

To survive, we must find ecologically stable sources of raw materials, and eliminate pollution and waste.

The answer to both problems has been here all along:

HEMP: FRIEND TO PEOPLE & ECOLOGY

Compiled by the **Business Alliance for Commerce in Hemp**

Recommended reading: *Hemp: Lifeline to the Future* by Chris Conrad

HEMP FOR ECOLOGY – Most of our basic raw materials used for home and industry today come from mining, drilling and cutting trees. Using farm crops to make the same products means that we can stop destroying our environment and still maintain our high standard of living. Hemp has thousands of commercial uses: food, clothing, shelter, paper, fuel, oils, sealants, etc.: Anything now made of wood or fossil fuel can be made more ecologically with hemp.

Hemp is a hearty, drought resistant, soil building plant that is excellent in crop rotation. Hemp does not need heavy fertilization or pesticides: In fact, an organic pesticide is even made from hemp. It plays an important role in erosion control, reforestation, weed eradication, wildlife habitat and cleaning the air. Help restore hemp and ecological balance to America.

HEMP INSTEAD OF FOSSIL FUELS & NUCLEAR POWER

Hemp is one of the fastest growing plants known, and its pulp has cellulose. "Biomass" energy can replace nuclear power and fossil fuels, preserve our oil reserves and reduce the trade deficit with no nuclear radiation, strip mining, offshore drilling or oil spills. Hemp, processed with a pyrolytic converter, can meet our wide range of energy needs: charcoal for coal; methane gas for natural gas; methanol and gasoline for petroleum; etc. These are then burned to generate electricity. Using hemp and other crops along with trash and modern technology, America can be energy self-sufficient. So long, OPEC and oil shortages!

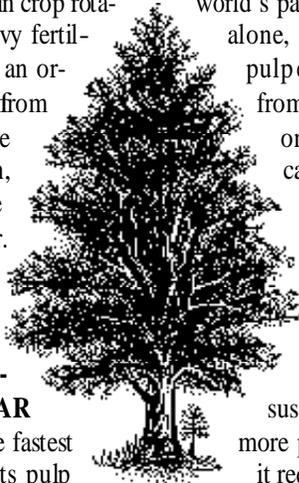
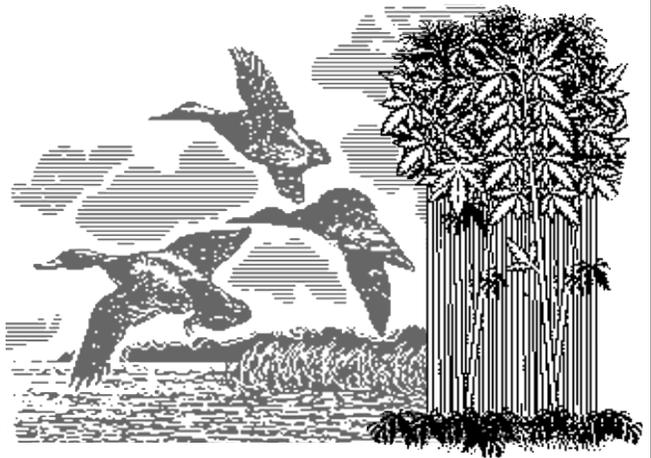
HEMP CLEANS AIR – Burning anything produces CO₂ (the Greenhouse Gas). But every year during the growing season, plant

photosynthesis turns that CO₂ back into oxygen — so using hemp biofuels actually cleans the air. And, unlike fossil fuels, hemp does not contain sulfur, a major cause of acid rain.

HEMP SAVES TREES – Hemp farming could reduce deforestation by 50% or more worldwide. Over 70% of U.S. forests have been destroyed since 1937 to make paper, lumber, or for export. Today 93% of the

world's paper is made from trees. In 1988 alone, 226 million tons of trees were pulped for paper. Yet paper made from hemp lasts much longer, uses only 10 to 20% of the toxic chemicals needed to process trees, and causes much less wear and tear on harvesting and hauling equipment. Each ton of paper made from hemp saves 12 mature trees. US Dept. of Agriculture studies show that sustainable hemp yields four times more pulp per acre than timber. Since it requires less bleach, hemp reduces dioxin pollution. Hemp can be made into fiber or particle boards to use for all types of mold making, construction and commercial fabrication.

FOOD & VEGETABLE OIL – Hempseed, 30% oil by volume, is used for food, fuel or salad oil. Its oil quality equals whale oil and jojoba. Its protein can be flavored, texturized and used as a meat substitute. The hempseed is a source of complete protein that lowers cholesterol levels and builds the immune system. It is as nutritious as soya, but hempseed is more digestible, gives higher yields and is easier to harvest. Wild animals and birds thrive on it, so sowing hemp in deforested areas can help save the wildlife.



HEMP, NOT PETRO-PLASTIC – Hemp pulp and fiber offer a biodegradable alternative to plastic for many uses. Hemp paper bags, for example, are more durable than tree pulp paper and can be reinforced with hemp fiber for all the folding and tensile strength of plastic bags. Hemp cellulose can also be polymerized to make any type of plastic product — without using petroleum.

HEMP FOR SOIL & WATER – The plant's strong roots anchor and invigorate the soil to control erosion and mudslides. Hemp plants shed their leaves all through the growing season, adding rich organic matter to the topsoil to help retain moisture. Hemp is self-fertilizing and grows on the same ground for decades without the heavy fertilizers and pesticides that corn, cotton, tobacco and others need; and that now pollute 50% of our drinking water. Unlike fossil fuels, a hemp spill requires no cleanup; it even enriches the soil.

HEMP FOR THE FUTURE – Many people mistakenly think hemp is no longer an economically viable crop. As you now know, hemp remains the most versatile and profitable crop on Earth. The legal penalties on using hemp now are just a pretext to confuse people and protect oil and timber companies from fair competition. This hurts America both financially and environmentally. Please help correct this injustice. Call your Congress member at 202-224-3121, and tell them to restore and regulate American hemp.

For more info, send \$2 + large, stamped envelope:

BACH Business Alliance for Commerce in Hemp

BACH, P.O. Box 1716, El Cerrito, CA 94530.

<www.chrisconrad.com>

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