



Organic soil **light-mix** with perlite

User guide



T.A. light-mix

Organic soil with no added peat or animal matter
Professional quality, certified for organic farming

T.A. light-mix is a soil for professional use composed of a mixture of recycled wood fibre compost, coconut fibre and perlite, enriched with nutrients of plant origin but without any animal by-products.

Thanks to its wood fibre compost, T.A. light mix reproduces the ideal conditions of humus-bearing forest soils.

The composted wood fibre in the T.A. light mix provides the beneficial micro-organisms necessary for proper crop development. This forms an organic portion with a high humic acid content which is ideal for retaining and exchanging water and nutrients.

T.A. light mix growing soil contains coconut fibre to ensure a long-lasting stable structure.

This natural fibre has a high water retention capacity, as well as a slow degradation rate. Thus, T.A. light mix does not compact over time, nor does it shrink as it dries out. Re-humidification after drying is instantaneous, leaving roots undamaged by structural variations, and ensuring optimal aeration at all times. This makes T.A. light mix the ideal partner for both intensive and long-term cultivation methods.

Aeration and drainage capacity are optimised thanks to the expanded silica.

T.A. light mix contains an optimal proportion of perlite in order to guarantee good air and water circulation, which promotes root development and the metabolism of aerobic micro-organisms. Irrigation with strong drainage is possible, enabling nutrient balance when using fertiliser, and avoiding the risk of accumulation.



T.A. light mix can be used for propagation, as well as for growth and blooming phases.

As its name suggests, this soil is a "light mix": it has a light structure in order to facilitate root growth and oxygenation. The nutrient base that it contains is optimised for the first week of a seedling, or for root recovery after repotting. Our application tables contain all of the dosages for our fertilisers and supplements to support them throughout their development.

T.A. light-mix can be used directly in pots or as a supplement to prepare soil for field crops.

T.A. light-mix can be used in organic farming.

Its composition is compatible with European organic farming regulations, and the fertiliser it contains is 100% plant-based. In addition, it does not contain peat, with a view to preserving fragile and overexploited peatland eco-systems. The wood and coconut fibres used are sourced from recycling in existing industries and are carefully selected.



To ensure successful soil crops:

- **Use a fertilising solution which is suitable for the development phase of your plants:** you will find the corresponding doses for your soil crop in our application tables. T.A. light mix is compatible with all kinds of fertiliser, mineral or organic.
- **The optimum temperature for the root environment is approximately 20°C.** The metabolism of the roots and micro-organisms slows down at temperatures below 15°C. Watering with solutions at a temperature of approximately 20°C and keeping the soil constantly at this temperature will optimise crop growth.
- **Regular drainage watering** will optimise the nutrient balance in the root environment, while avoiding any organic or mineral accumulation.



- **During the first root phase:**

Keep the T.A. light mix moist and warm. Water daily until saturated (start of drainage) with a very light nutrient solution, EC 0.4 to 0.6, preferably by fine surface sprinkling or soaking up to mid-height in the container, in order to prevent the seeds or cuttings from moving during root settling.

- **For rooted plants:**

The structural stability of T.A. light mix allows you to wait for the pots to lighten without any risk before watering again. This method allows for deep root settling in the pots and better fertiliser and oxygen distribution.

It is also possible to work using automatic irrigation (drip) by keeping T.A. light mix at saturation level. In this case, a 30% drainage after each watering or complete rinsing (100% drainage) twice a week is recommended. In order for it to work properly, choosing an irrigation method with constant wet saturation of the substrate requires optimal root temperature control.

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