



HEMP  
ACRES



# PLASTICS

Biodegradable plastics can be made from hemp seed oil and cellulose from the hemp stalk



Made from Hemp Plants



## PLASTI-CEL 150 & 250

- Cellulosic hemp hurd milled to a consistent 150- or 250-micron particle size
- Replaces petroleum-based components in plastic products



## HEMP SEED OIL

- Made by cold-pressing the hemp seed and filtering using natural materials
- Used to make Polylactic Acid (PLA) which is a natural polymer designed to substitute widely used petroleum-based plastics such as PET (polyethene terephthalate)



- Made from hemp grown & processed in the Midwestern US
- Hemp plastics like bioplastics, biopolymers, and biocomposites are 3.5 times sturdier and 5 times stiffer than typical plastics. They are also 30% lighter than polypropylene materials.
- Heat-resistant, excellent thermal and UV stability
- Wildlife Friendly: non-toxic and biodegradable
- Bioplastics can reduce carbon emissions by 30-70% compared to conventional synthetic plastics.

