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Insect Netting and Greenhouse Benefits



WHY INVEST IN GREENHOUSES?

The world population is expected to reach 9.8 billion in 2050. Available land for horticulture will continue to decrease and therefore more expensive. And organic methods are of increasing interest to many growers. The solution is a durable high-tech greenhouse that gives more production per square meter.

WHY INSECT NETTING?

An insect netting system prevents insects from using the air vents. This way you can keep harmful insects outside, or keep useful insects inside the greenhouse in an environmental friendly way while having maximum ventilation and a minimum loss of light. Profit on crops without using pesticides.

WHAT ARE THE ADVANTAGES?

- Keep harmful insects outside
- Keep useful insects inside
- Cut pesticide use (food safety)
- Cost saving
- Diffuse light
- Better crop
- Less temperature drop
- Government rules (tuta absoluta, USA)

KEEP INSECTS OUTSIDE THE GREENHOUSE



Keep insects like pepper weevil, whitefly, aphid, leafminer and thrips outside the greenhouse without using pesticides. Once a weevil has laid eggs, it's too late. A recent research shows greenhouses can keep out the pepper weevil by using an insect netting system. Mesh sizes 0.8 x 0.8 mm, 1 x 1 mm, 1 x 1.5 mm and 1 x 2.5 mm will exclude 100% of adult pepper weevils. Depending on the region in the world and the specific insects a mesh opening can be selected.



DIFFERENT TYPES OF NETTING

There are different types of netting:

- The Integrated Accordion System
- The Cassette Accordion System
- The Unimesh (bag) system
- The Sidewall System
- Netting Cages

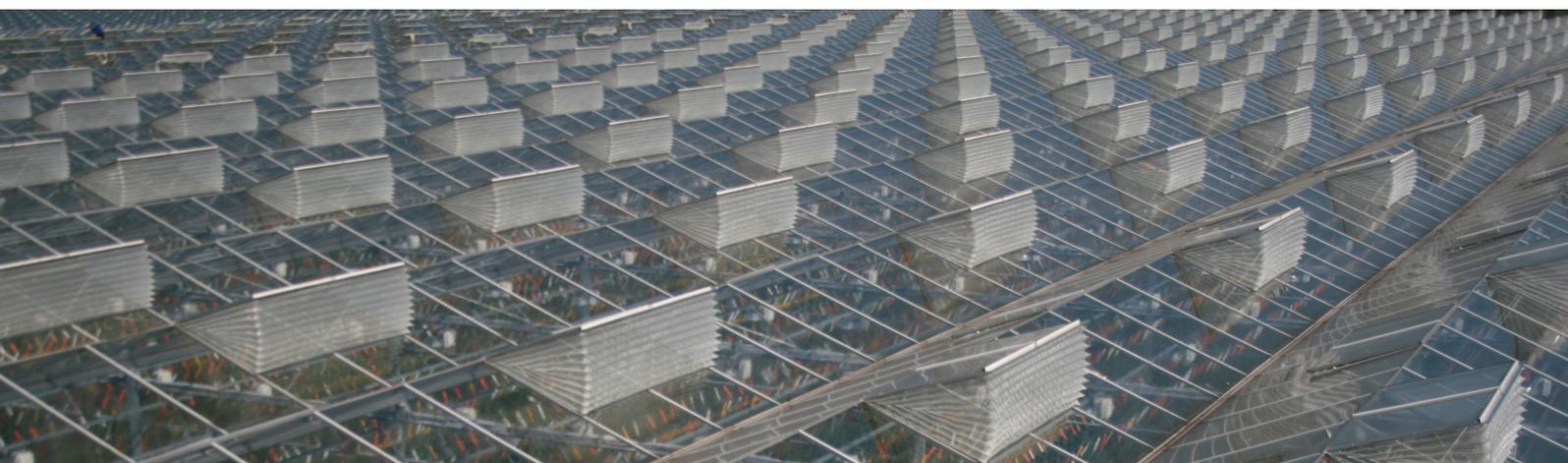
Whatever you choose, it's important to choose a high quality netting system that is strong enough to survive heavy climate conditions.

THE FOLDING ACCORDION SYSTEM

The compact folding accordion system is suitable for existing and new greenhouses. This system ensures maximum ventilation and a minimum loss of light. The optimum mesh size and air permeability can be stipulated. This carefully designed and durable system with its permanent folds ensures perfect folding and a tight closure of the greenhouse roof. It provides a constant air flow and protects the crop against rain.

ADVANTAGES FOLDING SYSTEM

- Perfectly foldable
- More light
- Long life span
- More ventilation than plain netting
- Constant and even air flow
- Perfectly integratable
- Protection against rain
- No conflicts with air mechanism



PROFIT ON CROPS WITHOUT USING PESTICIDES

The crop quality in greenhouses is affected by many external conditions. If insects get into the greenhouse, it is hard to control them afterwards. Spraying the crops is a way to fight insects, but an insect netting system goes a step further by preventing insects from coming in in the first place. As long as all entrances of the greenhouses are covered, the chances of an insect outbreak will be greatly reduced. With an insect netting system you can cut pesticide use while producing the maximum per square meter.



REDUCE COSTS

Insect netting is cost effective. The material of the netting construction is of high quality and very durable. The net is made of UV resistant (1150 kLangley) and water resistant material. Netting is able to transform the light entering the greenhouse into diffuse light. Crops can utilize diffuse light better than direct light. Good ventilation is critical in maintaining an optimal growing environment. With a netting system you can ventilate during most weather conditions, even rain. The netting material is easy to clean.



MARIJUANA AND NETTING TRENDS

Like any crop, cannabis plants are prone to pests. Although pesticides in use are strictly regulated, there remain concerns among consumers and others that exposure to pesticides could be linked to health issues. That's why especially by cultivation medicinal plants it's important to get a high-quality product without using pesticides. Insect Netting can considerably reduce the harmful pesticide use while preserving crop productivity. The netting can also reduce the smell of cannabis plants.