

NEW WAY OF GARDENING

The beauty of nature is back



HAVE YOU THINK ABOUT GREEN GARDENING?

Please take time to read this article to know how to become a green gardener with GREEN FINGERS

THE CHALLENGE IS

Plastic grow pots, while widely used in gardening and agriculture due to their convenience and affordability, also have significant harms and drawbacks. Usage of the plastic products a challenge to the environment for many decades now. That hasn't been changed using plastic pots for the horticulture industry

Have you ever wondered what happens to all those plastic pots once we're done with them? everyone was under the false impression that most were recycled and did no any harm to the environment. However, it turns out that a large percentage of them join other single-use plastics in landfills or the natural environment, they can persist for hundreds of years, contributing to plastic pollution and harming wildlife, marine ecosystems, and overall ecological balance.

WHY IT GETS MORE DIFFICULT?

when it comes to recycling, all plastic pots pose a problem. Since they are derived from fossil fuel hydrocarbons, they are non-biodegradable, except they have been recycled or upcycled. Further, in order to be recycled, they must be decontaminated. that means all soil and debris must be removed from the container. Anything that stays in the pot wreaks havoc on recycling facilities by dulling the knives of the grinding machinery

Some plastics can be very harmful, and they can release toxins and chemicals into the soil, especially when they have been exposed to sunlight for a long time and are heated.



WHAT HAPPENED TO USED PLASTIC POTS?

Black plastic pots are non-recyclable. That makes them a single-use plastic, which takes around 450 years to decompose.



IS THERE AN ALTERNATIVE PRODUCT?

>>> SOLUTION

To overcome those challenges as an alternative solution, Onetra Hydro is introducing 100% biodegradable Coir Pots. Our Coir pots are made from 100 % biodegradable materials, natural rubber and fiber of coconut husks. Mixing rubber with coir fibre in a certain ratio produces rubberized coir fibre and is moulded into different shapes and sizes. Not like ordinary coir pots, our rubberised coir pots usually last 1 year or more of their life span (depending on the weather condition) and can increase to 2 years changing the pot wall thickness, and these rubberised pots break down naturally in the soil over time, reducing environmental impact and avoiding root-bound issues.

>>> HOW IT HELPS FOR THE PLANTS AND PLANETS

The biodegradable pots allow the plants to transplant into bigger containers or directly into the ground with the pots. The porous nature of coir allows for better air circulation around the roots, promoting root health and preventing root circling or root-bound plants. This leads to healthier and stronger root systems. Coir fibres have excellent water retention properties, ensuring that plants receive adequate moisture without becoming waterlogged. At the same time, the coir's porous structure allows excess water to drain, preventing overwatering and reducing the risk of root rot.

Coir pots reduce transplant shock because they can be directly planted into the soil, avoiding any root disturbance during transplanting. The coir pot gradually decomposes, allowing the roots to penetrate the pot and establish themselves in the surrounding soil seamlessly. These great benefits are helping our environment and into our pocket reducing the cost of labour, replanting, maintenance, and no cost for recycling. With those benefits, this product can be perfect for commercial and home gardeners, any scale of nurseries and landscape projects to maximise efficiency and the highest ROI.



KEY BENEFITS ARE

Helping our environment to become more greener and helping to our pocket reducing the cost of labour, replanting, maintenance and no cost for recycling.



PRODUCE ECO FRIENDLY GROWING PRODUCTS IS OUR BUSINESS

>>> WHO WE ARE

We are pleased to introduce ourselves as one of the leading stockiest of the Coir Posts and other coir based growing products. With the environmental impact of the high wastage of non-degradable plastic pots, we came up with an alternative solution to save the planets we all love.

