



What is the difference between hemp and marijuana?

Hemp and marijuana are the same plant. The major difference is that hemp is a mixture of male and female cannabis plants, and its flowers produce less than 0.3% THC. Hemp plants also tend to be taller and contain more fiber in their stalks. For this reason, hemp plants are often used to make textiles and can be used to make very strong forms of concrete.

HEMP vs MARIJUANA

HEMP AND MARIJUANA BOTH DERIVE FROM THE CANNABIS SATIVA FAMILY, THEY DO SHARE CERTAIN SIMILARITIES. HOWEVER, DUE TO EACH PLANT'S BIOLOGICAL STRUCTURE, THEY HAVE SEVERAL VERY DISTINCT AND CRUCIAL DIFFERENCES.

HEMP	MARIJUANA
 <p>Product</p> <ul style="list-style-type: none"> • CBD oil • Hemp oil • Cannabis oil (made from hemp) <p>Contains</p> <ul style="list-style-type: none"> • 0.3 % or less of tetrahydrocannabinol (THC) 	 <p>Product</p> <ul style="list-style-type: none"> • THC oil • Marijuana oil • Cannabis oil (made from marijuana) <p>Contains</p> <ul style="list-style-type: none"> • 15 - 20 % of tetrahydrocannabinol (THC)
<p>Characteristic</p> <ul style="list-style-type: none"> • Hemp and industry hemp refer to the strain of cannabis plant that is grown for agricultural products such as textiles, seeds and oils. • Can grow in most climates, bunched together with other plants, requires little care. • Can grow as high as 20 feet with leaves bunched near the top of stem. • No psychoactive properties 	<p>Characteristic</p> <ul style="list-style-type: none"> • Marijuana is known for its flowering tops of the plant. The flowers are typically bred to have a high THC. • Growth is carefully monitored, controlled in an isolated, warm, humid area to maximize psychoactive uses. Cross-pollination can ruin THC content. • Shorter, resembles a bush, with more leaves and buds surrounding the plant's body • Psychoactive side effects.

On the other hand, marijuana plants are mostly bred as female plants that produce more than 0.3%, and up to 30% THC. Although the hemp plant contains very little THC, it is very rich in CBD. Because the 2018 Farm Bill legalized hemp¹, CBD from hemp is available outside of state-sponsored medical cannabis programs and can be obtained from vendors on the internet and from brick-and-mortar stores. However, unlike CBD from marijuana, hemp-derived CBD is not required to be tested for purity and may contain less CBD and more THC than advertised.

1 <https://www.brookings.edu/articles/the-farm-bill-hemp-and-cbd-explainer/>