



**PRODUCT INFO  
& DATASHEET**

**- SICO goes BIO ! -**

# *SICOCORR Mycorrhizal Fungi*

*Use beneficial Micro-organisms for plants in an innovative way  
to enable sustainable life on earth.*

- Made in E.U. -

04/2021

## **1/ INTRODUCTION**

SICO goes BIO, having entered a new partnership, we are glad to introduce our SICOCORR range.

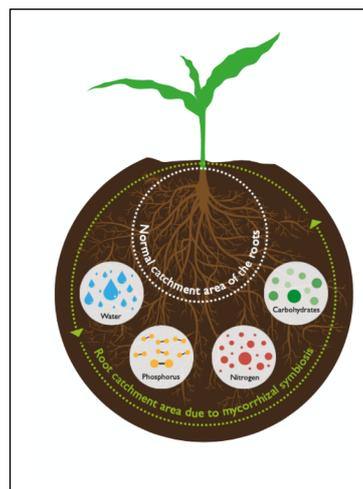
SICOCORR Mycorrhizal Fungi is a symbiotic association of plants and fungi in the soil.

**Their benefits are becoming increasingly important because conventional plant substrates do not contain mycorrhiza and many areas have an impoverished soil life that cannot provide plants with sustainable vitality.**

Fungi supply the plant with nutrients (phosphorus, nitrogen) and make water more readily available. In return, the fungi receive vital carbohydrates from the plant.

This symbiosis strongly stimulates root growth, the plant flowers abundantly and becomes more tolerant to diseases and pests, and more resilient to bad weather and soil conditions.

SICOCORR Mycorrhizal Fungi also improve the soil structure. Their hyphal networks increase the aggregation of the soil. This is particularly important for green areas with slope inclination (elevated sites, dykes, roofs) and for erosion control.



## **2/ RESEARCH AND QUALITY**

Bridging the gap between research and application in horticulture, agriculture and forestry.

Produced with extensive quality control, which guarantees a high-quality product for your special field of application.

In our micro and molecular biology laboratory, we can carry out root and soil analyses for you. Our scientific and technical staff will be happy to consider your specific requirements and advise you on product selection and application.

### PROMOTING:

- Root penetration.
- Improved drought stress tolerance.
- Reduction of fertiliser added.

*Suitable for :*

- farmers
- fertiliser and substrate manufactures
- seed coaters
- research
- biostimulant formulators

### **• SICOCORR BENEFIT**

By the year 2030 we are projected to be 9 billion people in the world. There is a considerable increase in society's demands for healthy nutrition (quantity, free of pollutants, varied, affordable). With the intensification of agriculture, a soil management adapted to the respective location and soil conditions is increasingly gaining in importance. This primarily refers to the maintenance and strengthening of soil fertility as the basis for sustainable agriculture.

SICOCORR BENEFIT with mycorrhizal fungi is a highly concentrated inoculum in a new formulation (concentrate, pellets, powder). It can be mixed individually with different carrier substances and, when applied, improves the air, water and nutrient balance in the soil.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy itself of the suitability for its own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.



• **SICOCORR FERT AGRI**

We are constantly working on innovative, high quality products for ecologically sensible plant cultivation systems. With our research cooperations, we are involved in international projects for the restoration of heavy metal and salt-loaded areas. Please also get in touch with us for special applications such as tree restoration, landfill greening, industrial wasteland, roadside greenery. If you decide on a different substrate for your specific application, we will be happy to advise you. SICOCORR FERT AGRI is characterised by good flowability. This mycorrhizal product is preferred especially on slopes because it provides good adhesion and allows soil particles to aggregate through fungal adhesive.

PROMOTING:

- Better coverage.
- Increase in growth and survival rates.
- Increased tolerance to pollutants.

*Suitable for :*

- *recultivation*
- *erosion control*
- *hydroseeding*
- *embankment protection*
- *soil aggregation*

• **SICOCORR PARK & FOREST: TREE PLANTING / RESTORATION**

Especially under unfavourable soil conditions, living microorganisms can promote root development and plant growth. This type of soil improvement is being increasingly used and can promote the vitality of the plant. In this manner, it can also better cope with critical situations – such as drought stress or transplant shock. Woody plants should be mycorrhized at an early stage during the cultivation phase and thus become strengthened. According to FLL guidelines (Landscape Research, Development and Construction Society), the use of mycorrhizal fungi is recommended for tree planting. The soil structure is improved by SICOCORR PARK & FOREST and their helper bacteria.

