

GROWER POTS made using CORN



instead of

PETROLEUM AS THE MAIN INGREDIENT

USDA Certified OK BioBased

Competes with Plastic in terms of COST & PERFORMANCE

Bio-based plastic is a kind of plastic which regards the renewable resources such as starch, cellulose, chitin, protein and carbon dioxide as the main raw material. It includes the plasticity polymer which is directly made of renewable resources , or which is from a natural polymer or biopolymer through the chemical and biology modification, or which blend or complex with a natural polymer or biopolymer.

PSM^R Bio-based material was tested for bio-based carbon content, the emission amount of CO₂ when burning, SGS heavy metal content and under FDA food safety. The material used in producing these garden containers has successfully obtained OK Bio-based certification.

Features of PSM^R Bio-based material

PSM^R Bio-based materials can save a large amount of petroleum resources by applying natural polymer materials such as plant starch and cellulose as the main raw materials. These materials are abundant and reproducible.

There is no waste water effluent gas or waste residue in the course of production; conformity to environmental specifications.

Products made from PSM^R Bio-based materials have good characters for use in service, such as water-proof, oil-proof, nontoxic and have high endurance for cold and heat

Featured Benefits of the Bio-Based Grower Pot

Prices competitive with Plastic little to no impact on margin dollars

Pots perform as well as Plastic in Automated Greenhouse Environments

Containers will not absorb water

Lifespan when in use ranges from 9 –12 months in a greenhouse production environment

In dry warehouse environment shelf life tested to 3 years

Allows a grower to reduce the impact of plastic on our environment one pot at a time.

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