



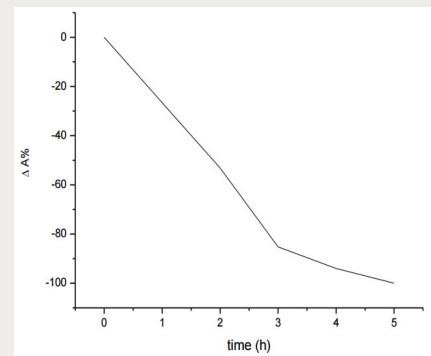
System for the degradation of pesticide residues used in agricultural crops

The residues of pesticides used in agriculture remain in the bottom of the spray tank at the end of the periodic agricultural lands treatments.

Moreover, these residues are often spilled directly on the ground by means of an **ILLEGAL** and **DANGEROUS** (since it creates puntiform pollution) practice, unfortunately widespread.

IRRAOP uses Advanced Oxidation Processes (AOP) induced by the UV lamp irradiation to reduce the organic content of the most commonly used agricultural pesticides: herbicides, insecticides and fungicides (see the graph beside) .

The system is equipped with 4 20Watt UV lamps and processes volumes up to 70 liters for a complete treatment of 1-4 hours, depending on the pesticide chemical compounds bioresistance.



degradation of the insecticide Confidor®

Advantages

reduction of degradation time

reduction in disposal cost

abatement of puntiform pollution



PROAMBIENTE

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