

# **General Installation Instructions for BioD-Pillow Coir Pillow**

## **1. Pre-soaking the Coir Pillow**

Submerge the BioD-Pillow in clean water for 20–30 minutes.

Allow the coir fibers to fully hydrate and expand before use.

Place the soaked pillow in your hydroponic channel, tray, or container where the nutrient solution will reach it.

## **2. Positioning the Coir Pillow**

Lay the BioD-Pillow coir pillow flat in your system.

Ensure good contact with water or nutrient delivery lines so that the coir can wick moisture consistently.

## **3. Preparing Planting Pockets**

Gently move the coir twine strings in the outer netting of the pillow to create small planting pockets.

Insert seeds or seedlings into these pockets.

For improved germination and early growth, add a small amount of BioD-Medium soilless potting mix into each pocket.

Maintain appropriate plant spacing according to the crop being grown.

## **4. Nutrient Management**

Connect the pillow to your hydroponic nutrient delivery system.

Begin with a mild nutrient solution (EC ~0.5–0.8) suitable for seedlings.

Gradually increase nutrient strength as plants mature.

Maintain solution pH between 5.5 and 6.5 for most crops.

## **5. Field Installation for Wetland Creation**

Once plants are established and ready for field installation, carefully roll the vegetated BioD-Pillow without damaging the plants.

Immediately transport the pillows to the project site to establish quick vegetation cover.

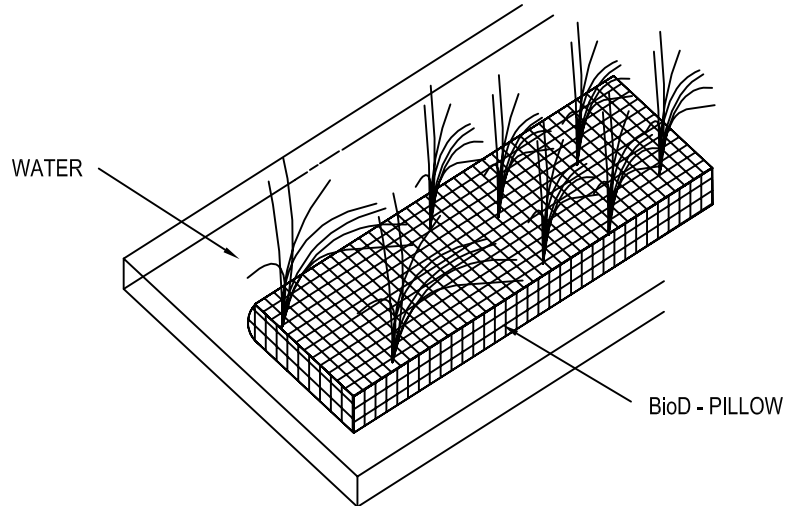
Anchor the coir pillows in place using 18-inch oak stakes or pine wedges for stability.



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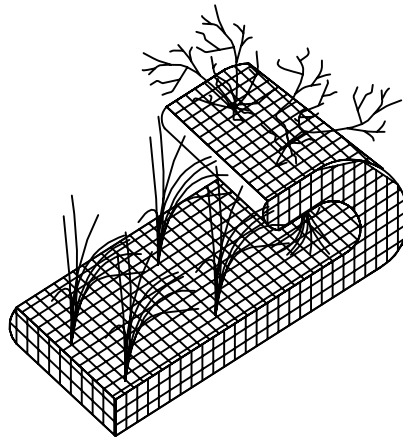
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FIGURE1



GROW VEGETATION ON PILLOW (HGDROPHONICALLY)

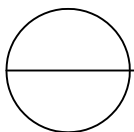
FIGURE2



ROLL AND TAKE TO THE SITE WHEN GROWING PLANTS  
HAVE SUFFICIENT ROOTS DEVELOPMENT

NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.
3. LIVE PLANTS AND CUTTINGS SHOULD BE USED IN EITHER SITUATION.



**STUFFED COIR REVEGETATION / SEDIMENT TRAP PILLOW**

WITH LIVE PLANTS AND CUTTINGS