRODUCT OR WITH EMPTY CONTAINERS

COUNTRY: GUYANA
REGISTRATION NUMBER: PTCCB/ROT//16/341
DATE OF REGISTRATION: JULY 21ST 2016

LOT NUMBER:
DATE OF FORMULATION:
DATE OF EXPIRATION:

MODERATELY HAZARDOUS