



# Bioska Biodegradable Mulch Film



## Properties of Bioska Mulch Film

- 100% biodegradable and compostable according to EN13432
- Colours used in film and printing are biodegradable
- Made from biopolymers based on renewable raw materials (starch based)
- Free from genetically modified organism (GMO-free)
- Breaks down by soil microbes in a matter of few months, depending on soil and climate conditions

## Savings with Bioska Bio Mulch Film

- Accelerates growth of plants and crops
- Prevent the growth of weeds
- Retains optimal water, moisture and temperature in the soil
- ▶ **No need for weeding or use of herbicides and pesticides**
- Film is plowed into the soil after harvesting
- ▶ **No need to collect and dispose or recycle the film**
- ▶ **Less time is needed for preparing the soil for next crop planting**



# Bioska Biodegradable Mulch Film

**100% biodegradable Bioska Mulch Film saves time, reduces costs, and helps to improve the productivity**

## Benefits of Bioska Mulch Film

### Keeps the soil moist and warm

- Earlier crop and improved productivity

### Prevents the growth of weeds

- No need for weeding or use of herbicides and pesticides

### Protects the mature crop from soil contamination

- Reduces produce spoilage and rejection levels
- Less crop preparation costs for reselling

### After harvesting, residues of film is plowed into the soil or compost with plant residues

- Rest of bio mulch film breaks down by soil microbes
- No need to collect and dispose or recycle the film
- Less time is needed for preparing the soil for next crop planting
- No accumulation of plastic pieces in soil or in environment

## Use of Bioska Mulch Film on Fields

- Film can be used both for seeding of crop and planting of seedlings; ideal for one-year crop
- Mechanical laying of film using existing machinery is an easy operation
- Fewer reel changes, and less downtime with thinner film, which increases film capacity per reel

## Know-How of Biomaterials – since 1997

- Production and product development of biodegradable and compostable Bioska products since 1997
- Bioska Mulch Film is produced by Plastiroll since 2003 in Finland
- Production process of Bioska bioplastics is CO<sub>2</sub> neutral
- Quality Management Systems certified according to: ISO 9001, ISO 22000 and ISO 14001



Bioska Bio Films are tested and certified according to the EN13432 standard.



[www.plastiroll.fi](http://www.plastiroll.fi)