Our business is the production of innovative coir-based horticultural products and supplier for passionate worldwide growers who aim to meet their growing needs to achieve optimum harvest. Everything we developed with love and maximum effort to simplify your growing needs

We are an Australian-owned and operated company. Our production facility is overseas certified for coir product manufacturing and licence holder for export for any market. At Onetra Hydro we believe there is a better way to do growing to gain optimum harvest for the hard work you always put on. As technology advances and innovation proves increasingly successful, our dedication remains to provide sustainable products. We recognise the importance of our role in introducing greener products to mitigate growing challenges and offer effective solutions for the daily needs of businesses and consumers worldwide.

Please check our all products on page 3, and if you wish to get more information please visit our website or give us a call.

PREMIUM QUALITY

We ensure
anything we
supply is
genuine and
made with
premium
materials to
meet the
highest quality
standards



COIR POTS



Coir pots are produced from rubberized coir moulded into different pot sizes which are suitable for any plant. Our pots are 100% biodegradable and once the plant is mature you can directly plant into another bigger pot or in the ground.

Small Sizes - (DXHXB) 5.8cmX13cmX3.2cm (Root container)

II 8cmX11.5cmX5.5cm II 9.5cmX9.5cmX7.5cm II 13cmX10cmX10cm

Large Sizes - (DXHXB) 17cmX17cmX11.5cm (Gallon1) II 23cmX20cmX16cm (Gallon2) II 28cmX22cmX20cm (galloon3)



MICROGREEN TRAY & SHEET

Coir Microgreen Tray & Sheet is produced from rubberized coir. This 100% biodegradable product can be harvested 2-3 times before being disposed to the garden. It will break down naturally in the soil over time.

Tray Size - (LXWXH) 27cmX17.6 cmX4cm II Sheet Size - 26cmX17cmX0.5cm



COIR DISCS

The compressed coir discs expand to the required volume when water is added. They are great for adding directly into grow pot for planting or use as a soil conditioner. Various types of coir discs are available to suit the moisture ratio and EC level for plant requirements.

Sizes - Diameter 4cm - makes 0.5L (Appox) II 5cm - makes 1L (Appox) II 6cm - makes 1.1L (Appox) II 7.5cm - makes 1.4L(Appox) II 10cm - makes 1.5L (Appox) II 12cm - makes 1.75L (Appox)



COIR POLES

Coir Pole is a plant growing aid made from rubberized coir sheets wrapped around PVC poles which provides extensive grip to the creeper allowing for faster growth. The coir sheet gives plants cool & moist support and being porous, helps the plant to develop many tiny roots throughout the surface. Available in different lengths as per plant requirements.

Sizes - Length 45cm II 60cm II 90cm II 120cm II 150cm



COIR WEED MATS

Coir weed guard mats are manufactured from rubberized coir sheets and place on top of the soil restricting the growth of any weeds or fungus surrounding the plant but allowing water, air and nutrients to get to the plant roots. Various densities, shapes and sizes are available to meet your needs.

Sizes - Round Mats Diameter 15cm II 21cm II 29cm II 45cm II 60cm



COIR GROW BAGS AND PLANTER BAGS

Onetra Hydro Essential and Premium series of grow bags filled with coir facilitate plant growth and strengthen your plants' roots. Each series from with different coir peat and coir chips ratio to maintain its required water content for draining requirements for the crop and meet the weather requirements. Please visit our website about the product range and specifications.



COIR GROW PLUGS AND BLOCKS

Compressed Coir Disk packed in a biodegradable cellulose paper block ready to use when added water. These grow plugs are great for germination or propagation and when baby/young plants are ready to transplant, they can place directly inside the Coir Grow block or into the pot for further growing.

Size (Compressed) - Plug Diameter 25mm II Blocks - (WXH)5.4cmX1.3cm



COIR BRICKS

The compressed Coir Bricks expand to the required volume when water is added. They are great for adding directly into grow pots for planting or use as a soil conditioner, also use as an insulation layer to reduce water vaporisation. Various types of Coir Bricks are available to suit the moisture ratio and EC level for plant requirements.

Sizes - (LXWXH) 20cmx10cmx5cm - 1kg - makes 14L (Appox) II 20cmx10cmx15cm - 5kg - makes 70L (Appox)