

Production date:
Expiry date:
Charge nr:
License date and nr:

PLANTS and INSECTS TO APPLY ON

PLANT	HAZARDOUS ORGANISM	DOSE	PERIOD BETWEEN LAST SPRAYING AND HARVEST
GRAPEVINE	<i>Lobesia botrana</i>	10 ml/100 L water	7 days
PEPPER (Glasshouse)	<i>Frankliniella occidentalis</i>	20 ml/100 L water	3 days
TOMATO (Glasshouse)	<i>Spodoptera littoralis</i>	30 ml/100 L water	3 days
CUCUMBER (Glasshouse)	<i>Liriomyza spp.</i>	25ml/Pacgrow+125 ml summertime oil/100 L water tank mixture	3 days
POTATO	<i>Leptinotarsa decemlineata</i>	10 ml/da	3 days
COTTON	<i>Spodoptera littoralis</i>	25 ml/da	28 days
	<i>Helicoverpa armigera</i>	12.5 ml/da	
	<i>Spodoptera exigua</i>	25 ml/da	
PISTACCHIO	<i>Agonoscena pistaciae</i>	10 ml Pacgrow+125 ml summertime oil /100 L water tank mixture	14 days

HOW TO USE:

- Using the advised dose following the instructions is enough to get positive results.
- Shake the bottle well before use.
- Clear water of approximately pH 7 is advised.
- Fill the half of the spraying tank. Weigh some of the product as much as needed by using a scale with degrees, make a mixture in a separate tank, switch the mixer on, add the product. In a separate tank, it is well mixed with water and then put into the tool tank. While the mixer is on, fill in the rest of tool with water.
- While the spraying continues, the chemical has to be continuously mixed or the mixer has to be always on.
- Since the product has stomach and touch effect, the whole surface of the plant has to be coated.

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Suspension concentrated

Active ingredient and quantity: 480 g/L Spinosad

Mixture 50–95% (2R,3aS,5aR,5bS,9S,13S,14R,16aS,16bR) -2-(6-deoxy-2,3,4-tri-O-methyl- α -L-mannopyranosyloxy)-13-(4-dimethylamino -2,3,4,6-tetra-deoxy- β -D-erythro-pyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,7,9,10,11,12,13,14,15,16a,16b-hexadeca-hydro-14-methyl-1H-as-indaceno[3,2-d]oxacyclododecine-7,15-dione and 50–5% (2S,3aR,5aS,5bS,9S,13S,14R,16aS,16bS)-2-(6-deoxy-2,3,4-tri-O-methyl- α -L-mannopyranosyloxy)-13-(4-dimethylamino-2,3,4,6-tetra-deoxy- β -D-erythro-pyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,7,9,10,11,12,13,14,15,16a,16b-hexadeca-hydro-4,14-dimethyl-1H-as-indaceno[3,2-d]oxacyclododecine-7,15-dione

GROUP	5	INSECTICIDE
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READ THE LABEL FIRST.
DO NOT USE AT HOME
KEEP AWAY FROM CHILDREN, FOOD AND ANIMAL FOOD
DO NOT INHALE THE VAPOR AND DRIBLET
WEAR MASK, PROTECTIVE UNIFORM, GLOVES, AND GLASSES
DO NOT EAT OR DRINK DURING THE APPLICATION
DO NOT SMOKE
HUMANS AND ANIMALS FOR 1 DAY ARE NOT ALLOWED INTO THE AREA APPLIED.
TO AVOID RISK ON HUMAN AND ENVIRONMENT HEALTH, FOLLOW THE INSTRUCTIONS OF USE..

THE USE ON THE PRODUCTS OTHER THAN RECOMMENDED STRICTLY PROHIBITED

NATIONAL TOXIC CONSULTANCY ASSOCIATION (NPCA) Tel:114

Net Amount:
Max. Retail Sales Price

DANGER SPECIFICATION

N: Dangerous for the environment

DANGER SYMBOL



N:DANGEROUS FOR THE ENVIRONMENT

INGREDIENTS:

CONTAINS SPINOSAD

JARGON TO RISK AND EXPLANATIONS

R50: Very toxic to aquatic organisms.

R53: May cause long term negative effects in aquatic environments.

JARGON TO SAFETY AND EXPLANATIONS

S1/2: Keep locked, out of reach of children.

S13: Keep away from food, beverage and animal food.

S29: Do not empty into canalisation.

S35: Chemical and the package must be safely asided.

S36/37/39: wear suitable mask, protective uniform, gloves, and glasses

S45: In case of incident, if you do not feel well see a doctor immediately (Show the label if possible)

S46: If swallowed, immediately see a doctor, show the bottle or label.

S56: Have this product and its package asided or aside at a dangerous or private waste treatment facility.

S57: Use an appropriate tank to avoid it to contaminate around

S61: Avoid releasing around. Address to the special instructions of use or the Security Information Form.

MANUFACTURING COMPANY

ASTRANOVA Tarım Ticaret ve San. A.Ş.

