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

# HEROS

**Suspension concentrated**

**Active Ingredient and its rate:250 g Azoxystrobin/l  
methyl (E)-2-(2-(6-(2-cyanophenoxy)pyrimidin-4-yl)oxy)phenyl)-3-methoxyacrylate  
GROUP:11;C3, FUNGICIDE**

**READ THE LABEL FIRST.**

**DO NOT USE AT HOME.**

**KEEP AWAY FROM CHILDREN, FOOD AND ANIMAL FOOD.**

**DO NOT INHALE THE VAPOR AND DRIBBLETS.**

**WEAR MASK, PROTECTIVE GLOVES, AND GLASSES.**

**DO NOT EAT, DRINK DURING THE APPLICATION AND DO NOT SMOKE.**

**AREA APPLIED IS NON-ACCESSIBLE FOR HUMANS AND ANIMALS FOR 1 DAY.**

**FOLLOW THE USING INSTRUCTIONS IN ORDER TO AVOID RISKS ON HUMAN AND ENVIRONMENT HEALTH.**

**THE USE ON THE PRODUCTS OTHER THAN RECOMMENDED STRICTLY PROHIBITED.**

## **TOXICATION SYMPTOMS:**

Probability of nausea, vomiting, stomach ache, and diarrhea followed by taking a significant amount into the metabolism.

## **FIRST AID PRECAUTIONS:**

In case of toxication, call a doctor, or take the patient to the doctor, but take the product package and label as well with you. In case of contact with the product, wash face and hands before eating, drinking, and smoking. Stop the work immediately if any discomfort is felt. If contacted eye, open the eye lids, and wash eyes for 10-15 minutes. If swallowed, do not make the patient vomit, take the patient to the doctor, but take the product package and label as well with you.

**ANTIDOTE:** No special antidote. Symptomatic treatment is followed. Gastronomic lavage shall be done avoiding the gastronomic content to leak into the transpiration canals. Coal and a laxative shall be given, then follow with the symptomatic treatment.

NATIONAL TOXIC CONSULTANCY ASSOCIATION (NPCA) Tel:114

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Production date:

Expiry date:

Charge nr:

License date and nr:

**Form of Effect:** Heros is a systematic fungicide with a wide spectrum. It is the synthetic analogue of strobilurin and oudemansins that are natural fungal metabolites. It prevents spore germination and development of micelles.

### PLANTS and DISEASES TO APPLY ON

Plant	Disease	Dosage	Period between final spraying and harvest		
grape	Plasmopara viticola	75 ml/100 L water	21 days		
	Uncinula necator	75 ml/100 L water	21 days		
	Phomopsis viticola	75 ml/100 L water	21 days		
cucurbitacea	pseudoperonospora cubensis	60 ml/100 L water	3 days		
	erysiphe cichoracearum, sphaerotheca fuliginea	75 ml/100 L water	3 days		
tomato (field)	Phytophthora infestans	75 ml/100 L water	3 days		
	Alternaria solani	75 ml/100 L water	3 days		

watermelon	<i>Alternaria cucumerina</i>	75 ml/da	3 days		
pepper (greenhouse)	<i>Leveillula taurica</i>	75 ml/100 L water	3 days		

#### HOW TO USE:

**Calibration of the Spraying Tool:** Make sure that the tool has been well calibrated before the spraying is started. In order to determine the amount of water to be used per decar, the plants within a specific area are wetted only with water first. This tells about how much water to use per decar. Convenient to the phenology of the plant, the water amount to be used per decar is 40-100 liters.

**Preparing for applying:** First, fill the half of the tank in with water and turn the mixer on. Then, add the necessary amount of the product into the tank, and fill the rest of the tank with water while the mixer is on. The mixer has to be on also as well in case of the spraying.

#### Grapes:

**Plasmopara viticola:** Spraying is started by the time the buds are 25-30 cm tall, and must be repeated every 10-12 days until the temperature reaches 30°C.

**Uncinula necator:** 1. spraying when the buds are yet 25-30 cm tall, 2. spraying by the time the petals fall, 3. and the rest, according to the development of the disease. The sprayings must be ended by the time the grapes start sweetening.

**Phomopsis viticola:** 1. spraying, when the buds are 2-3 cm tall, 2. spraying, when the are 8-10 cm, 3. spraying, when the buds are 25-30 cm. For the grapes, the spraying number of Heros must not exceed 4 within a season, and back to back sprayings must not be done more than 3.

#### Cucurbitacea:

**Pseudoperonospora cubensis, alternaria cucumerina:** Sprayings must be started by the time the primal symptoms are seen on the plants, and must be repeated every 10-12 days.

#### Tomato (open field):

**Phytophthora infestans and Alternaria solani:** Sprayings must be started by the time the primal symptoms are seen on the plants, and must be repeated every 10-12 days.

#### Pepper (greenhouse):

**Leveillula taurica:** Sprayings must be started by the time the primal symptoms are seen on the plants, and must be repeated every 10-12 days. For the vegetables, the spraying number of Heros must not exceed 4 within a season, and back to back sprayings must not be done more than 2.

#### Rice:

**Alternaria alternata:** First spraying, by the time the primal symptoms are seen within the field, the second spraying 10 days after, and if needed, the third.

**Immunity:** If applied according to the instructions, Heros does not have any negative effects on crops.

## **INFORMATION ON IMMUNITY:**

Heros is a fungicide classified as ..... according to its effect mechanism. Repetitive applications of the plant protect products with the same effect mechanism encourages a development of immunity. In order to delay this development, do not exceed the total number of application amount advised for the season. In case a repeat is needed, use plant protect product with different effect mechanism (out of the Group .....).

**MISCIBILITY:**It is not recommended to mix Heros with spreaders or adjuvants for the use on tomato. Can be mixed with Pirimiphos methyl, Hexaconazole, Pirimicarb, Lambda cyhalothrin and Chlorothalonil.

T:TOXIC

N:DANGEROUS FOR THE ENVIRONMENT

CONTAINS AZOXYSTROBIN

## **RISK JARGON AND EXPLANATIONS**

R23:Toxic if inhaled

R50:Very toxic for aquatic organisms

R53:May result in long term negative effects in the aquatic environments.

## **SAFETY JARGON AND EXPLANATIONS**

S1/2:Keep under lock, out of the reach of children

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

S22:Do not inhale the powder

S45:In case of an accident or in case you don't feel good, see a doctor immediately (show the label if possible)

S51:For the use at well aerated places only

S63:If inhaled accidentally, take the patient out into fresh air and let him rest

S29:Do not empty into canalisation

S56:Have this product and its package exterminated at a waste treatment facility

S61:Avoid release into the nature.Follow the using instructions/Safety Information Form

## **USAGE and STORAGE FACTS:**

- Keep the product in its package, closed.
- Exterminate the emptied packages accordingly.
- Do not use the empty packages for any other purposes.
- Do not fill in the emptied food or beverage cans with the product.
- Toxic for fish.
- Avoid contaminating into underground and surface waters.

**STORING:**

Keep at a dry, cool place tightly closed, at a well aerated place, away from the animal food and food, out of reach of children, under lock. Do not store the product below -10°C, and above 35°C. If stored under normal conditions (cool and dry), in original package, and closed keeps its physical, and chemical properties of for min. 2 years.

**COMPANY'S ANNOUNCEMENT:**

The company guarantees quality provided that the product is sold in original package. All the factors that are out of the manufacturer's control are at user's risk.

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

**LICENSED COMPANY:**

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**MANUFACTURER COMPANY:**

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