

SYMBIVIT[®]

REFERENCE

More information you will find: www.symbiom.com



Comparison of the effect after usage of the mycorrhizal product Symbivit[®]
left: treated ; right: non-treated



☞ efficacy of mycorrhizal product Symbivit® on Petunia plants

Effect of the inoculation of growing substrate with mycorrhizal product Symbivit® was tested in an experiment with Petunia plants. Mycorrhizal inoculation positively affected the number of flowers and flower-buds (4x higher), shoot weight (40% higher) and mycorrhizal colonization (50% higher than control, uninoculated plants).

☞ efficacy on Pelargonium peltatum plants

Effect of the inoculation of growing substrate with mycorrhizal product Symbivit® was tested in an experiment with Pelargonium peltatum plants. Mycorrhizal inoculation positively affected fresh and dry shoot weight, number of inflorescences of P. peltatum plants and mycorrhizal colonization of plants roots.



☞ efficacy on three species of balcony plants

Effects of the inoculation of rooting substrate with arbuscular mycorrhizal fungi, with Trichoderma harzianum, and with both microorganisms and the effect of application of fungicide Previcur were tested in an experiment with three species of balcony plants (Verbena, Torenia, Diascia) propagated from cuttings. Mycorrhizal inoculation positively affected fresh weight, dry weight and total shoot length of Verbena plants and dry weight and total shoot length of Torenia plants. Mycorrhiza improved leaf colour of all three species, the greatest differences of this parameter between inoculated and uninoculated plants were found particularly before transplantation, whereas they almost diminished at the end of the experiment. Plants in the treatments inoculated with both microorganisms showed similar positive growth response as in the treatments inoculated with mycorrhizal fungi.

☞ cultivation of strawberries planting stock

Strawberry plantlets of 'Senga Sengana' cultivar were treated with mycorrhizal product Symbivit® during planting into the rhizoboxes. It was proved that Symbivit® application improved the vegetative growth of roots and shoots of the treated plants and increased the P and K content in the rhizosphere soil.



☞ Growth response of cucumber

The seedlings of cucumber were treated with arbuscular mycorrhizal product Symbivit® when planted in the field. Since week 5 the growth parameters were evaluated. The treated plants had significantly greater fresh root weight and the crop production was increased by 10% compared to control treatment.

☞ application of Symbivit® in cultivation of fruit tree: peach, plum/apricot and cherry plum
Micropropagated peach and plum/apricot rootstocks and cherry plum seedlings were treated with mycorrhizal product Symbivit® at the beginning and after acclimatization and during seedlings planting. Independently on cultivar and mode of application it was proved that Symbivit® - treated plants exhibited positive effects on vegetative growth of micropropagated rootstocks during and after acclimatization, and on total shoot weight of containerized seedlings as well.

☞ trials on application of Symbivit® in cultivation system of grapevine cultivars

Grapevine plantlets of two cultivars Rulandske and Dornfelder were treated with mycorrhizal product Symbivit® during cutting stratification and during field planting. Independently on cultivar and mode of application it was proved that Symbivit® - treated cuttings exhibited better survival rate after transplanting to the field and manifold higher mycorrhizal colonization.

