



Organic Germination Mats

The **HollandBioMat** has been specially developed to hold a **perfect ratio of water and air**, optimal for seed germination and support and stabilize roots. The organic HollandBioMat is a **lightweight biobased germination mat** that absorbs water in perfect balance with air and retains it for healthy root development.

The HollandBioMat is tailored for **vertical farming** and is extremely suitable for the cultivation of **cresses and baby leaf greens**. It is 100% compostable and clean in use.

THE HOLLANDBIOMAT:

- ✓ is flexible, therefore won't damage the plant;
- ✓ remains compact, does not break apart;
- ✓ is clean in use at home and in the kitchen;
- ✓ is pH-neutral and available sterile;
- ✓ can be stored unconditionally;
- ✓ is fully compostable;
- ✓ does not dry out and can always be wetted again;
- ✓ stimulates strong root growth and prevents premature dropouts;
- ✓ saves on water, fertilizers and energy;
- ✓ is suitable for manual and automated processing;
- ✓ is designed for vertical growth systems;
- ✓ less moss and/or algae will grow on jute;
- ✓ holds water for transport.

Mats are available with or without our patented water regulating Bio-flakes.



smart organic growing

HollandBioProducts contribute to sustainable production of healthy and safe fresh produce for consumers. HollandBioProducts can be produced tailormade to your requirements, are 100% compostable and fully biodegradable and require less water and nutrients.

HOW TO USE OUR PRODUCT:

- At first watering ensure the product is fully saturated.
- Before seeding, water overhead on top if needed with water including nutrient solution (only if the first step is just water).
- Seed the seeds on top of the product. For certain seeds it is better to press them into the medium.
- Dress of the seeds with some vermiculite. It is not needed for all seeds.
- Mist/water the vermiculite so that the vermiculite is also wet top and bottom.
- Place the trays in germination rooms.
- After germination place the trays in the grow chambers and reduce watering to ensure root and plant development.



check out our website
for more information