

## Experimental Apple Tree Treatments

Basak, Bielicki, Pawel

### Abstract

*The results of a few experiments conducted with the apple tree varieties Jonagold Decosta, Golden Delicious, and Gala Must with use of novel organic/mineral preparations, including Bioczoz (garlic extract) in a mixture with garlic soap, Illolupki (mineral product - diatomite powder), Grevit 200 SL (extract of grapefruit), and Lithovit® (natural CO<sup>2</sup> foliar fertilizer) will be presented.*

*It was found that a reduction of rusting in apples is the effect of multiple spraying the trees with Bioczoz in a mixture with garlic soap or with diatomite powder. The effect depended on the dose of preparations and the apple cultivar. However, Grevit 200 SL, actually recommended for ecological plant protection against some diseases in orchards, acted as bio-stimulator. It caused fruit size to increase and improved internal quality (firmness, refraction). Moreover, Lithovit® caused, above all, significant improvement in the red coloration of apples.*