



The Company

CanOmix Ltd. is an Israeli licensed cannabis research and development company. The company focuses on breeding of specialized cannabis varieties and development of smart solutions, for cannabis growers and breeders.

The company leads by Dr. Noam Chehanovsky, PhD in plant sciences and cannabis expert. Our team is composed of experienced cannabis growers and developers.

Cannabis breeding platform

Breeding is the art of creating new strains, by cross-pollination of different plants, mixing their genetics and selecting the best performing descendants.

Today, amateurs breed cannabis in the traditional way, according to their personal taste. It is an inaccurate process, wasteful and laborious, with mediocre results.

CanOmix breeding technology brings science into art, opening a new era in cannabis breeding. Developed by highly skilled plant geneticists and cannabis growers, the platform designed to meet the special characteristics of cannabis. The core technology is a combination of proprietary genetic markers, special breeding tools and cutting-edge technologies. We utilize our deep understanding in cannabis and our proprietary tools, to breed specialized cannabis varieties, in the most accurate and cost-effective way.

Our technology implemented in Colorado and Canada. We offer collaborations worldwide.

Genetic markers

Genetic information is invaluable in plants breeding. The genetic code contains the information that determines the plant's characteristics. Therefore, "reading" these genes helps in making wise decisions. Our genetic markers identifies specific genes on the plant's DNA, allowing an early selection of only desired plants, leading to a significant save of resources.

The company holds IP of genetic markers for identification of the main cannabinoids and the plant's sex. New markers are under development using innovative DNA technologies.

Solutions for home gardeners (EZ-solutions)

Many home growers cultivate cannabis over the world as a hobby. However, because of the plant's complexity, only few breed and develop new strains. EZ-solutions line provides smart solutions for the home gardener, optimizes the growth process, allows every hobbyist to produce seeds and breed his favorite strain.