

What is CBD Oil?

CBD or cannabidiol is most commonly derived from the cannabis sativa (hemp) plant. CBD is extracted from the flowers, leaves, stems and stalked of matured hemp plants. CBD oil can be extracted through several methods including carbon dioxide, ethanol, and even olive oil. The extraction method plays a major roll in the quality of CBD. It has also been scientifically proven to alleviate many medical anomalies.

Medical Benefits of CBD

CBD is used to help various medical conditions such as:

- Seizures
- Inflammation
- Pain
- Psychosis or mental disorders.
- Inflammatory bowel disease
- Nausea
- Depression
- Migraines
- Anxiety

HEMP PRODUCTION PROCESS



LOVINGTON
Economic Development Corporation

Hemp 101

An Educational Guide on Hemp

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Industrial Hemp

There is a common misconception that hemp and marijuana are the same which is both true and untrue. Even though they are both Cannabis sativa L., industrial hemp is the non-psychoactive, low-THC and high-CBD oilseed and fiber varieties of the Cannabis sativa plant. Marijuana on the other hand contains high percentages of THC and is psychoactive. On December 20th 2018 the President signed the 2018 Farm Bill making hemp legal in all fifty states.

What is the difference between *THC* and *CBD*

CBD (cannabidiol) is non-psychoactive chemical compound that is found in hemp. *THC (tetrahydrocannabinol)* is the main cannabinoid in psychoactive cannabis which makes people “feel high”.

What is Industrial Hemp?

THC occurs in all forms of the Cannabis sativa plant. However, THC occurs in very low levels in industrial hemp. In order for hemp to be considered legal industrial hemp, THC levels must be less than 0.3% and must be female clone plants. Hemp has over 50,000 different possible applications!

Textiles: Clothing, diapers, handbags, denim, shoes and fine fabrics.

Industrial Textiles: Rope, canvas, tarps, carpeting, netting, caulking, and molded parts.

Paper: Printing, Newsprint, cardboard, and packaging.

Food: Bakery, dietary supplements, beer, protein powder, granola, milk/dairy, cooking/seasoning oil and flour.

Building Materials: Oil Paints, varnishes, printing inks, fuel, solvents, coatings, insulation, acrylics, fiberglass substitute

Body Care: Soaps, shampoos, lotions, balms and cosmetics.

Can you get “high” from smoking Hemp?

You may be asking yourself if it is possible to get “high” from smoking Hemp. The answer is NO. It is impossible to get high from smoking hemp due to the low levels of THC that is strictly monitored by the U.S. Department of Agriculture. **Therefore, it is impossible to get a “high” from smoking hemp or using CBD oils.**

Hemp World History

Hemp has always been an important crop to civilization. Hemp is often thought to be the first domestically cultivated plant with evidence of Hemp fabric dating to 8,000 years ago found in Turkey. Hemp was also used for textile fiber in China around 4,500 years ago.