



## FOR TOP QUALITY WATER AND THE PERMANENT MAINTENANCE OF YOUR WATER SYSTEMS.

LOXYDE is a powerful environmental cleaner that removes organic pollution while also purifying the water. Due to its versatility, Loxyde is very effective against micro-organisms and organic deposits such as biofilm in water systems because it pierces and annihilates them.

LOXYDE is composed of hydrogen peroxide of a high purity, re-enforced at the molecular level by natural stabilizers and activators. Loxyde possesses out of the ordinary efficiency, more than 120 hours against 30 minutes for a classic product. It helps ensure first quality water.

LOXYDE is 100% biodegradable, it fully decomposes into water and oxygen.

## BIOFILM POISONS IRRIGATION WATER

### LOXYDE SOLVES THE PROBLEM:

- It eliminates microorganisms (bacteria, spores, algae, fungi and mosses) and organic pollution (biofilm and the whole of its viscous layers). No possible resistance can build up because Loxyde 'burns' the wall and the DNA of pathogenic cells.
- It promotes water consumption in plants and animals (odour-free, colourless, and tasteless).
- Its physical and chemical action prevents re-contamination of biofilm. Irrigation networks stay clean and watering remain homogeneous.
- Irrigation water is better thanks to the action of the active oxygen. It promotes hyper-oxygenation of the root environment, it encourages healthy biological life and aerobic bacteria. The development of roots and the plant is optimized and cultures are stronger.
- Loxyde, by its oxygenation of the water, avoids ferric deposits in pipes.
- It favours the treatment of recycled contaminated wastewater by preventing eutrophication and enhancing their clarity.
- Loxyde is extremely stable, which makes it even more efficient since it can be active for more than 120 hours. It helps ensure first quality water because it is always active and allows for continual use.
- It leaves no residue ( $H_2O_2 = H_2O + O_2$ ). It allows to bring water to its natural balance.
- Its formula precludes all risk of phytotoxicity.
- It is effective from 0 to 95 ° C and at pH 3 to pH 9
- It does not affect steels or plastics. It allows to maintain irrigation systems and equipment.
- It contains no traces of heavy metals, nitrate, chlorine or sodium.



### Applications of LOXYDE®

LOXYDE can be applied in different ways:

- Irrigation (drip and spray)
- High pressure
- Soaking
- Spray

Inspection of drippers after  
treatment with Loxyde



On the soil you can clearly see that the distance between all water puddles is equal and that therefore everything is working properly.

Without Loxyde



Evolution of the root system after  
3 weeks of using Loxyde



With Loxyde





# Dosage and use of LOXYDE

## 1. Continual treatment (improving the quality of water and maintenance of the network)

Water pipes and drippers: 20 to 50 ml of Loxyde per m<sup>3</sup> of water. This dosage is made by using a degasing injection pump (in case of severe contamination, do not overdose, it is preferable that the action of the product is progressive, do not hesitate to purge the lines from time to time.

Fertilizer tanks, acid tanks: for 1000 litres of solution, add 3 to 5 litres of Loxyde (do not associate with the chelate micro-elements and organic fertilizer solutions).

## 2. Shock Treatment (deep cleaning and elimination of organic deposits)

Water pipes and drippers: between two rotations, dose 1 to 2% of Loxyde into the water network. Leave in the network for at least 5 hours (ideally, one night). Drain and rinse with water.

Depending on the size of the organic deposits, it may be necessary to repeat this procedure. It is interesting to alternate with acid to remove any mineral deposits. Do not forget that the water network must be purged if you want to eliminate residues.

Basins and water tanks: dose at 0.5 to 1% of Loxyde per m<sup>3</sup> of water. Drain and clean.

Cleaning of water tanks before filling: after cleaning or high pressure cleaning (or other) apply Loxyde 2% on the walls before filling with water.

## 3. Treatment of empty greenhouses and buildings

Spray 30 litres of Loxyde per ha in 300 litres of water. Do not rinse.

## 4. Treatment of storage water

Add 10 to 50 ml of Loxyde per m<sup>3</sup> of water.

## 5. Cleaning of equipment and surfaces

Treat with a 0.5-2% solution of Loxyde. Do not rinse.



Injection pump



Loxyde fogged over rose cuts ensures 100% yield and no fungus growth

### PEROXIDE TEST STRIPS

Regularly measure the level of peroxide using peroxide test strips. MEASURING PERMITS ADJUSTMENT.

The setting of the dosage is done through our test strips. For a good efficiency of **LOXYDE**, you need to measure between 3 and 10 ppm at the end of the network.

### PACKAGING:

25 kg, 240 kg drum and tank of 1100 kg

Store sheltered and in the shade, somewhere cool and dry. Respect the prescribed doses. If in doubt, call a technician.



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