

AGENAMULCH

The process of laying out and retrieving conventional mulch films is very time-consuming and costly for agricultural businesses. This is why interest in compostable alternatives is growing. In contrast to polyethylene (PE) films, the compostable variant such as AGENAMULCH does not require the film to be collected and no microplastic residues remain in the soil. Sustainability, the responsible use of renewable raw materials and a functioning circular economy are core values at AGRANA. As a reliable partner to agriculture, it was a logical step for us to develop mulch films based on thermoplastic starch – functional in the field, environmentally friendly in decomposition.



AGENAMULCH – Natural in use.
Sustainable in the cycle.

In the certification process



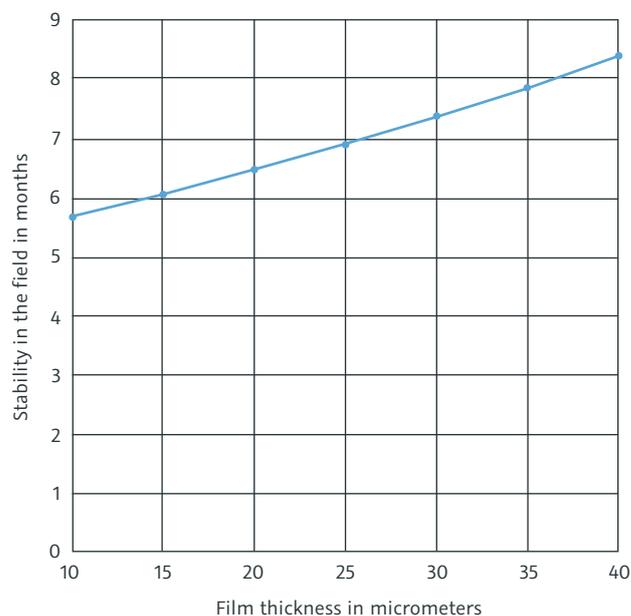
PRODUCT PROPERTIES

- Easy handling: film application like PE mulch films
- Time saving: easy incorporation after harvesting
- Fully biodegradable, PLA-free
- No microplastic residues in the soil

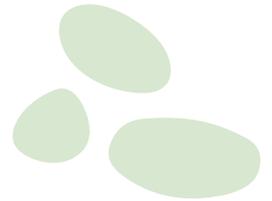


DEGRADABILITY:

Influence of film thickness on the degradation rate in the field:



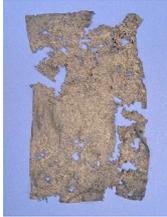
A film thickness between 10 – 40 µm is recommended.



NATURALLY IN USE. SUSTAINABLE IN THE CYCLE.

DEGRADATION-TEST:

of an AGENAMULCH film with 15 µm

REAL	DURING TERM	DEGRADATION AFTER TIME OF USE	DEGRADATION AFTER TIME OF USE	3 MONTHS AFTER THE END OF USE
WITH UV-MASTERBATCH				

**EASY TO HANDLE –
EFFICIENT –
100% BIODEGRADABLE**

APPLICATIONS

AGENAMULCH films are ideal for growing strawberries, cucumbers, pumpkins and many other crops.



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ABOUT AGRANA

AGRANA Starch looks back on a long tradition of more than 40 years in the manufacture of starch products for the food industry. With expertise in the processing of corn, potatoes and wheat, it was a logical step to also build up expertise in the production of thermo-plastic starch for the plastics industry. AGRANA Starch is your reliable partner in the field of mulch films.