

## USE OF BISMUTH SUBNITRATE IN ORGANIC FARMING SYSTEMS

Bismuth subnitrate is a synthetic pharmacological active ingredient contained in certain veterinary medicinal products that are commonly prescribed for dry cow mastitis prevention, used as teat canal sealants. These commercial products, being allopathic synthetic drugs, fall under the standard prescription cycle for food-producing animals (electronic prescription – inclusion in the treatment register – withdrawal procedures on treated animals).

**In organic farming systems, prophylactic use of synthetic (allopathic) medicinal products—excluding immunological products—is prohibited, as established by EC Regulation 889/2008**, which outlines the application of EC Regulation 834/2007 (Article 14), and by the new EC Regulation 848/2018 (Annex II), which partially replaces Regulation 834.

**Therefore, prophylactic treatment of dry cow mastitis using bismuth subnitrate remains prohibited under organic regulations.**

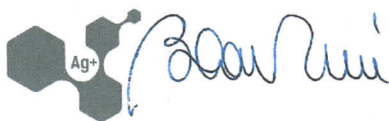
This position is confirmed by several **organic certification** bodies, and non-compliance may lead to regulatory consequences.

**Consumer associations** also share this view, as such use is seen as circumventing the basic principles and spirit of organic production.

**PAPILLA Seal**, an innovative sealant developed and manufactured by our laboratory in Italy, based on beeswax and endowed with bacteriostatic properties, represents the only valid alternative for applications in organic farming systems, combining natural effectiveness and compliance with organic standards.

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