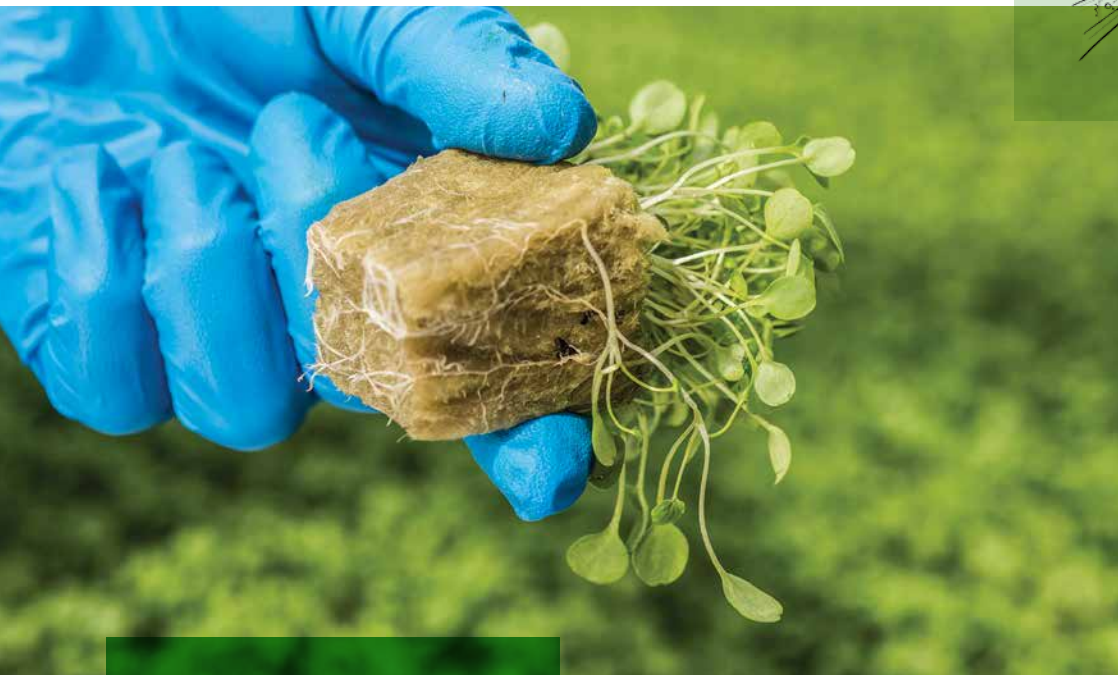


# Grodan® AO, AX and TACO plugs



Grodan plugs are known for their uniformity and reliability, providing predictable and even germination and a high success rate. Every plug offers uniform density, firmness and fibrous structure. The shape and firmness of the plugs make processing, whether manual or mechanical, significantly easier. This consistency allows for balanced distribution of water and nutrients, which has a beneficial effect on germination results and initial crop development.

## Application

Grodan plugs are ideal for growers who want fast, uniform germination and plant development, maximum plant quality, optimum handling and sustainable cultivation. The Grodan AO, AX and TACO plugs meet all these requirements.

## Product specification

- Suitable for sowing or rooting most crops
- Available in different sizes, main 3 sizes are 25x25x40mm (1 inch plug), 36x36x40mm (1.5 inch plug) and 50x50x40mm (2 inch plug)
- 2 main seed hole options; 10x10mm or 15x15mm hole
- Packaged in boxes (30 sheets)
- Also available as plugs separated into plastic trays (SBS plugs)

# 1

Uniform emergence and plant quality

# 2

Improved air/water ratio

# 3

Uniform root development

# 4

Good firmness and stability

# 5

Efficient use of water and nutrients

# Grodan AO, AX and TACO plugs



## 1. Uniform emergence and plant quality

Grodan plugs have a highly uniform fibre structure and firmness, guaranteeing excellent distribution of water and nutrients and promoting fast, uniform germination and root development. With this high-quality plug, differences within and between batches of plants are smaller than ever. More uniform seedlings result in less grading work during transplanting and accelerated plant development, enabling faster harvesting.

