Novamont produces Mater-Bi with renewable resources such as starches from different non-GMO crops: corn and other cereals, potatoes, and vegetable oils.

Mater-Bi complies with international biodegradation and environmental standards such as EN 13432 by Vinçotte and ASTM D6400 by BPI, which guarantee complete biodegradation in soil without any toxic residues.

The Bio360 compostable mulch film uses Mater-Bi, a starch-based material. It is an environmentally efficient alternative to traditional plastic mulch films.

At the end of the season, the Bio360 does not need to be removed—the temperature, humidity, and microorganisms in the ground turn the Bio360 into water and carbon dioxide.

The Bio360 has the same properties and benefits as plastic mulch films, but with no negative impacts on the environment and no removal, recycling or landfill costs.
Features

- Eliminates weeds
- Increases soil temperature and allows rapid root growth
- Prevents erosion from water
- Protects fruits and vegetables from direct contact with the ground so that crops remain clean with less plant diseases
- Does not need to be removed or disposed of at the end of the season, thus saving time and money
- Does not pollute the soil

Applications

- The Bio360 can be laid with minimum tension and perforated with the same machinery used for traditional plastic films
- Different thicknesses according to your soil/crop types
- The biodegradation rate depends on film thickness, climate, and soil type
- The biodegradation occurs when the ground is at 10° C (50° F)
- Several roll widths (from 24” to 80”) and lengths
- Available in black, clear, and white on black