PROMOTING:

- Improved soil life.
- Vitalization

*Suitable for :*

- *tree nurseries*
- *forest tree nurseries*
- *container nurseries*
- *afforestation*
- *tree maintenance*

**3/ INCREASING THE HUMUS CONTENTS**

PROMOTING:

- Improved rooting of cutting.
- Increase in abundant flowering.
- Improved drought stress tolerance.

*Suitable for :*

- *Rhododendron producers*
- *Azaleas*
- *Blueberries*
- *Calluna*
- *Container plants*

• **SICOCORR GARDEN ERICOID**

We have developed SICOCORR GARDEN ERICOID for the cultivation and vitalization of ericaceous plants. It can be mixed well with all soils and thus the benefits are many and varied. This product ensures improved water retention, better soil structure and increases the humus content.

„The use of ericoid mycorrhizal preparations is very promising due to the significant differences compared to untreated plants. Their application appears meaningful particularly for a faster and more uniform growth of young plants in the nursery.“

PROMOTING:

- Increase in vitality.
- High water retention capacity.
- Improvement of the soil structure.

*Suitable for :*

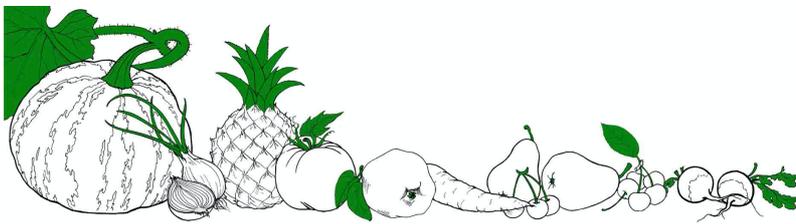
- *landscape gardeners*
- *plant producers*
- *nurseries*
- *city greeners*
- *private gardens*

• **SICOCORR GARDEN SPECIAL**

Horticulture and landscaping are becoming more and more important, but they are often caught between the conflicting priorities of customer requirements and feasibility.

The customer wants his plans and ideas to be implemented professionally, the horticulturalist/landscaper has the claim to design vital gardens, parks or green spaces in a sustainable manner. In any case, it is important to create the best conditions for the plants – with SICOCORR.

SICOCORR GARDEN SPECIAL increases the flowering abundance and growth of plants. It increases resistance to pests and diseases. This substrate can be mixed well with all soils and increases the humus content during application.



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**PROMOTING:**

- Suppression of unwanted grass species.
- Support for better coverage.
- Reduction of fertiliser application.

• **SICOCORR GARDEN GREENS**

The manufacturers of turf rolls and the operators of sports facilities are faced with special challenges because the user makes high demands on this turf. It should be sturdy and resilient, growing slowly and densely so that weeds are prevented from spreading. It must be able to withstand longer periods of drought and still look green and vital even with low fertilization.

Our SICOCORR GARDEN GREENS mixture improves the tolerance of the lawn to drought stress, promotes root formation and improves the air balance in the soil. The mixture has good flowability and can be applied by machine.

*Suitable for :*

- turf-roll manufacturers
- turf-roll processors
- lawn schools
- new seeding/care

• **SICOCORR GREEN TOP**

Everyone who has to do with roof greening knows that special importance must be placed on the choice of suitable plants and substrates, due to the difficult accessibility in later maintenance processes.

By using our SICOCORR GREEN TOP, adverse weather conditions are better tolerated and resistance to pests and diseases is increased. The carrier material is peat-free and coarse-grained with a high water retention capacity and therefore sustainably improves the air balance in the soil or substrate.

*Suitable for :*

- producers of roof greening plants
- roof greening companies
- substrate manufacturers
- horticulture and landscaping

**PROMOTING:**

- Reduction of drought stress.
- Particularly light substrate.
- Increase in the growth rate.

This product range is very complimentary to the marketing of our SICOFLOR range of peat substrates, potting soils and other SICO organic fertilisers - **SICO goes BIO !!**