

Specific pests controlled:

Apples: Reduction in population of Codling moth (*Cydia pomonella*). Apply at start of egg laying phase – when first eggs of the first generation of *Cydia pomonella* are laid (BBCH 71-74). Ensure thorough coverage. Apply by foliar spray with water volume 600 – 1000 L/ha. DO NOT apply more than two applications per season. The re-treatment interval between the first and second HARPUN spray is 7-10 days.

Pear: Reduction in population of Pear Psylla (*Cacopsylla pyricola*). Apply at period of early egg hatch to third instar nymphs in order to reduce egg production of adults (BBCH 51-75). Ensure thorough coverage. Apply by foliar spray with water volume 600 – 1000 L/ha. DO NOT apply more than once per season.

Tomato (protected) and Cucumber (protected): Control of greenhouse whitefly (*Trialeurodes vaporariorum*) Apply when whiteflies first appear. Ensure thorough coverage. Apply by foliar spray with water volume 1000 – 1500 L/ha. DO NOT apply more than two applications per crop per season. The re-treatment interval between the first and second HARPUN spray is 10-14 days. Follow resistance management recommendations.

Method of application: Orchard/blast sprayer, Gantry sprayer

MIXING WITH WATER: Measure the required amount of HARPUN, add to the half-filled spray tank and then add remain amount of water.

RE-ENTRY

DO NOT allow re-entry into treated areas until the spray has dried unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

FIRST AID MEASURES

For advice contact the National Poison Centre or doctor immediately. After inhalation: Supply fresh air; consult doctor in case of complaints. After skin contact: Rinse with water and soap. After eye contact: Rinse opened eyes for several minutes under running water. After swallowing: Do not induce vomiting. Call a doctor.

PROTECTION OF WILDLIFE AND ENVIRONMENT

DO NOT contaminate streams, rivers, waterways or dams with the chemical or used container. DO NOT apply under weather conditions, or from spraying equipment, that may cause off-target spray drift, particularly to wetlands, waterbodies or watercourses. DO NOT spray across open bodies of water. DO NOT apply by air to crops.

Standard phrases for safety precautions

Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and road. Safety precautions related to the environment

Pome fruit: To protect aquatic organisms respect an unsprayed buffer zone of 30 m to surface water bodies.

CLEANING SPRAY EQUIPMENT: After using HARPUN empty the tank and completely drain the system. Rinse the tank, pump, lines, hoses, filters and nozzles by circulating clean water through the system. Drain and repeat the rinsing procedure twice.

STORAGE: Store at room temperature in dry and cool place in original packaging tightly closed. Keep away from heat or spark. Store locked up. Keep in a separate room, away from food, drink and animal feeding stuffs and other products. Keep out of the reach of children, unqualified people and animals. Storage temperature should not be less than 5 °C or higher than 30 °C.

DISPOSAL: Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for triple rinsed empty containers which can be disposed of as non-hazardous waste.

ACCIDENTAL RELEASE MEASURES

Environmental precautions: Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/surface or ground water.

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material according to national regulations regarding waste.

Ensure adequate ventilation.

HARPUN®

Insecticide in form of an emulsifiable concentrate (EC)



INSECTICIDE

1L

Insecticide in form of an emulsifiable concentrate (EC) for the control of greenhouse whitefly (*Trialeurodes vaporariorum*) on greenhouse tomato and greenhouse cucumber, codling moth (*Cydia pomonella*) on apples and pear Psylla (*Cacopsylla pyricola*) on pears

GENERAL INSTRUCTIONS:

HARPUN acts by suppressing embryogenesis with the insect egg and by inhibiting metamorphosis and adult emergence of target insects. HARPUN acts on all stages of pests, either directly (ovicidal) or indirectly (transovarial and suppression of adult formation upon treatment of larvae). Applied in the pre- metamorphic instar, HARPUN disrupts metamorphosis and therefore prevents progression from the larval to the adult stage. HARPUN is intended to be used only as a horticultural insecticide.

Batch number and expiry date:

Printed on packaging

Shelf life: 2 years

Authorization and producer:

Galenika-Fitofarmacija a.d.
Batajnicketi drum bb
11000 Belgrade, Serbia



GALENIKA - FITOFARMACIJA

Safety information

PROFESSIONAL USE ONLY.

Contains 100 g/l (10.8% w/w) pyriproxyfen and solvent naphta (petroleum), light aromatic

**Danger**

May be fatal if swallowed and enters airways.

Causes serious eye damage.

May cause drowsiness or dizziness.

Very toxic to aquatic life with long lasting effects.

Repeated exposure may cause skin dryness or cracking.

Wear protective gloves/protective clothing/eye protection/face protection.

Use only outdoors or in a well-ventilated area.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Call a POISON CENTER/doctor if you feel unwell.

Do NOT induce vomiting.

Collect spillage

To avoid risks to human health and the environment, comply with the instruction for use.

PCS No. 05939

Crop	Max single dose	Max. No. Of applications	Max. total dose	Latest time of application
Apple	1 L/ha	2	2 L/ha	Fruit diameter up to 40 mm (GS74)
Pear	1 L/ha	1	1 L/ha	Fruit about half size (GS75)
Tomato (protected) Cucumber (protected)	1.125 L/ha	2	2.25 L/ha	3 days pre harvest

