Seed to Shelf: The making of CBD

The greenhouse
Hemp plants are raised in a greenhouse. The mother plants are raised from seed with precisely controlled light so they don’t go to flower.

“Clones”
Clones (tips of the mother plant’s branches) are clipped then dipped in rooting hormone and put into a soil pod. It’s a delicate process with precise water, temperature and oxygen levels monitored.

Fall harvest
Full-grown plants are removed from the field by hand, then transported to a drying facility, where plants are hung in a temperature-controlled facility for two to four weeks.

After drying
The plant is trimmed of all the buds (where the CBD is located) by hand. The leaves and stems can be used for other products like animal bedding, rope, etc.

Once trimmed
The buds go through a grinding process through a CO2 extraction machine, which uses extremely high pressures at an exact temperature, which draws out the CBD. After, the CBD is in a “crude oil” stage, the product is further refined to get a high quality CBD concentrate.

Diluting
Small amounts of the CBD concentrate is diluted with ingredients like coconut oil, beeswax, shea butter, etc.

ROBERT McLEAN/The Daily Sentinel

Source: Joey Coleman, KAI CBD