



# RT30

## Professional Substrate

The new RT30 is a very polyvalente substrate, even though it is recommended for short-cicle plant farming.



### Composition

RT30 is made from two key ingredients: selected and composted pine bark, and Sphagnum blond peat.

Thanks to a rigorous composting process, the pine bark becomes a stable material, free of weed seeds and safe to use in the garden. It won't cause issues like nitrogen immobilization or unwanted fermentation that could harm your plants.

Both the manufacturing process and the final product are subject to strict quality controls. Our goal is to ensure customer satisfaction and maintain our commitment to protecting the environment in everything we do.

Thanks to the careful composting of the pine bark, a stable and perfectly adventitious seeds free, which allows for farming without risk of fermentation

or other phenomena due to "nitrogen immobilization".

The whole producing processes, as well as the final product, is under our accurate quality controls certified by "Normas" ISO-9001 and 14001, with the aim of guaranteeing the satisfaction of our clients as well as a deep respect towards the environment as in all our activities.

The final touch of the substrate consists on the addition of a fertilizer and the sieving that gives it both homogeneity and the right granulometry to improve its draining properties.

### Properties

The two components of the RT30 substrate complement each other in a well-balanced way, both in terms of physical behaviour and chemical properties.

RT30 is a professional-grade substrate ideal for root development and particularly suitable for planting and transplanting large specimen trees, thanks to its physical characteristics.

The particle size of the peat, combined with the properties of the pine bark, creates a well-structured mix that prevents compaction in lower layers and avoids clogging caused by fine particles being washed down.

The pine bark stands out for its low content of fine particles, which enhances drainage capacity. Meanwhile, the presence of blond peat helps the substrate retain moisture effectively.



PARAMETER	UNIT	VALUE
Humidity	% m/m	40-50
Organic Matter	% s.m.s.	85-90
C/N Relation	-	35-40
pH	-	5,5 - 6,5
Conductivity	dS/cm	0,78
Aparent Density	g/l	240-400
Total Porous Space	%	88
Air	%	41
Easy Assimilable Water	%	15
Reserve Water	%	3
Difficulto to assimilate water	%	29

Another important feature is the slightly acidic pH of the mix, which improves the availability of essential micronutrients for plants.

Concerning its fertilization level, the RT30 contains a base fertilizar for the first days of the cultivation. Further fertilization will be needed, and can be added both with the watering or through controlled-freeing fertilizers, which can be introduced during the fabrication process according to the needs of the client.

This feature is especially important in areas where irrigation water contains high levels of bicarbonates, which can gradually raise the pH of the substrate.

In addition, the substrate has a natural suppressive effect against plant diseases caused by pathogenic bacteria and fungi.

As for its nutrient content, RT30 contains a base fertilizer to support the initial stages of plant growth. To support ongoing plant nutrition, additional fertilization will be needed—either through fertigation or by using controlled-release fertilizers.

In the latter case, these can be incorporated during the substrate's production, tailored to the specific needs of each customer.



## Applications

RT30 has been designed by BURÉS PROFESIONAL, S.A., to be used with a large range of plants, even though the following stand as the most suitable ones:

- Seasonables plants: *primrose*, *impatiens*, *petunia*,...
- Conifer and forest cultivation
- Aromatic plants and bushes
- Ciclamen farming

## Presentation

RT30 substrate is available in bulk, delivered by tipper truck or in big bags.



Bushy



Conifer



Outdoor  
Cultivation