

Pireco®: the ecological answer to plant diseases and insect plagues.

Many chemical pesticides have been recalled because of their high toxicity and for their reduced effectiveness. We have neglected the natural way of reducing pests and pathogens. That is why we have reintroduced the ancient knowledge of our ancestors, leading to a product range each designed for the specific needs of a plant suffering from diseases or pests.

Pireco® is a 100% natural minimum risk plant protector effective for a broad range of pests and pathogens. Pireco® is a highly concentrated blend of herbal extracts on basis of water and soy oil. It is non-toxic and non-persistent. The product has a low risk profile and the effects of exposure to the product are negligible. It is environmental friendly, breaks down in the soil and leaves no residues in the environment behind.

The extracts in Pireco® strengthen and nourish the plant, and at the same time serve as a plant protector by repelling certain insects and pathogens. Pireco® has also beneficial effects to the soil. Due to the enrichment and improvement of the soil and soil bacteria, the availability of essential minerals in the soil will increase. The new innovative way of reducing damage caused by insects, pests and pathogens in an environmental friendly way.

Pireco® is efficiently absorbed by the roots and leaves of the plant. By absorption, the active elements in Pireco® will increase the plant resistance and will develop the defence system, which is a self-induced system, thus a natural weapon against attacks by aggressors, like fungal diseases and pests.

On top of that, due to the slight aroma change within the plant, insects are not attracted to the plant and will be repelled. Beetles, chafer grubs, leatherjackets and other harmful insects will no longer feed on the plant, which will reduce their population significantly. Due to the change in soil aroma, larvae will recede to greater depths and will die. The nuisance and damage will disappear. Pireco® has different products in different fields of expertise

We have a broad product range specialized for the horticulture, subdivided in products focused on timber like and herbaceous cultures, differentiated between a product range against an extensive range of harmful insects and harmful fungal diseases. The products are available in granules, capsules and liquid substances. These will offer the solution against various insect plagues in the soil and on the plant like plant louse, white fly and harmful soil insect, and against fungi like mildew, rust and leaf spots.

We also have a product especially designed for lawns, golf courses, sports fields, race tracks and other public green. Pireco® lawn vitality repels and reduces insects in your lawn, and gives a boost to your lawn so that future pests and diseases will not cause any harm. The different ways to apply Pireco®

Application on the surface:

When heavily diluted, the substance can be sprayed over the crops and plants, allowing it to be immediately absorbed via the leaves. This changes the aroma of the plant, which will cause harmful insects to starve. The population will drop below the damaging threshold level.

Pireco® also contains special fungicidal supplements. After spraying on crops or other greenery it forms a thin layer on the surface of the leaves which prevents spores from germinating.

Application in the soil:

Pireco® can be applied in the soil as well by means of injecting it, mixing it or diluting it in water.

This way the plant will absorb the substance and transport it to its trunk, branches and leaves, thereby changing the aroma as well. The substance will prevent damage from many surface insects, like sciara flies, eelworms and the vine weevil.

The special fungicidal supplements will decrease the growth of harmful fungi thereby allowing the soil to regain its natural balance. When applied in the soil, the substance needs to be mixed with a special thickening agent consisting of natural elements. This prevents quick rinsing away. Conclusion

Pireco® is a product optimized for a broad range of pests and pathogens. The ingredients have been picked carefully after experimenting for 15 years. By a unique production process the diverse ingredients in Pireco® are optimized for uptake by the plants.

The causes of diseases and plagues are related with a heavily reduced vitality caused by environmental problems like soil conditions, fertilisation, choice of species and introduction of for instance species in another climate. The essential

specific elements from the ingredients in Pireco® will increase the overall condition and defence to an optimal level. This will lead to a big reduction in damage causing pathogens below the threshold. Using Pireco® will eventually lead to a renewed natural balance, giving a plant the chance to maintain its own defence system.

Approvals of Pireco®:

Pireco® is approved in the Netherlands under the "Regulation exemptions Pesticide Act". This exemption regulation is part of the Pesticide Act 1962. Although there is a new pesticide act since October, 2007, these exemptions are still valid.

Pireco® will be certified for organic production by the Control Union in 2008.

This means that Pireco® can be used in organic farming, according to council directive 2092/91 on organic production of agricultural products.