



Tuta absoluta



Thrips



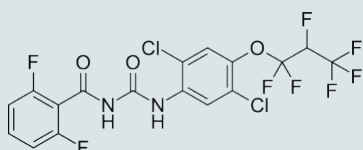
Hurricane™ 500 WDG

Active Ingredients:

Lufenuron 400 gr/kg + Emamectin-benzoate 100 gr/kg

Lufenuron:

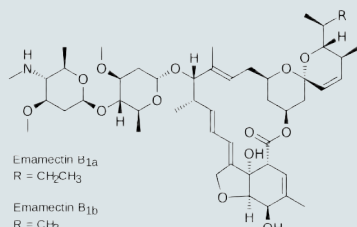
- ⇒ 1-[2,5-Dichloro-4-(1,1,2,3,3,3-hexafluoropropoxy)phenyl]-3-(2,6-difluorobenzoyl)urea



- ⇒ Chemical Formula: $C_{17}H_8Cl_2F_8N_2O_3$
- ⇒ Benzoylurea insecticide
- ⇒ IRAC Group: 15, Inhibitor of chitin biosynthesis, type 0. Growth regulation inhibitor.

Emamectin-benzoate:

- ⇒ 4"-Deoxy-4"-epi-methylaminoavermectin B1; Epimethylamino-4"-deoxyavermectin



- ⇒ Chemical Formula: $C_{49}H_{75}NO_{13}$
- ⇒ Avermectin insecticide
- ⇒ IRAC Group: 6, Chloride channel activator. Nerve and muscle action.

Contact and stomach insecticide for the control of Lepidoptera pests, Thrips and suppression of Spidermites on a wide range of crops.

- ✓ **Lufenuron** is an effective alternative insecticide for the control of Lepidoptera pests (larvae of moths and butterflies) resistant to insecticides from other mode of action groups (e.g. pyrethroids or organophosphates). Lufenuron inhibits the biosynthesis of chitin, causing interference with the development of the larva's cuticle. Lufenuron has strong stomach and medium contact activity, as well as good ovicidal activity.
- ✓ **Emamectin-benzoate** is a natural product obtained from soil microorganisms. Emamectin-benzoate is easily absorbed in plant tissues and ingested by larvae and sucking insects. Emamectin-benzoate has a unique mode of action which is different from any other insecticide. Acts by interfering with the pest's nervous system, causing them to lose cell function and stop feeding. The larvae die in 2-4 days. The active ingredient degrades in a few hours and does not bio-accumulate.
- ✓ Always alternate with insecticides with different mode of action through the season to prevent the development of resistant pests.

Hurricane 500 WDG™ Properties

- Highly effective against difficult to control pests (Thrips, Tuta, other Lepidoptera)
- Versatile mode of action: contact, stomach, ovicidal and IGR
- Unique chemistry; No cross resistance known to other types of insecticides
- Special WDG formulation for easy mix and water dispersal
- Low user rate formulation
- For use on a wide range of crops
- Not phytotoxic at the recommended rate
- Excellent residual control

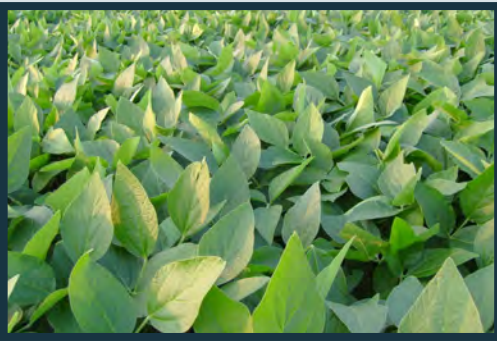
Supplier:



Sineria Holland BV
Randwycksingel 20 - A015
6229 EE Maastricht, The Netherlands
www.sineria.com

DIRECTIONS FOR USE:

Hurricane 500 WDG™ should be mixed with water to be ready for use. It may be applied with any type of spraying equipment.



Application timing

- **Hurricane 500 WDG™** is recommended to be applied upon the pest appearance.
- Always ensure thorough coverage of the canopy with the spraying mixture.
- **Hurricane 500 WDG™** should be mixed with water to be ready for use. It may be applied with any type of spraying equipment.

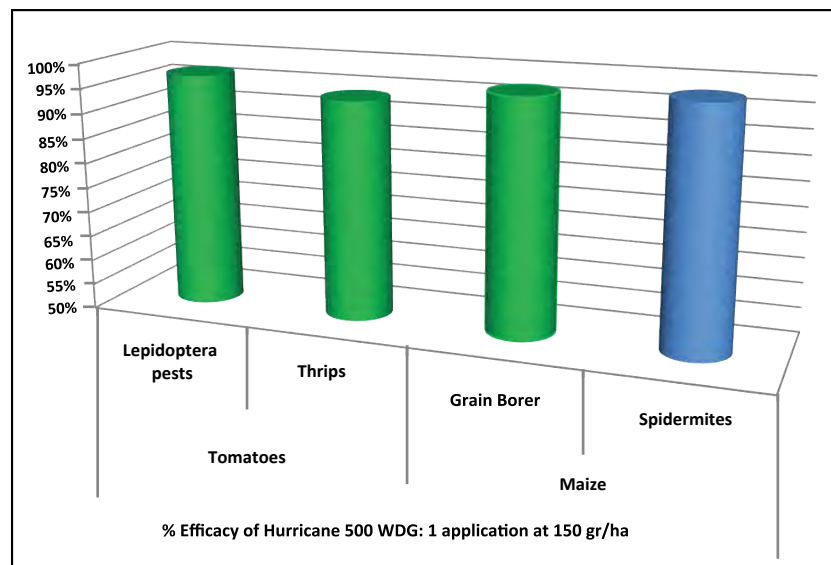
Rate of Application:

Crop	Pest	Application Rate
Ornamentals	Lepidoptera pests and Loopers, Leafminers, Thrips, Spidermites	100 gr/ha
Vegetables (Peppers, Tomato, Cruciferae, Carrots, Paprika, Peppers, Eggplant)	Tuta absoluta, Leafminers, Lepidoptera pests, Spidermites	100 gr/ha
	Thrips	200 gr/ha
Cotton	Lepidoptera pests including Pink and Red Bollworm, Helicoverpa armigera, Thrips, Spidermites	100 gr/ha
Potatoes, Beans	Colorado beetle, Potato tuber moth, Leafminers, Lepidoptera pests, Thrips, Spidermites	100 gr/ha
Maize	Maize stalk borer, Thrips, Leafminers, Spidermites	100 gr/ha
Strawberries	Lepidoptera pests and Loopers, Leafminers, Thrips, Spidermites	100 gr/ha

Field Trials

Extensive field research has proven the efficacy of **Hurricane 500 WDG™** against a wide range of pests.

Filed results are depicted in the following graph:



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