

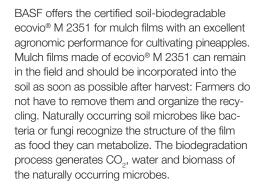
D - BASF

We create chemistry



For sustainable cultivation of pineapples:

Mulch films made of ecovio® M 2351



Tailor-made material:

- Certified soil-biodegradable according to EN17033 and ISO 23517
- Recommended thickness 25 µm depending on the location, macro perforation possible
- Recommended color: black
- We recommend to add 12 % of BASF masterbatch black, which corresponds to 4% carbon black
- Detailed research about the bio-degradation process available
- ecovio® M 2351 does not contribute to persistent microplastics in the soil

Very good performance in the field key advantages compared to bare soil:

- Higher soil temperature and thus earlier development of pineapple plants
- Water and herbicide savings

- Protects fruit from soil contact
- Higher yield

Easily adaptable to pineapple production suggested usage:

- · Can be laid out with standard laying out equipment
- Recommended irrigation, if needed: drip irrigation
- Manual and mechanical transplanting possible
- Manual harvesting
- Mulch film should be incorporated into the soil immediately after harvest to complete the soil-biodegradation process
- Can be applied in all regions

Sustainability benefits:

- · Contribution to microplastics prevention: soilbiodegradable mulch films made of ecovio® prevent persistent microplastics in soil often caused by thin conventional mulch films made of polyethylene (PE), which cannot be fully recollected and recycled.
- · Maintaining yield stability and health of agricultural land: extensive internal and external studies have shown the mechanisms of soilbiodegration of mulch films made of ecovio® M 2351 as well as also identified and analyzed the responsible microbes that are present in agricultural soils and driving the biological degradation process.







BASF SE

Global Marketing Biopolymers 67056 Ludwigshafen, Germany E-mail: biopolymers@basf.com

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