

General Installation Instructions for BioD-Weedmat for Trees

1. Product Overview:

BioD-Weedmat is a natural and biodegradable weed-control mat made from 100% natural coir fiber. It suppresses weed growth, conserves soil moisture, and decomposes naturally over time, enriching the soil without the need for removal.

2. Site Preparation

Upon planting the desired trees, clear the planting area of weeds, stones, and debris. Spray an herbicide, if necessary.

Level and lightly loosen the topsoil to improve water infiltration and root growth.

3. Laying the Weedmat

Position the BioD-Weedmat around the tree. Opening the split and dress around the tree.

4. Securing the Mat

Smooth the mat so it sits flat on the ground and makes full contact with the soil.

Anchor it with landscape staples or biodegradable pegs, place one anchor at each corner for 20-in square weedmat and every 15 inches along the edges for 30-in square weedmat.

5. Maintenance

Inspect after strong winds or rain and re-anchor any lifted edges.

The BioD-Weedmat will biodegrade naturally over 18–36 months, depending on site conditions, eliminating the need for removal.



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FIGURE1

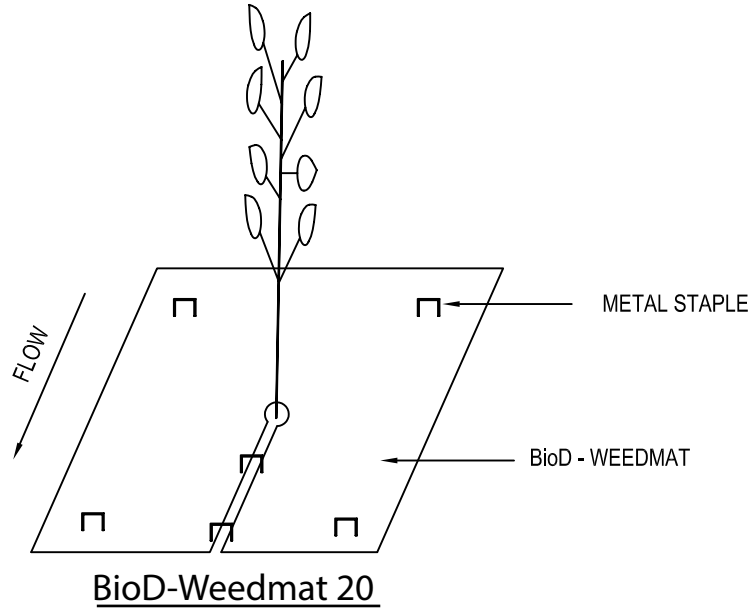
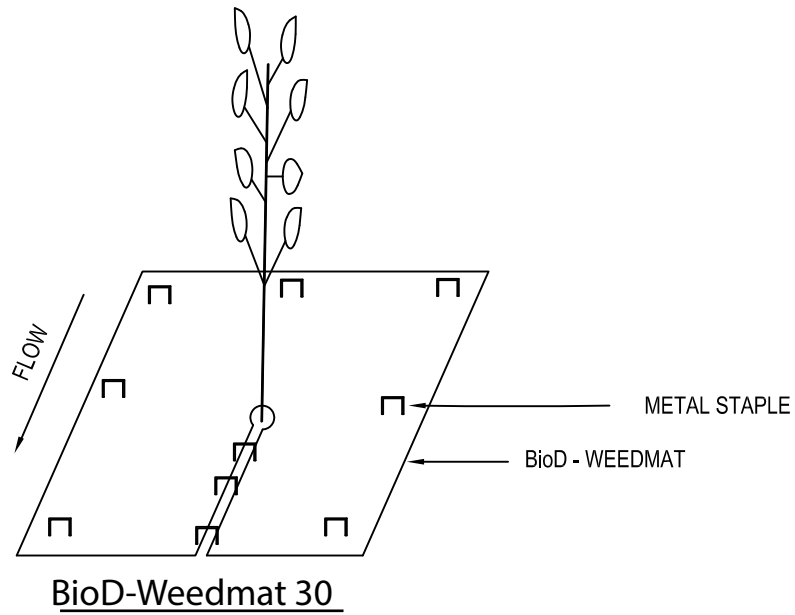
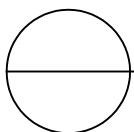


FIGURE2



NOTES

1. DO NOT SCALE DRAWINGS.
2. MAY USE METAL STAPLES OR WOODEN STAKES.



INSTALLATION OF BioD-Weedmat

General Installation Instructions for BioD-Weedmat rolls for Perennial Landscaping.

1. Product Overview:

BioD-Weedmat is a biodegradable coir fiber mat designed for large-scale weed suppression in plantations, orchards, vineyards, and reforestation projects. It allows water and air to penetrate while preventing sunlight from reaching the soil surface, thereby reducing weed growth naturally. Over time, the mat decomposes and enriches the soil with organic matter.

2. Site Preparation

Clear all weeds, rocks, and debris from the area. Spray an herbicide if necessary. Prepare the soil by tilling or loosening the surface to improve aeration and water absorption. Mark planting spots or rows according to your planting layout (tree spacing, crop row distance, etc.).

3. Mat Placement and Cutting

Roll out the BioD-Weedmat along the area needed to be covered. Cut holes in the mat where you need to plant perennial ground covers (4-in plants are recommended). Place the mat so it sits flat and centered over the planting spot, ensuring full ground contact.

For continuous coverage overlap mats by 2–3 inches along edges and ends to prevent weed intrusion through gaps.

4. Anchoring

Secure mats using 12-in long wooden wedges, or 8-in long U-shaped landscape staples. Recommended spacing: every 15–20 inches along the mat edges and at all overlaps. Ensure corners and edges are well-fastened to resist wind lift and water flow.

5. Planting

Insert the plant through the opening in the mat. Firmly press the mat around the base of the stem to block light and suppress weed growth. Backfill around the root zone if needed, ensuring good soil contact under the mat.

6. Finishing Touches

Apply a light mulch layer (optional) to improve appearance and retain soil moisture.

Water thoroughly after installation to help the mat settle into place.

7. Maintenance

Inspect mats periodically, especially after heavy rain or strong wind. Re-anchor any loosened areas. BioD-Weedmat will biodegrade naturally over 24–36 months, adding organic matter to the soil without requiring removal.