

Industrial Hemp

A Commodity from the Past
Ready for the Future



What is Hemp?

Hemp (*Cannabis sativa*) has been cultivated for centuries

Originated in Central Asia

Found in China over 4,000 years ago

Traditionally Used for Ropes and Paper



Hemp In The 21st Century

With modern technology, hemp is the base commodity for a myriad of products



Textiles

Insulation



Bioplastic

Varnish



Hempcrete

Food

Hemp Textiles



Environmentally Friendly & Biodegradable

High Strength

Excellent Insulator

Anti-Bacterial

Hemp Bioplastics



Ecologically Sustainable & Renewable

Light & Flexible

Biodegradable

High Stiffness & Strength

Hempcrete



**Hemp-based Concrete Replacement
Material is Carbon Negative
Durable and Lightweight
Excellent Insulation Properties**

Hemp Based Food



Multiple Food Products: milk, powder, seed, cheese
Healthy Fats (Omega-3)

Excellent source of protein (10 amino acids)

Market Estimated to be US\$4.8 billion by 2026

Hemp Based Sealer/Finish



Hempseed oil used for wood sealer and wood finish

Low VOC

Excellent treatment for wood

Eco-Friendly

Hemp Insulation



Safe and Healthy/non-toxic

Comes in a range of “R” values

Contains over 90% hemp

Can be ground up/recycled at end-of-life

Hemp Benefits for Farmers



Adds nitrates/potassium to increase soil health

Grows quickly (70 days plant to harvest)

More robust than other cash crops

Grows in a wide range of soils/climates

Legal Status of Hemp



2018 Farm Bill removed hemp from controlled substances list!

THC concentration of under .3%

Interstate transportation is legal

States are allowed to regulate hemp production

Industrial Hemp Is Ready for the Future!

