



Development Network Associate

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Experts in Hydro Agric and Cannabis Growing, Processing and Marketing

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How Cannabis grow and market in Israel

Today cannabis is widely used throughout the world, in Israel this is illegal for the general population, but only for patients with special permission to buy cannabis in designated stores.

In Israel there are 9 companies working under license to grow medical cannabis. Each of these suppliers was approved by the Ministry of Health to grow and market the cannabis plant. Suppliers are subject to constant supervision by the Israel Police and are authorized to grow certain varieties of cannabis in a limited number. Cannabis is grown only for certain patients who have been allowed to consume medical cannabis and have passed the Medical Committee for the consumption of dangerous drugs.

Why is cultivation illegal and permitted to all?

The use of cannabis has been banned in Israel because of its psychotic effects on humans. The active substance in cannabis THC binds to specific receptors in the human brain and causes hallucinations and pleasure. In recent years more and more studies have been emerging on the positive effects of cannabis in cases of various diseases and syndromes. Many studies show an improvement in the condition of patients with moderate to severe chronic conditions of quality of life and a slowing down of the disease.



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Medical Cannabis

The cannabis plant has a wide range of uses, one of which is medical use. Cannabis means cannabis consumed by an indication of a conventional physician. This use is supported by legal authorities and it is not about a regular cannabis plant or about consumption as much as one might think.

The medical cannabis should be taken according to the doctor's instructions and at a dose that is prescribed as optimal for the patient's body structure and condition.

For medicinal purposes, Cannabis strains with higher CBD percentages than regular strains and those with a much higher THC percentage than conventional cannabis are commonly used, depending on the patient's condition and, where necessary, cannabis consumption.

What are the main differences between medical cannabis and regular cannabis used only for pleasure?

The main difference between a medicinal cannabis plant and a normal cannabis plant is expressed in the THC rate. In cannabis, it is 12% higher. A Cannabis plant with a lower THC level will not be considered a plant with any medical effects.

Beyond the amount of active substance (THC), there are other differences between normal and medical cannabis. These differences are expressed mainly in the form of consumption and acquisition. A person authorized to provide a person with a license to consume medical cannabis is a physician authorized by the Dangerous Drugs Ordinance.

Nine such agricultural companies operate in Israel, which are required to meet all the strict criteria of supervision and follow-up.



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What effects does medical cannabis have?

When consuming medical cannabis there is a calming effect, so it is considered an effective drug in some cases of attention deficit disorder. Also, the use of medical cannabis reduces symptoms of oncological diseases, muscular dystrophy, Alzheimer's, Parkinson's disease, AIDS and chronic pain. In addition, it helps in post-trauma situations, reduces depression, acts as an anti-inflammatory, nausea, vomiting and encourages increased appetite.

Short Summary

The medical cannabis reform in Israel was approved in June 2016 by the Israeli government. Regulation of cannabis regulates the use of medical cannabis for medical and research purposes while maintaining appropriate conditions for medical cannabis. Any action in the cannabis plant including growth, production, distribution, possession, transport, laboratory testing, issue or research of the cannabis plant or its products is subject to appropriate licenses from the Medical Unit for Medical Cannabis of the Ministry of Health. The number of places to grow, but anyone engaged in the industry will be required to hold designated licenses and to operate according to binding standards of quality. Cannabis - Cannabis is grown only in a cannabis farm, in suitable growing houses, that will hold a valid license under the Dangerous Drugs Ordinance. Any grower may only take Cannabis out of the ranch to a licensed manufacturing plant

Advantages of hydroponic growth

1. The first advantage is the lack of the need for land. Land is an expensive commodity and requires great care so that it will not cause harm. Soil needs constant rotation of fertilizers and ventilation to allow the plant to grow properly.



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2. Another obvious advantage is the fact that there is a full cycle of water, all the water used in the same campaign. This saves a lot of water because it can be reused, in this way you can control the water very efficiently.

3. Hydro growth provides control over the amount of nutrition and fertilization, when we optimally visit the amount of fertilizer that the only fertilizer that comes to the system is from the fertilizer and not from the ground. We place the fertilizer in a controlled container and we can save it and not overdo it so as not to damage the plant.

4. There is no ecological and environmental pollution because of the controlled system, the excessive fertilization and the introduction of materials in an aggressive and unnatural way to systems such as water and soil cause ecological damage due to the fact that the system contains no soil and is isolated from the rest of the environment.

5. Stable and controlled returns, depending on the amount of fertilizer, water and light you give to the plant, you will expect a stable return according to your needs. In general, Tnuva is also larger than an increase in soil per square meter.

6. Treating damage, pests and diseases is simpler. Hydroponic crops are made inside a portable container, making it easier to clean and treat the plants. Besides, if you grow several species or plants and they are in separate containers, they usually do not infect each other and transmit the disease.

7. There is no risk of damage to the environment or to the grower and the working forces from dangerous pesticides that are used extensively when it comes to regular crops.

8. The plant can be grown where the soil or weather conditions are not suitable, since all plant conditions can be controlled by means of advanced technological systems.



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9. In agricultural experiments, hydroponics have a great advantage. Hydroponics give their growers the possibility to create the same conditions for all crops - a very important thing in any pilot project.

There are some 101 types of Cannabis for the different uses with different percentages of CBD and THC



And more...