

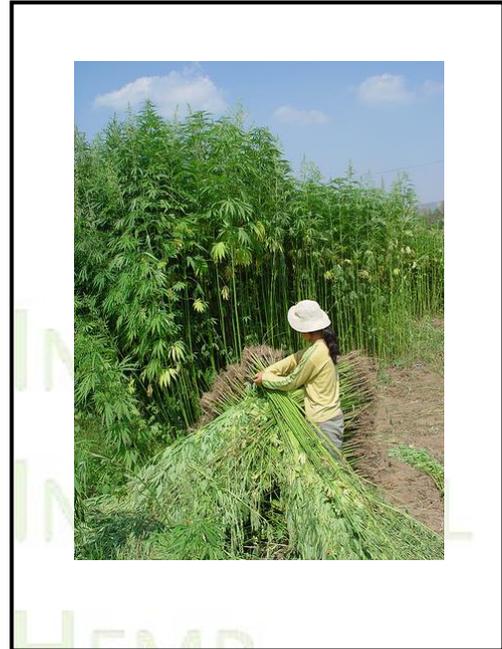
# Why Industrial Hemp?



## Hemp is legendary...

Its durability unparalleled. Until the advent of synthetics, cannabis hemp was the standard fiber of the world. In fact, the word "canvas" derives from "cannabis." Hemp is being used today by hundreds of businesses around the world - The Body Shop, Patagonia, Armani, Calvin Klein, BMW, GM/Canada and Mercedes Benz to name a few.

"Anything that can be made from a hydrocarbon can be made from a carbohydrate."



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## Hemp is durable

It's several times stronger than cotton. It's more resistant to abrasion and tears. It's more resistant to mildew, soiling, shrinkage and the deteriorating effects of the sun.

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## Hemp is renewable

Hemp grows throughout the world without pesticides or herbicides and naturally fertilizes the soil for future crops.

Hemp can be cultivated in as little as 100 days compared to the 50-500 years it can take to grow a tree.

10,000 acres of hemp can produce as much paper as 40,000 acres of trees. It makes superior paper and is considered archival in quality. Hemp produces three times as much fiber per acre as cotton without the pesticide and herbicide use.

Hemp's long tap root and nutritious qualities make it a natural for crop rotation. In fact, Hemp crops are being used in the outlying regions of Chernobyl, in Ukraine, to leach out the radioactive soil and, in turn, rejuvenating and fertilizing the soil naturally.

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### **Did you know?**

Hemp has more than 25,000 uses, including paper, plastics, composites, food, fiberboard, healthy cosmetics, paints, varnishes, clean burning fuels, solvents, fiberglass, textiles and more.

food—seeds, oil, flour

medicine—salves, anti-nausea

toiletries—soap, shampoo, lotion

textiles—clothing, towels, bedding, canvas

household products—carpet, detergent, paint, toys

industrial products—paper, concrete, insulation, fuel, car parts

### **The Hindu & The Holy Herb**

One of the fundamental texts of Hinduism, the Rig Veda, from 1500 BC, says "Drug plants preceded even the gods by three ages." Cannabis was a gift from the gods, who spilled a drop of nectar onto the earth. Where it touched the ground, the hemp plant sprouted.

The Declaration of Independence was drafted on hemp paper.

Both George Washington and Thomas Jefferson were hemp farmers and advocated hemp cultivation for the very survival of the American colonies. In fact, there was a hemp tax on landowners because of its versatility as lantern oil, cooking oil, lubricants, fabric, rope and more.

Henry Ford built a car body using hemp and other agricultural resources to demonstrate the contribution farmers could make to American manufacturing.

For centuries bibles were printed on hemp paper. (They still are today in France)

Hemp oil is the richest known source of polyunsaturated essential fatty acids (the "good" fats). It's quite high in some essential amino acids, including gamma linoleic acid (GLA), a very rare nutrient also found in mother's milk.

Hemp has been grown for the last 12,000 years for fiber (textiles and paper) and food.

Biodegradable plastics and Styrofoam made using hemp oil instead of petroleum derivatives are at the cutting edge of technology.

