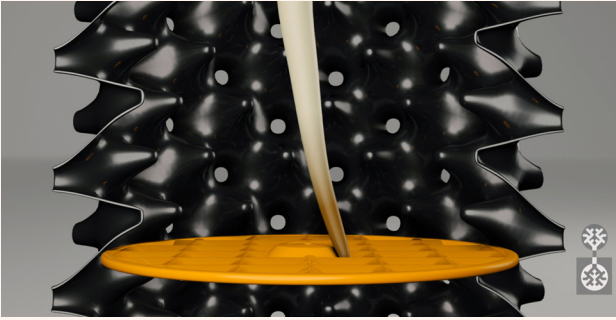


HOW AIR-POT CONTAINERS WORK

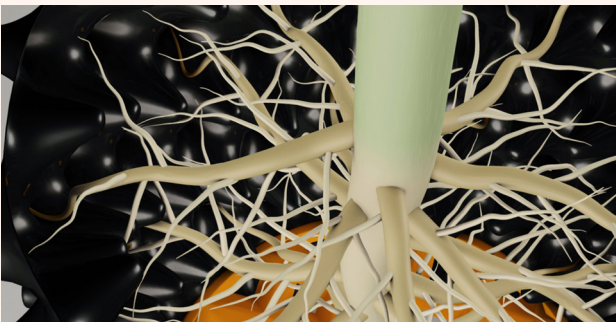
The secret is in the unique shape of the Air-Pot wall.



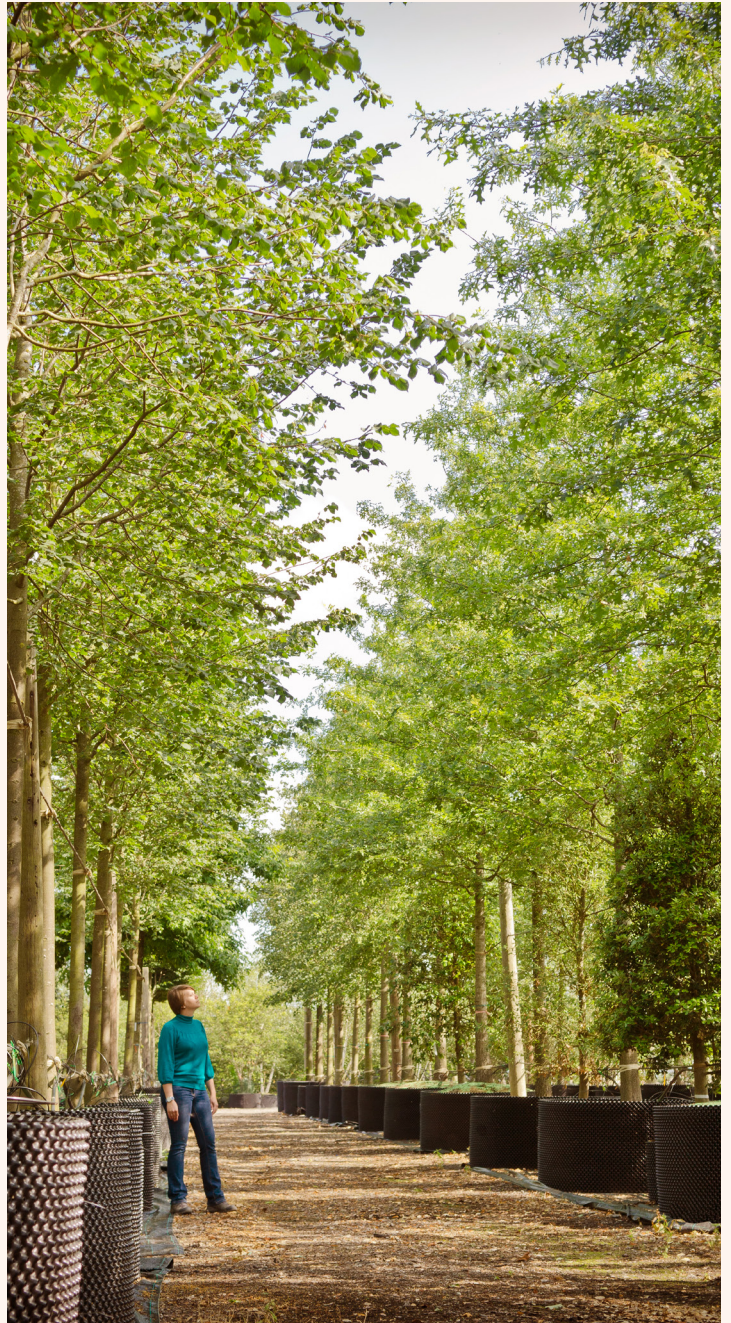
When the tap root reaches the base, increased air in the compost dehydrates the tip, pruning it and stimulating lateral root branching.



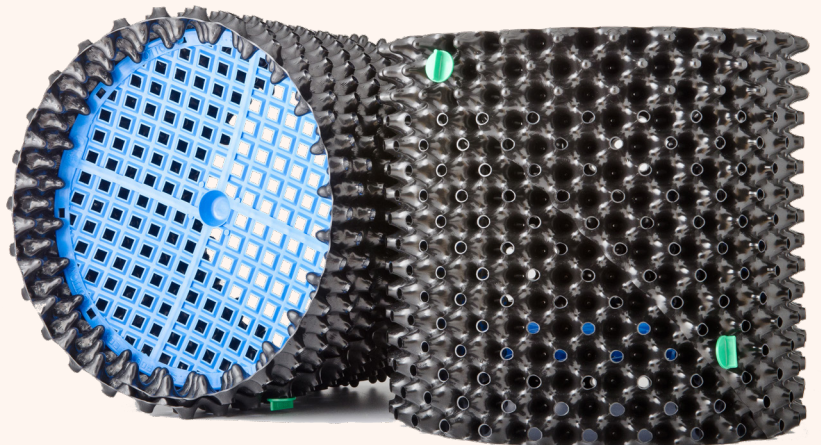
Each of the lateral roots is then steered by the shape of the wall towards an air hole, where it is also air-pruned, causing yet more branching.



The process is continually repeated until the plant has developed a dense mass of fibrous roots. This healthy root structure leads to increased take up of nutrient and water, faster growth and greater sequestration of CO₂.



The system is extremely flexible and is used for growing from seed up to the biggest trees.



Air-Pot containers are made from recycled HDPE a plastic commonly used for milk and shampoo bottles.



Although the system was originally developed for growing trees any plant will grow better in Air-Pot containers. They are popular with gardeners for growing greenhouse crops and are beginning to be used by commercial food growers.

ABOUT THE COMPANY

The Caledonian Tree Company is based near Edinburgh and has been designing, manufacturing and selling the Air-Pot system since 1997.

The design of the container has been continually refined and is now in its sixth generation. From the start the container walls have been made only with recycled plastic and the business has had a strong green ethos. It owns a small research nursery from which 200 trees are planted annually and a larger commercial nursery producing 3000 trees each year.

Our carbon footprint is further offset by our support of horticultural institutions such as RGB Kew and Edinburgh and the ecological charity Rain Forest Concern in Peru.

For more information please visit our website www.air-pot.com
Or email: julyan@air-pot.com

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