

Une nouvelle étude confirme l'efficacité du codicobre (correcteur de cuivre) appliqué aux plants de tomates

The Jaime I de Castellon University in Spain, made a new test that confirms the good root systemics of CODICOBRE when compared with copper oxychloride, another cupric compound widely used. This results in a good control of fungal or bacterial diseases in vegetables, even when used by root.

Natural Copper complex

Codicobre is a copper complexed corrector with gluconic acid. Gluconic acid is a natural, biodegradable molecule usually found in the metabolism of plants and animals as it comes from the oxidation of glucose. Codicobre is manufactured by Codiagro from a new formula that gives it systemic properties, so it is suitable for sustainable agriculture or agriculture without waste.

Formulation and effectiveness

An important conclusion of the test is that the effectiveness of a cupric product is not directly related to the copper metal's wealth, but with the chemical form in which the element is present and its synergistic interactions with other components of the formula.

Improved redox state of the plant

The test also measured the plants' vegetative growth, water and osmotic potential, gas exchange measurements, photosynthetic rate, transpiration rate, stomatal conductance and stress markers, and had very favourable results because the Codicobre treatment improves the plants' efficient use of water and helps them reach the same photosynthetic rates with lower stomatal openings.

The Codicobre foliar treatment isn't toxic to the plants and improves their redox state, while copper oxychloride has a slight toxic effect on plants.

Source : <http://www.hortidaily.com/article/7432/New-study-confirms-the-effectiveness-of-Codicobre-applied-via-the-root-of-tomatoes> (31/03/2014)