## 2. Improved air/water ratio

The unique fibre structure ensures an optimum air/water ratio and exceptional water and nutrient distribution. Thanks to the fast absorption of water, the plug's fibres become completely saturated when irrigated for the first time. The large pores allow for a permanent supply of fresh air and promote fast root development throughout the entire plug.

## 3. Uniform root development

The pre-drilled hole ensures that the seed remains in the centre of the plug, enabling the young roots to readily and uniformly spread out through the plug. The vertical fibre structure ensures a balanced distribution of roots, resulting in excellent plant uniformity and fast growth.

## 4. Good firmness and stability

Grodan plugs are firm and maintain their shape during handling, and constitute a stable basis during rooting and the seedling initial development. They can be handled easily by hand during grading and transplanting. This durability minimizes the risk of damage to the roots, enhancing uniformity and limiting losses.

## 5. Efficient use of water and nutrients

The plugs' steerability allows for greater control of the water content and the uniform fibre structure ensures consistent distribution and fast absorption when irrigating. That means less watering for you, and more efficient use of the water and nutrients, resulting in a more sustainable propagation process and lower costs.

Item	Description	Dimensions	Quantity	Options
Grodan AO Plugs	<ul style="list-style-type: none"> <li>• Square size plugs connected to each other at the top of the plug forming a sheet fitting a 10/20 tray</li> <li>• Plugs have a tapered bottom, for improved transplanting</li> <li>• Ideal plug for the growth of lettuce, leafy greens and herbs in hydroponic systems</li> <li>• Great to use for germinating any seeds in or starting your cuttings in</li> </ul>	<ul style="list-style-type: none"> <li>• AO 25/40 - 25*25*40mm (1*1*1.6")</li> <li>• AO 36/40- 36*36*40mm (1.4*1.4*1.6")</li> <li>• AO 50/40- 50*50*40mm (2*2*1.6")</li> </ul>	<ul style="list-style-type: none"> <li>• AO 25/40, 200 plugs/ sheet, 6000 plugs/ carton</li> <li>• AO 36/40, 98 plugs/ sheet, 2940 plugs/ carton</li> <li>• AO 50/40, 50 plugs/ sheet, 1500 plugs/ carton</li> </ul>	<ul style="list-style-type: none"> <li>• No holes</li> <li>• 10/10 seedhole (10mm diameter, 10mm deep)</li> <li>• Ask your Account Manager about other seedhole sizes</li> <li>• Other height options of plug possible</li> <li>• Plugs loose filled into tray (SBS)</li> </ul>
Grodan TACO Plugs	<ul style="list-style-type: none"> <li>• Same great benefits as the AO plugs, only these plugs will have a straight bottom (straight cut)</li> </ul>	<ul style="list-style-type: none"> <li>• Taco 25/40 - 25*25*40mm (1*1*1.6")</li> </ul>	<ul style="list-style-type: none"> <li>• 200 plugs/sheet, 6000 plugs/carton</li> </ul>	<ul style="list-style-type: none"> <li>• 10/10 seedhole (10mm diameter, 10mm deep)</li> </ul>
Grodan AX Plugs	<ul style="list-style-type: none"> <li>• Same great benefits as the AO plugs, only these plugs will be connected to each other at the bottom and are tapered towards the top</li> <li>• Due to the wider bottom gives more stability when placed in a gutter/gully system</li> </ul>	<ul style="list-style-type: none"> <li>• AX 25/40 - 25*25*40mm (1*1*1.6")</li> </ul>	<ul style="list-style-type: none"> <li>• 200 plugs/sheet, 6000 plugs/carton</li> </ul>	<ul style="list-style-type: none"> <li>• 10/10 seedhole (10mm diameter, 10mm deep)</li> </ul>

## Grodan

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