

MICRO-GARDEN

Plant station for micro-greens



DENK



Micro-garden Plant station

There is concentrated power hidden in micro-greens. Not only do the seedlings grow quickly, they also taste great and are rich in nutrients. The *Micro-garden* is the perfect plant station that allows you to grow your own seedlings on your window sill, easily and for decorative purposes.

Micro-greens are normally grown on earth, coconut or hemp mats. These substrates can only be used once, and they need to be disposed of after the cultivation. The patented Denk plant stone, made of *Porosium*[®], serves as a reusable planting pad for your micro-greens. It sucks the water surrounding it up to its surface, feeding the seedlings in this way. After the cultivation, it can easily be cleaned and made ready for the next use.

Germination

Distribute the seeds on the plant stone evenly and put the plant stone in the bowl. Then fill the bowl with water, up to the upper edge of the plant stone. The stone will now end up saturated with water, until approximately half of it lies in the water. The *Porosium*[®] ceramic will transport the water to the seeds. With this they will be lying damp, but not wet; this provides ideal germination conditions. The seeds will also require a high level of air humidity and darkness for germination.

Once you have bought the micro-garden set, you should cover the filled bowl with the second bowl. In the case of an individual item, cover the bowl e.g. with the matching harvest plate. Put everything in a warm location (18°-20°C). The germination period will vary depending on the seed type. From the second day onward, check on a regular basis whether or not the seeds have germinated.

Growth

When the seedlings are approx. 2 cm in size, these little plants will require sunlight. We recommend a window sill or another bright place as a suitable recommendation. In your *micro-garden set*, you can swap the lower bowl and the upper bowl around. You can repeat the germination process in the lower one, while the seedlings are already growing in the upper bowl. A constant cycle of cultivation is possible in this way. If the seeds in the lower bowl have also germinated, you can position both bowls separately from each other. For an individual article, just remove the cover.



Harvest

The micro-greens can be harvested, as soon as the first true pairs of leaves have formed after the cotyledons – depending on the type, and the conditions, this will be after approx. 5–20 days. Cut the seedlings just above the root.

Cleaning

The *plant stone* can be cleaned easily. Pull the roots from the surface – the remains can be removed with a soft brush. For disinfection, the stone can be placed in boiling water for approx. 3 minutes or in an oven at temperatures above 100°C for 10 minutes. After this, the plant stone can be re-used. The bowl can be cleaned by hand with a detergent, or in a dishwasher.





Care & Notes

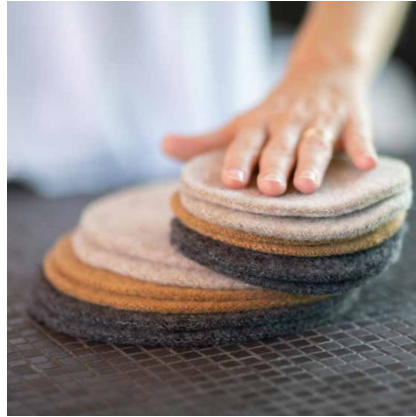
- Make sure that the *plant stone* is not dry – refill with water regularly.
- The water should be changed in full every 2-3 days, for hygiene reasons. To do this, simply remove the *plant stone* from the bowl and fill it with fresh water.
- If a root carpet has already formed and the plantlets are still stable, you can also flush the roots under slowly flowing water.
- The seedlings should be washed before consumption.
- Condensation can form under the bowl. This means that you should not place the bowl on surfaces sensitive to scratches and moisture, or make use of a suitable base.
- Only use seeds intended for the cultivation of micro-greens. These seeds contain no contaminants or bacteria.

Useful accessories



Harvest plate

Using a matching *harvest plate*, you can cover the bowl as a means to ensuring darkness during the germination phase. If the microgreens have reached the size desired, the plate can be used for harvesting.



Wool mats

Soft mats are decorative and, at the same time, very practical. Scratching is prevented on sensitive stands; at the same time, the mats protect the base from condensation that can form on the bottom of the bowl. The major advantage (compared to felt) is that our material can be washed well.



Organic seeds set

Our seeds set includes 8 different varieties of micro-greens: Rosé Radish, Alfalfa, Arugula, Cress, Daikon Radish, Mustard, Broccoli, Mizuna Red. The different micro-greens have a variety of interesting flavours e.g. mild, refreshing, hot and spicy, or sweet. The seeds are free of genetic engineering. They can be grown as a single variety or mixed together – the contents of the pack are sufficient for approx. 8 sowings.

Natural, durable
materials

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Respect for
people and nature

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Made by hand
in Coburg

DENK

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