

RCS 2.0

The substrate-free system that makes sustainability sustainably profitable

We had a real sensation in store for IPM 2025 and were ready to shake up the industry! The enormous response and the many positive comments showed that we had done just that.

With RCS 2.0, we have introduced a ground-breaking innovation: a revolutionary propagation system that roots cuttings substrate-free in paper bags. This paper is biodegradable and free of fossil plastics.

We have thus created a product that combines environmentally friendly, resource-saving and efficient solutions at the same time. The cuttings are rooted directly in the environmentally friendly, cellulose-based paper bags with minimal energy input and completely substrate-free.

Another advantage of the substrate-free method is the favourable volume-to-weight ratio, which enables efficient transport. Many more plants fit into one box than with conventional rooted young plants. Not only does the utilisation rate increase, but the amount of material required is also significantly lower, as the product is lighter and the cardboard therefore requires less reinforcement.

RCS 2.0 are supplied either in paper strips or in individually pre-cut bags, making them ready for immediate use. Production can be carried out as usual with a slight adjustment to the different handling due to the smaller size of the cuttings during insertion. To make it easier for our customers to switch to production with RCS 2.0 young plants, we have created a manual with instructions for handling ([Link PDF](#)).

NEW



Reduced size and less packaging material

RCS 2.0 young plants can be used for various pot sizes, Jumbo RC or 6-packs. Cultivation and the final product meet the standards of other product forms. The production of 6-packs, for example, is a particularly successful application: By using RCS 2.0 instead of unrooted cuttings, the cultivation time can be reduced by three weeks while at the same time improving quality and minimising the failure rate. RCS 2.0 is also the perfect option for producers of herbs who rely on organic cultivation.

With a gripper arm for the TTA CuttingEdge, the paper strips can be processed fully automatically. The advantage of this method: production efficiency is further increased.

Overall, RCS 2.0 opens up a wide range of possibilities for sustainable savings and presents itself as an attractive solution for anyone who wants to meet the demands of the modern market.



Substrate-free planting and rooting

Rooted RCS 2.0



Packaging of RCS 2.0



Automated processing



Sales start for the FlowerTrials®



RCS 2.0 – THE GAME CHANGER FOR PLANT PRODUCTION

We first presented RCS 2.0 at IPM 2025 a year ago. Although we were convinced of its potential, we were surprised by the overwhelmingly positive response. The enthusiasm of the entire industry confirmed that RCS 2.0 not only marks a technological step forward, but is proving to be a real game changer for plant production.

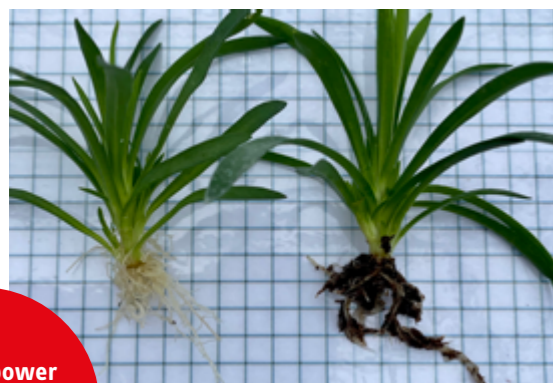
RCS 2.0 represents progress on many levels: The young plants are rooted without substrate in special, biodegradable cellulose bags – a revolutionary, patented process that combines ecological advantages with efficiency gains in logistics.

Ready for the upgrade?
RCS 2.0 beats Standard RC



The cuttings are placed in clean, substrate-free cellulose bags, thus replacing conventional cuttings in substrate. This not only keeps the hands clean – the transparent, open rooting system also allows a complete view of the entire plant, including the root collar and the roots. During the rooting phase of RCS 2.0, only very small amounts of plant growth regulators are used, often none at all. Particularly in the winter months, rooting at the Kenya site also shows its strengths: it ensures strong, vital and energetic young plants.

RCS 2.0 power through air pruning



Root development is exceptionally strong: Numerous fine, branched roots develop directly at the base of the cutting. This process is promoted by air pruning, while the cellulose bags provide optimum protection for the young roots.

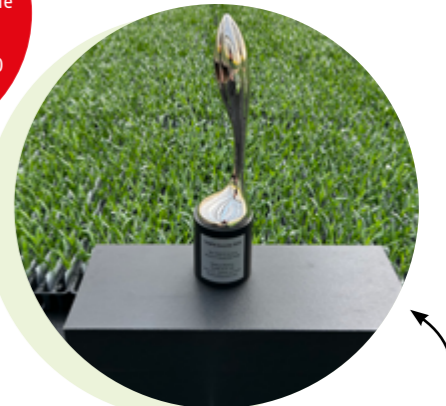


When shipping RCS 2.0, we do not use substrates and trays. One bag of RCS 2.0 contains 104 rooted cuttings. One tray holds 144 rooted cuttings, and a MiniRooter® tray holds as many as 286. A box of the same size that fits a tray with 144 or 286 rooted cuttings can hold up to ten bags of RCS 2.0, and the shipping weight is even lower.

RCS 2.0 – Clever wachsen. Nachhaltig wachsen.



from left to right: Ann Jennen (Fleuroselect), Per Klemm (CEO), Stefan Reiner und Karoline Steinberger (Product Development) und Lea Wagner (Host TASPO Awards)



RCS 2.0 won both the TASPO Awards in the 'Best Product Idea B2B' category and the German Horticulture Innovation Award 2025 from the Federal Ministry of Agriculture, Food and Regional Identity and was awarded the bronze medal at the SIVAL Innovation Competition in France. This shows that RCS 2.0 not only offers technical innovation, but also proves its worth in professional practice: RCS 2.0 meets real needs in professional horticulture, measurably increases cultivation success and is a prime example for efficient and sustainable plant production.

With RCS 2.0, we are setting new standards in young plant production and once again establishing ourselves as a driver of innovation in the international ornamental plant industry – and beyond. We demonstrate that real progress occurs where innovation, sustainability, and entrepreneurial spirit converge.

NEW

More at: www.rcs-2-0.com

ECO friendly



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In August, the new version of the rooting trays from Herkuplast Kubern GmbH arrived at our headquarters in Stuttgart. We then started a new series of trials with dianthus. The results have been consistently positive: The feedback is very good and handling works smoothly. The option to order a test kit is also proving popular. We have already sent the starter kit to over 20 international sites. The strong interest – including from neighbouring sectors such as fruit growing – underlines the potential of RCS 2.0 to enter new markets and bring about lasting change in the rooting process in young plant production.