Mersin-Tarsus Organize Sanayi Bölgesi

Cumhuriyet Cad.No: 15 Tarsus-MERSİN

Tel:0324 676 42 78-79, Fax:0324 676 42 80

LICENSED COMPANY:

AGRI SCIENCES Tarım ve İlaç Ür. San. ve Tic. Ltd. Şti.

Bekir Saydam Cad. No:31 Pancar,Torbali-İZMİR

Tel: 0232 864 13 33 Fax: 0232 864 16 79

Following of Page 2

Specifications

- A fermentation product effective on many insects with a wide spectrum.
- Made of the soil rooted actinomysed bacteria *Saccharopolyspora spinosa* in natural ways (by fermentation-yeasting)
- Affect the neurologic system of the insect through stomach and contact. Stops the insect feed, thus the insect dies in max. three days.
- One of the most important specification is that it has very low toxicity against the warm blooded.
- Since produced naturally and used in low doses, it does not pollute the environment.
- Conforming to integrated fight programs (the letter of TR Ministry of Agricultural and Rural Affairs dated 01.10.2000, numbered 003230)
- Extremely safe for the cultivated plants and no phytotoxicity has been detected so far in any test..
- Since can be instantly mixed with water, can be used with any tool.

INFORMATION ON IMMUNITY

Pacgrow is an insecticide of Class 5 according to its effect mechanism. The repetitive use of the products with the same effect mechanism encourages development of immunity. So, do not exceed the advised total applying number of **Pacgrow** per same production season. In case repeats are needed, use products with different effect mechanism (other than Group 5).

MISCIBILITY:

- Not to be mixed with sulphur and strong alkali characted products.
- Before mixing with other products, it is advised that the grower shall make a mixture trial with his opportunities and under the responsibility of own.
- If to be used to control foliar galery flies, has to be mixed with summertime oil.
- Since it is conforming to the integrated fight program, may lose this property if mixed with a poisonous preparation on beneficial insects.

AGRI SCIENCES Tarım ve İlaç Ür. San. Ve Tic. Ltd. Şti.



Suspension concentrated

Active ingredient and quantity: 480 g/L Spinosad

Karışım 50–95% (2R,3aS,5aR,5bS,9S,13S,14R,16aS,16bR) -2-(6-deoxy-2,3,4-tri-O-methyl- α -L-mannopyranosyloxy)-13-(4-dimethylamino -2,3,4,6-tetraoxy- β -D-erythropranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,7,9,10,11,12,13,14,15,16a,16b-hexadecahydro-14-methyl-1H-as-indaceno[3,2-d]oxacyclododecine-7,15-dione and 50–5% (2S,3aR,5aS,5bS,9S,13S,14R,16aS,16bS)-2-(6-deoxy-2,3,4-tri-O-methyl- α -L-mannopyranosyloxy)-13-(4-dimethylamino-2,3,4,6-tetraoxy- β -D-erythropranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,7,9,10,11,12,13,14,15,16a,16b-hexadecahydro-4,14-dimethyl-1H-as-indaceno[3,2-d]oxacyclododecine-7,15-dione

GROUP	5	INSECTICIDE
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TOXICATION SYMPTOMS:

Pacgrow is quiet safe, and has very low toxicity on the humans and animals.

FIRST AID PRECAUTIONS:

May be harmful through skin. In case of skin contact, take the patient away from the spraying area. Take off the dirtied clothes. Wash well the parts of skin that contacted the product with water and soap. If contacts eye, wash eyes with clean water form in. 15 minutes. Call the doctor or take the patient to the doctor, and take the product package or label with you. If swallowed, the doctor has to decide on the lavage.

ANTIDOTE AND VITAL FACTS:

No special antidote, treatment according to symptoms.

USING AND STORING FACTS

- Keep in its package, closed, in a cool and dry place, away from fire.
- Exterminate the emptied packs accordingly.
- Never use the emptied packages for any other purpose.
- Do not refill the food and beverage packages with the product.
- Toxic for the bees. Do not use at flowering.
- Toxic for the fish, avoid contaminating into surface or underground waters.
- Use the preparartion immediately. Do not prepare more than what can be used within the same day.
- The preparation has to be protected from direct sunlight.

STORING:

Keep the product in its package, tightly closed, out of the reach of children and away from food, in a cool and dry place and under lock.

If stored under cool and dry conditions in the original pack, closed after the production date, the product keeps its physical, and chemical properties of the product for min. 2 years.

COMPANY'S ANNOUNCEMENT:

The company guarantees quality provided that the product is sold in original package. The user takes the responsibility of the risks of harms that may occur of the factors out of the control of the manufacturer.

The company denies all the responsibility for the damages that may result of storing the product under inconvenient conditions and applying it at wrong doses and times.

MANUFACTURER:

ASTRANOVA Tarım Ticaret ve San. A.Ş.

Mersin-Tarsus Organize Sanayi Bölgesi

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