

Biodiversity and Varieties of Organic Tomato

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Abstract

While working on the development of organic tomato, the following aspects are to be considered: biodiversity and local varieties, disease resistance, yield, and taste.

I am going to present the results of three studies on organic tomatoes that have been carried out in collaboration of Brio S.p.A. from Verona, Italy.

The first one was focused on the local variety called "Cuor di bue," and I will briefly present the activities of selection, trial field, cultivation, and marketing. Moreover, I am going to also explain the experimental proof about new tomato varieties and the methods of their organic production.

The second study was carried out within the project of MiUR-MiPAF called "Germoplasma." During this project, we carried out a trial to produce ten varieties of "cuor di bue," several commercial varieties, and other selections made by ISO di Monsampolo (AP). I will present trial results and panel tests. The variety 306A has been cultivated since 2004, and I now can share the marketing results.

The third project in which Brio has been involved is the MiUR's project called "Ortofrubio." It focuses on best practices in organic. I am going to present an experimental trial made in 2007. The trial focused on new hybrids and different types of tomato, including: salad, beef, cherry, and wine tomato. I will present yield and taste results, as well as production information.

¹ Brio Spa.