



amynova polymers GmbH
innovative, natural biopolymers

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amynova polymers GmbH[®]

manufacturing company of *amylofol*[®]

2012

FOUNDED

KEY TECHNOLOGY

PATENTED

OWN

PRODUCTION FACILITY

3

DISTRIBUTION
COUNTRIES

24

EMPLOYEES

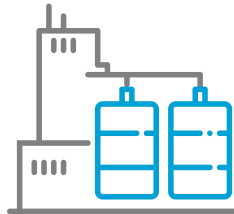
>2300

PAYING COSTUMERS

amylofol[®] - WHAT WE DO



RENEWABLE RESOURCE



PROCESSING and PRODUCTION



amylofol[®]
patented

PLATFORM TECHNOLOGY



amylofol[®] - platform technology

amylofol[®] patented



- extremely high rain fastness
- slow release fertilizer/seed coating
- **pesticide reduction**
- increasing WUE
- abiotic stress reduction
- barrier properties
- fat and oxygen
- **mineral oil migration**
- food-safe
- replacing hazardous fluoro chemicals

amylofol® - providing sustainability

RENEWABLE RESSOURCE

- pre-crop effect and soil improvement
- N-fixation [up to 30 kg/ha]

100% **BIODEGRADABLE**
CO2 REDUCTION



MODIFICATION

- low energy consumption
- no side products, no waste, no sewage

APPLICATION

- pesticide reduction
- Mineral oil migration

- Reaching EU Green Deal / „farm to fork“ goals for 2030 **TODAY**
- Herbicide reduction up to 50% with same efficacy
- Providing a mineral oil barrier on recycled paper for food packaging

CHALLENGES TO MEET/ WE MET

PAPER/ PACKAGING INDUSTRY

- mineral oil residues too high in food products
- not enough pressure from politics on paper/packaging industry
- our approach small projects with market leaders/partners

AGRICULTURE

- more investment in digitalization than in products from renewable resources
- no unique standards in the EU for registration and certification of natural, biobased products – registration process often the same as for chemical pesticides
- unique properties – products are better than common solutions

MAIN CHANGES NEEDED

- new regulations for sustainable products to gain competitive advantages
- stop of registration from side-products as “safeners” for formulation of pesticides
- higher funding, subsidies or grants from the state (VC fail)
- pro bioeconomy lobbying initiated by the state/government
- industry needs serious investment policy in sustainable technologies and no green washing
- digitalization is only a useful tool – bioeconomy is a disruptive need

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