

## ORGANIC SUBSTRATE RT50

The combination of *Sphagnum* peat and composted and calibrated pine bark, results in the organic substrate **RT50**, a material with great versatility that adapts well to the new trends of culture.

### Composition

**RT50** is a mixture substrate of organic fertilizer Vigorhumus H00, prepared from selected and composted **pine bark** and ***Sphagnum* peat** of the highest quality.

Substrate **RT50** is a **usable product in organic agriculture**, with **high air capacity** and **suppressive effect** against plant diseases caused by fungi and bacteria.

The **RT50** incorporates **organic fertilizer** that has been prepared based on materials of animal and vegetable origin, and provides at the level of basic fertilization for the first weeks to the cultivation.

The finishing process of the substrate are performed by addition of fertilizer and a good screening who guarantees the homogenization of the mixture and the accuracy in the particle size of the product.



### Characteristics

The two components forming the substrate are complement in a balanced way, both as regards its physical behavior as their chemical properties.

The characteristics of pine bark used in this mixture, which has a particle size with few fine particles, gives a good drainage capacity to the substrate.

The presence of *Sphagnum* peat promotes water retention and improves soil aeration capacity.

PARAMETER	UNIT	VALUE
Humidity	%	45-65
Organic matter	%	75-90
pH	-	5,5-7,0
Electrical conductivity	dS/m	0,1 – 0,5
Apparent density	g/l	240-400
Dry bulk density	g/l	100-200
Total pore space	%	80-90
Air	%	25-35
Easily assimilable water soil	%	25-35
Soil water storage	%	4-6
Hard assimilable water soil	%	30-35

Also noteworthy is the pH of the substrate, slightly acid, which facilitates the solubility of essential micronutrients for the plant.

Due to the incorporation of pine bark, this substrate has a suppressive effect on plant diseases caused by bacteria and/or phytopathogenic fungi.

Thanks to the rigorous process of composting pine bark, a stable product who are free of adventitious seeds is obtaining.



The **RT50** substrate incorporates basic fertilizer doses, and over time may need to complete the plant nutrition. In the case that the contribution of different doses of fertilizer that provides the product needed, you can incorporate the desired dosage on customer request now of the manufacture of the substrate.

In response to client demand, it is possible to produce **RT50** peat substrate with different particle sizes depending on the needs of the crop.

## Applications

**RT50** substrate has designed by **BURÉS PROFESSIONAL, S.A.**, for use in an extensive variety of crops, but include the following as the more specific:

- Season's plants: *Primrose, Viola, Impatiens, Petunia, etc.*
- Plantation of forest trees and coniferous.
- Aromatics and woodies plants.
- Cultivation of *Cyclamen*.

Given their high aeration capacity, is optimal substrate for rooting of conifer and shrub.

## Presentation of the product

The **RT50** is serving a bulk by dump truck, with a minimum order of 10 m<sup>3</sup>.

You can also purchase packaged in 70 liters bags, with 39 bags/pallet and minimum order of 6 pallets.



Coniferous Woody Outdoor growing

The **Ecological Substrate RT50 Burés - Prodeasa** is labeling in accordance with the rules of The RD regulation 865/2010 on growing substrates.

Product for use in organic agriculture according to **Regulation (EC) n°834/2007** of the Council, of 28 June 2007, on organics production and labeling products with **n°CT71PAE-11 Certification** by **Sohiscert**.

Heavy metals content below the authorized limits for this classification: A.

No special requirements are needed for theirs uses.