

FOR RESPONSIBLE GROWTH

WE GO AHEAD

LATEST IPM - NEWS



SARAH JUNG, Team Leader QS
"Type 30, 60, 100 - Cocopeat-quality which only we can do!"

GRAMOFLOR

Quality from the start!

Well combined – peat reduced

Peat substitutes: We go ahead!

"Until the end of 2020 we will no more produce any substrate or soil without peat substitutes in our own factories", Josef Gramann the managing partner explains, "by doing so, we emphasize the whole matter and push the peat reduction significantly."

Knowing that peat is rather a fossil than a renewable resource and that the peat substitutes wood fibre and cocos can already proportionally work very well in professional horticulture, the company Gramoflor continues to go on offense.

He adds: "With a peat replacement quota of real 20 Vol.-% spread over all professional substrates we have already exceeded the sector average and the experiences of recent years have shown that with our own wood fibre and now coco from our own processing we can reach substrate qualities, which absolutely speak for more peat reduction. Therefore a cultivation risk is not existent anymore and peat-reduced substrates have a verifiable significant better carbon footprint due to the use of renewable resources. Thus they are better for the climate which now needs to be protected more than ever".

Gramoflor has processed over 100.000 m³ peat substitutes last year in its own factories and this amount is supposed to be raised. They are optimally supplemented by the renewable, regional resources substrate compost and bark humus, both RAL-quality assured and conform to the EU regulations for ecological farming.

It is also the intelligent combination of good resources, which leads a peat-reduced substrate to success. For this Gramoflor gives good arguments beyond the pure resource characteristics:

Our substrate recommendation:

- ✓ less peat
- ✓ same quality
- ✓ more climate protection

Already now real
20 % for professional
substrates
> 100.000 m³
peat substitutes
per year



REDUCING CO₂

CERTIFIED QUALITY



www.substrat-ec.org

Coco – better standards through own processing

In their countries of origin like India and Sri-Lanka **Cocopeat (coconut pulp) and coco fibres** are residual materials from the production of coco products. They are sufficiently available and through an appropriate processing, they have proven to be excellent peat substitutes for professional horticulture.

Gramoflor meets the requirements of environmental and social compatibility with following measures:

The production of the raw materials obtained by Gramoflor takes place in consideration of the social standards SA 8000. The transportation of this very compact resource by ship to seaports near the production site takes place considering the carbon footprint.

Another advantage regarding the carbon footprint is that coco is a renewable resource and corresponds to recycling.

In consideration of the environmental standards in Germany and the respective cultivation requirements Gramoflor has developed an own procedure to process the resource cocopeat. As a result, the water consumption in the origin countries is reduced. A majority of the washing process will take place in the own production facilities under controlled conditions.

Furthermore, Gramoflor will be able to process the cocopeat in a way that three different types are created. This possibility is an upgrade for adjusting the salinity and the physical characteristics regarding the requirements of cultivation. It enables a continuity of the chemical characteristics and therefore a particularly high quality level as well as a good price-performance ratio.

Three types of quality are offered:

Type 30 for a share of up to 30%, **Type 60** for a share of up to 60% and **Type 100** for a share of up to 100% and the demands of very sensitive cultivations. A chemical buffering is not needed anymore.

This classification and processing has been developed by the in-house research and development department. Today all three types are RAL-quality assured and listed for ecological cultivation at FiBL, which currently is unique in Germany.

Quality wood fibre **LIGNOFIBRE®** from own production through latest processing technology

“The consequent way of peat reduction with mainly renewable resources has been strengthened by the invest in an own wood fibre production with the latest technology two years ago, so that we have our own certified wood fibre with the quality label of RAL”, Josef Gramann explains.

By thermal-mechanical separation wood chips with assured quality from sawmills become wood fibres which are very suitable for professional substrates and soils. The development activities incorporate the experience of recent years. Thermal pretreatment is an important processing step in order to achieve best qualities that are RAL-quality assured and conform to the EU regulations for ecological farming.

Peat usage with good conscience

Gramoflor has had its own peat extraction sites for decades in North Germany where the focus still lies on.

“The own production and renaturation according to the self-developed “upper and subfield method” which today is recognized by representatives of well-known nature conservation organizations is still the method of choice”, Josef Gramann explains. He adds: “And Gramoflor will continue this commitment in the future”.



COCOPEAT – Raw material recovered from the mesocarp of the coconut



COCOFIBRE



LIGNOFIBRE® uncoloured



LIGNOFIBRE® coloured



LIGNOFIBRE® c Xtrafine

The peat extraction in North Germany is exclusively done on areas that already have been drained and degraded for agriculture. Therefore, peat extraction creates new living mires and biotopes. After finishing the extraction and in the sense of protecting nature, mire and climate, these areas are given into the hands of the foundation "Stiftung Lebensraum Moor", which was established by Gramoflor in 2012.

Josef Gramann summarizes:

"Well combined – peat reduced is our slogan, because a declared corporate goal which is lived with conviction is to raise the peat replacement rate to 30 Vol.-% until the year 2025. With these proportions, the production costs are not necessarily higher and with accompanying specialist advice the cultivation risk does not increase. A condition for this are obviously our good raw materials, because only good raw materials can make up a good substrate that meets the requirements of the professional horticulture."



*We are exhibitor on the IPM 2020 –
Come and visit us:
Hall 3, Booth 3B45!*

FOR RESPONSIBLE GROWTH

WE GO AHEAD

LATEST IPM - NEWS



RENEWABLE RESOURCES



Josef Gramann, Owner



RENATURATION
From peat extraction to bog development

FOR FURTHER
INFORMATION
VISIT US ONLINE



www.gramoflor.com

Well combined – peat reduced

Peat substitutes:
We go ahead!

GRAMOFLOR

Quality from the start!

CERTIFIED QUALITY



RENEWABLE RESOURCES



REDUCING CO₂



Gramoflor GmbH & Co. KG

Diepholzer Straße 173

49377 Vechta · Germany

Phone: +49 4441 9997-0

Fax: +49 4441 9997-70

E-Mail: info@gramoflor.de

www.gramoflor.com