

Growing Organic & Sustainable?

It is now possible with the Cellmax BIO soil mix, the ideal start for every organic cultivation!

The new Cellmax bio potting soil is one of the most sustainable potting soils ever made. This potting soil has been developed with sustainability as a starting point without sacrificing great results. All ingredients are carefully selected from the best sources and therefore we can proudly say that this potting soil mixture, is one of the first to consist of more than 50% renewable raw materials. This unique potting soil blend consists of: controlled bark-compost, green-compost, untreated coconut fibre, certified wood fibres, fermented peat plants, natural minerals and a minimum peat content. More information can be found on the back of this leaflet.

In addition to these basic raw materials, Cellmax BIO potting soil is enriched with:

- 100% Vegetable fertilizers for 4-6 weeks
- Fulvic and Humic a natural byproduct extracted from drinking water.
- Organic soil improver, as a residual product from the wine industry.
- Biostimulants
- Natural Rock Powder & Rockphosphate
- Seaweed lime

All ingredients are specially matured after production to allow useful soil organisms to develop so that when the potting soil bag is ready for use, the plant can benefit more quickly from all benign bacteria and fungi.

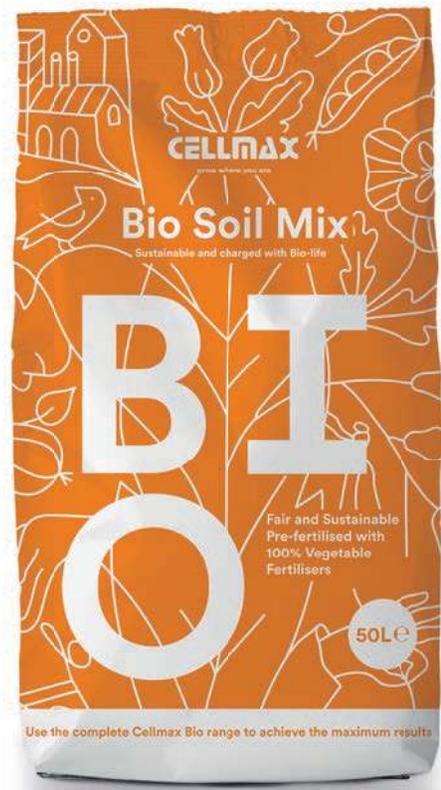
We guarantee that this product is free of germs, pathogens, heavy metals and other components which are harmful to humans and nature. Consists exclusively of plant components and contains no animal proteins or other animal by-products.

Re-use:

Cellmax promotes reusage, which is why this potting soil is very suitable for partial mixing with new potting soil. This has the advantage that the old potting soil is better composted and contains more bioactive life. Mix 2/3 of the new Cellmax BIO potting soil with 1/3 of the old potting soil for best results.

Works good together with:

- Cellmax Mycorrhiza for the improvement of soil life
- Cellmax BIO root stimulator for better rooting
- Cellmax 8-2-2 ensures improved growth and promotes healthier soil life
- Cellmax BIO flowering for more yield and larger fruits.



Controlled & Certified

The Cellmax Bio Potting soil has been specially certified by Control Union, a worldwide organisation that carries out inspections in the field of organic agriculture and horticulture. This makes this potting soil extremely suitable for organic cultivation or as an addition to any growing environment. This mixture has also been extensively tested by laboratories and testers and has been found to be particularly suitable for fast-growing crops, herbs, vegetables and fruit. It is also suitable for flowers and tropical plants. Additionally, this potting soil contains the quality mark for good soil and is provided with the RHP quality mark for Horticulture and Consumers. By approving this potting soil in this way you can be 100% sure of a fair and clean end product.



Instructions for use:

Fill your pot, container or bin for 2/3 with potting soil. Place the plant in the pot and fill the pot with potting soil to the edge. Press the potting soil gently and water as needed. Adjust the watering to the needs of the plant, depending on the size of the pot, the growing conditions and the growth phase of the plant. The potting soil should not be constantly wet or dry out completely.



Ingredients



Bark compost

Bark compost is composted compost from deciduous or coniferous trees. Bark compost improves the structure of the mixture and contains a high amount of calcium. This ingredient is a good substitute for peat and therefore deliberately chosen by Cellmax for the BIO potting soil.

Green compost

The green compost used in the Cellmax Bio soil mix is made from composted prunings. Green compost promotes the overall pH value of the mix and is low in salts and rich in nitrogen and potassium.



Wood fiber

Wood fiber is a useful ingredient that promotes aeration. The wood fibres in the Cellmax Bio soil mix are FCS certified. Mixing pure wood fibres in potting soil would cause the wood fibres to absorb a lot of nitrogen, making it unavailable to the plant. The wood fibres we use in the mix are pre-treated so that they leech less Nitrogen from the plant.

Fermented peat plant

This ingredient is a special type of peat that is extracted from Finnish moss fields. It is an upper layer of peat moss in a large marshy area. The advantage is that this moss species quickly grows again and when the plant is harvested, the water level does not change and therefore hardly any CO₂ is released. This moss improves the structure and airiness of the Cellmax BIO soil mix and is very similar to regular peat species in terms of structure. Because of these properties we have chosen to mix this in.



Coconut Grit

Coco is seen as a sustainable and renewable raw material, but we are of the opinion that because of the enormous distance that coco has to travel from Asia and has to be rinsed with clean water, this is one of the reasons why this product has a major impact on our ecosystem. That is why we have chosen to limit the amount of coconut in this new Cellmax organic mix as much as possible.

Sphagnum peat

Finally, this mix contains the minimum of Sphagnum peat. The peat in this mix is extracted from specially selected areas so that it can be harvested in a responsible manner. The peat bog component comes from the top layer of a peat bog area and therefore the peat bog area has the possibility to recover after the harvest of peat bog.

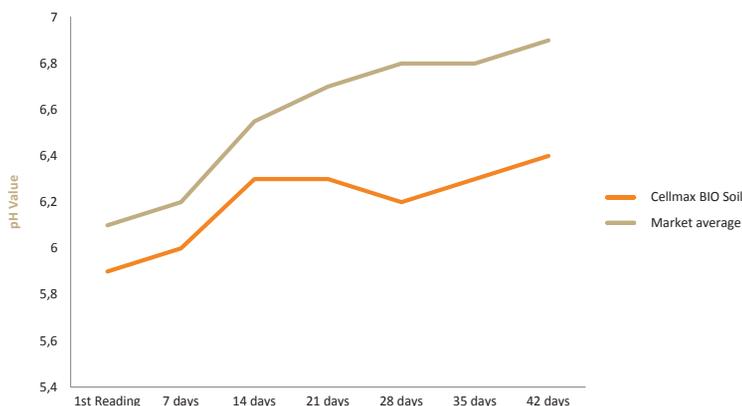


Ingredients	Value
Vegetable fertilizer for 3-6 weeks with after-effects	NPK 10-2-5 High Nitrogen
Organic Matter	>87%
EN Volume	50L
Electrical conductivity (EC)	1,1mS/cm
pH Value	5,5-6,4
Fulvic & Humic	Fulvic 80% Humic 20%
Humified grape must	NPK 2-0-2 Nutrition for soil life trace elements
Naturally soft Rock Phosphate	Natural source of Phosphorus
Rock Dust	Source of natural minerals and trace elements
Seaweed Lime pH stabilization	45% (CaO)

"Legally, a product must contain only 30% of sustainable ingredients to be qualified as sustainable. Cellmax BioSoil contains 50% of renewable sources"

Comparison of the soil properties

pH progression Organic Fertilizers



EC progression Organic Fertilizers

