

TAPIOPLAST® for STRAWBERRY CULTIVATION WITH ECO-FRIENDLY BIODEGRADABLE COMPOSTABLE MULCH FILM



STRAWBERRY CULTIVATION

The global production of strawberries was about 8.9 million tons a year. The top 10 countries for the production are China, USA, Mexico, Turkey, Egypt, Spain, Russia, South Korea, Poland, and Morocco. China is the largest producer with 3.2 million tons followed by USA and Mexico with 1 and 0.8 million tons, respectively. Strawberries can be planted in both open fields and greenhouses depending on season and country. For open field cultivation, the strawberry crop is planted only one season per year. Thus its price in the off-season is higher.

Nowadays, strawberry is cultivated in greenhouses that can be harvested all year round.

In general, black mulch films are used in strawberry cultivation, which is transplanted with single or double rows on raised bed spacing between each plant 25-30 cm and 40-45 cm in the inter-row. The recommended soil bed is about 1-1.5 m in width and 15-20 cm in height.

TAPIOPLAST® MULCH FILM FOR STRAWBERRY

Black **TAPIOPLAST®** mulch film with a thickness about 20 microns is recommended for a greenhouse plantation while a greater thickness of about 25 microns is recommended for open field cultivation.

Some field experiments suggest that **TAPIOPLAST®** mulch film provides;

- Effective covering of the beds
- Controllable humidity in the soil
- Weed control
- Spoilage prevention of strawberries from contact with the soil.

Currently, non-biodegradable films are mostly used for strawberry crops resulting in a very large amount of plastic waste after crop harvesting especially, with greenhouse strawberries.

The **TAPIOPLAST®** mulch film can provide the right solution for sustainable farming by soil biodegradation property. It also helps reduce collecting cost of disposable mulch film.



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