



OPTIMA OPEN TOPS

the proven coco coir to optimize yield & quality

Dutch Plantin coir products are used for many years by growers all over the world and in all kind of cultivations: vegetable crops (e.g. tomatoes, cucumbers, peppers), cut flowers (roses, gerberas, carnations), softfruits (blueberries, strawberries, raspberries, blackberries) as well as various pot plants.

The most important benefits which came to light are: fast controllability due to its excellent physical properties; faster growth due to improved rooting; minimal susceptibility to root diseases due to its organic properties and longer durability due to its stable composition.



No fines and no chunks: each grade is complementing to the other one. That's unique!

Basically our growbags are manufactured by making uniform blends of coarse and fine raw materials: mini-chips, cutted-fiber and coco pith. Some manufacturers use so-called 'crush' for growbags: varying too much in our opinion, a lack of uniformity and a too limited moisture retention capacity.

Our technical department in collaboration with our R&D designed and constructed new machines for improved structures resulting in great physical characteristics: air-% from 40-50% at -10 cm with high uniformity in a perfect balanced coarse structure.

Regular coco versus Dutch Plantin Optima

Dutch Plantin Optima provides just the right water and air ratio. Compared to regular coco, the Optima Open tops contains the optimal percentage of air. At the same time, the plant excellently distributes sufficient amounts of water. This can only be achieved thanks to the highly stable qualities of Dutch Plantin coir products.

Longer durability and sustainable

Cocopeat as such contains lignin, cellulose and hemicellulose. Lignin is the most stable component out of these three. The presence of lignin in the cocopeat helps the product to remain stable and retain its positive properties for several years. Cocopeat is ideal for re-use. Also the cocopeat is usable as soil conditioner in root-bound soil. Dutch Plantin cocopeat yields greater advantages than in terms of both an ecological and financial viewpoint. Dutch Plantin coco is well aged and the most stable on the market.

Controllability of our Optima coco

Dutch Plantin Optima contain an excellent air-water ratio which makes it easy to quickly steer vegetable plants by



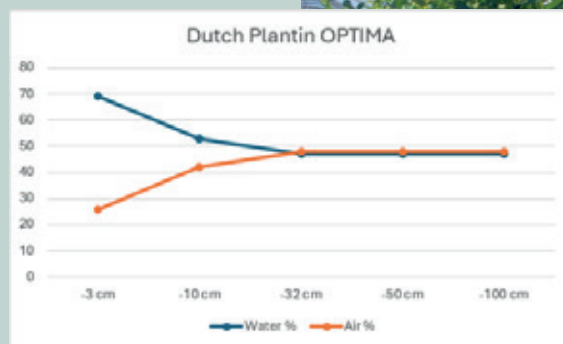
changing the nutrition to a vegetative state as well as a generative state. The Dutch Plantin Optima mix is characterized by a (very) high air content, even in conditions when there is little evaporation. This implies that a fast transition from vegetative to generative growth is possible, without a lack of air arising in the substrate. The material dries out less quickly than other growing media in warm conditions, because the cocopeat will hold some water and rewetting is very easy. This results in a more stable production and quality.

Less susceptible to root diseases

The presence of useful micro-organisms which thrive in the organic cocopeat ensures the suppression of potential root diseases. The excellent physical properties (more stable moisture content without a lack of air) are highly beneficial in the development and maintenance of healthy roots. Finally, the hygienic conditions at RHP accredited sites and our Organic certification from IMO in Switzerland also contribute to a disease-free substrate.

Characteristics of DUTCHPLANTIN OPTIMA:

- Drainage holes custom-made
- Easy preparation for buffering/washing, advice given
- Once our stable coco coir is buffered well, it stays so
- Fast establishment after planting, roots across the bag
- Easy vegetative growth by dripping extra
- As generative as you like by drying back during nights
- 100% organic, ready and used for "Organic Produce"
- Sustainable with beneficial reuse possible after the crop



CONTACT

Keen to find out more about the unique properties of our coco substrates?
Or about the benefits of our products for your crops and the environment?
Contact us today! Phone +91 422 256 2501 (India) or +31 492 729 136 (The Netherlands)
or send us a message through our contact form on our website.
We will get back to you as soon as possible.

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DUTCH PLANTIN OPTIMA OPEN TOPS ARE AVAILABLE:

expanded size LxWxH in cm

25 x 25 x 24 cm
30 x 30 x 24 cm
30 x 30 x 28 cm
30 x 30 x 30 cm