



NEW TC SUBSTRATE: IMPROVED FORMULA

The large experience of **BURÉS PROFESIONAL, S.A.**, on farming substrate production, and the continuous contact with the professionals of the sector has given us a good inside view of the difficulty and importance of choosing the right substrate for each species, situation, microclimate, watering method and fertilization technique.

Out of the hard work and innovation ability of **BURÉS PROFESIONAL, S.A.**, we are now proud to present the new **TC Improved Formula substrate**, which covers the needs of its aim cultivations, plants growing strong and resistant, with the best growth guarantees.



The **TC Improved Formula substrate** is made from high quality materials: peat, coconut fibre and ultra-fine coconut, specially treated by **BURÉS PROFESIONAL, S.A.**

The result of this combination is a high efficiency growing media, balanced both physically and chemically, able to insure the right plant growth and maintain the substrate's stability over the cultivation period.

improvements

The evolution of the TC substrate has been aimed to the substitution of the black peat for the extra-fine coconut, an exclusive material selected and treated in our facilities, and to the variation of the different ingredients proportions to obtain a final product with the highest water retention capacity while maintaining a good water drainage and the right density and aeration.

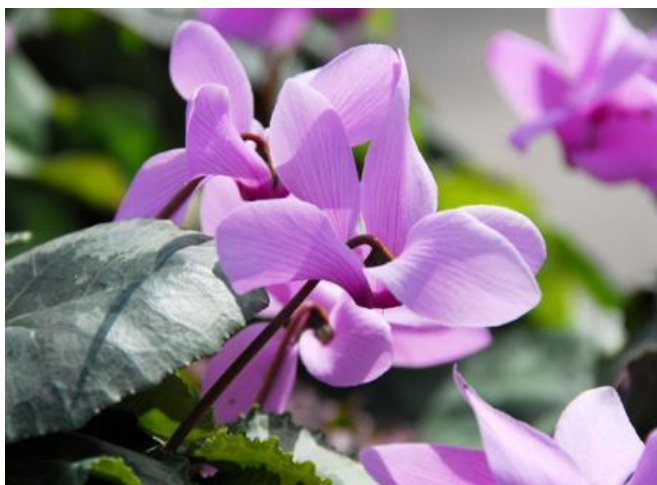
Amongst the achieved improvements stand out the following:

- Earlier germination and larger and more homogenous growth of the plants.
- Development of larger root systems.
- High water retention capacity and excellent drainage.
- The new formula brings a reduction of the lumpiness and compacting and an increase of the capacity of hydro retention recovering.
- The product has higher pH values, which are more suitable for agronomy as they reduce or even eliminate the need of liming.
- High CE, which allows a non-continuous fertilization watering, alternating fertilization watering with only-water ones.
- The careful selection of the materials, as well as their transport, homogenization and hydration guarantee a product with low EC.
- The high lignine and cellulose proportion is noteworthy, as it gives the substrate a high microbiotic degradation resistance. This brings a high durability and aeration

and water retention capacity stability, as long as the substrate is treated correctly.

- Reduced root illnesses.
- The extra fine coconut is very similar to the peat. Its colour is brown, and it mostly consists of particles sized 0.2-2.0 mm (75-90% of the particles). In opposition to the peat, it contains no sticks or other strange particles.
- *Sphagnum* peat has shown strong oscillations in both availability and price, and it can not be considered a renewable material. The environmental philosophy of **BURÉS PROFESIONAL, S.A.** makes us aware of the problems the use of *Sphagnum* peat can cause, and therefore we vouch for the use of high quality alternatives, such as the extra fine coconut that we treat in our installations.

The whole production process, as well as the final product, undergo a strict quality control, certified by the Rules ISO-9001 and 14001, with the aim of guaranteeing both the satisfaction of our clients and the respect of the environment in all our activities.



base fertilizer

One of the properties that have been maintained in the **TC Improved Formula** is the possibility of adapting its fertilization level according to the needs of the client. The TC-1, TC-2 y TC-3 are produced, which include (from lower to higher) different fertilization levels. This makes the substrate more polyvalent and increases its adaptability.

STI SUBSTRATE	FERTILIZATION (mg/L N-P ₂ O ₅ -K ₂ O)
TC-1	100-110-130
TC-2	180-200-230
TC-3	300-340-385

It must be taken into account that this fertilization is intended only for the first weeks of farming, and further fertilization is recommended. Further fertilization can be achieved both by slow-release fertilizers and fertilization watering, and thus achieving the substrate's highest efficiency.

format and applications

The new **TC Improved Formula** has an efficient farming substrate for a large number of species, amongst which stand out the following:

- *Poinsettia*
- *Cyclamen*
- Indoor plants
- Tropical plants

TC Improved Formula is served hydrated, corrected and Reddy for its use, in 70L sacks and palletized or in bulk. Once the substrate is used past its life time, it can be used as organic matter for the soil.