



## Effects of mycorrhizal inocula prepared by MYKOFLOR® company on grapes quality

Mycorrhizas can be treated as one of the best ideas of Mother Nature because it is the best known method of improving plant growth and health status. Majority of higher plants live in symbiosis with mycorrhizal fungi and this mechanism has been developing for millions of years. Mycorrhizas are first of all symbiosis where nutrients and water are exchanged between partners but the most important role of this type of symbiosis seems to be creating the “bridge” between soil and plants and also among plants themselves because mycelia of mycorrhizal fungi are able to penetrate and colonise roots and to establish direct contact with soil.

Thanks to increase of absorption area of root systems (sometimes by the factor of thousands) flow of water and mineral nutrients incredibly enhances what directly affect growth rate of above-ground organs. In the full balance of mutual interests between plant and fungi plants with mycorrhizas show better vitality and competitiveness in the environment comparing to plants growing without mycorrhizas.

Mycorrhiza is a natural phenomenon but under conditions of intensive production in nurseries and gardens mycorrhizas are not

