

Hemp

Rob Scott

The following are the first few pages of “Hemp”

by Rob Scott

Brief History of Hemp

Every recorded dynasty throughout all of history required of and instituted upon conquered lands to grow hemp, for the enrichment of the ruling nation. Hemp is the historically proven first official cash crop of the world. It originated in Northern China in 10,000 BC. Ancient Greeks and Romans spread the growth of hemp throughout all of Europe to ensure enough was harvested to equip ships with sails and ropes for fleet expansion. Great Britain instituted hemp on every controlled land across the world to provide enough supply of canvas sails and ropes for their global fleet of vessels. America grew vast acres of hemp for the purpose of supplying Great Britain with its fiber. While America banned the cultivation of hemp in 1937, during World War II, in 1941 America was cut off from hemp supply lines by Japan and it was determined that hemp was a strategic national product and that it should be stockpiled, so hemp production returned to the United States for just a few short years. America passed the 2018 Farm Bill removing hemp from prohibition and allowed for the registered and controlled cultivation of it. The Bill, defining that States inspect and measure hemp production, was designed for large-

scale farming, it was never intended for what George Danback created with his “\$50,000 in your backyard” billboards spawning micro-farming among backyard hemp gardeners everywhere.

Etiquette of Taboo

You are not supposed to drive a car valued at more than a year's salary. George Danback drives a 2022 Mercedes Brabus 800 Coupe, which costs \$400,000.00 but leases for \$8,000.00 per month since leasing a vehicle is one hundred percent deductible from income as a business expense. George barrels down the highway like he always does, he has been driving for several hours having left the Tunica Convention Center around eight o'clock in the morning. Every October the annual Hemp Convention is held in Tunica just outside Memphis. Tunica has nine casinos built on floating barges in manmade lagoons, some several hundred yards from the Mississippi River. It is a gambling mecca. George is known as a Canna-Broker, he buys and sells all things Cannabis, and Hemp is his bread and butter living maker.

“This is George” he said as he answered his cell phone while driving south on I-69 near Cleveland, Texas, “How may I help you?”

“Yes, George, this is Frank Smith. I got your flyer saying \$50,000.00 in your back yard. Exactly how does that work?”

“It’s just hemp, Frank. Do you have 5,000 square feet in your backyard?”

“Yes, more like 8,800 square foot.”

“Well then, Frank, you too can generate \$50,000.00”

“So, is it drugs then that I will be growing for you?”

“No, Frank, far from it, just hemp, a pulp, paper and textile product. Grows about fifteen feet tall, it will seclude you from your neighbors for certain.”

“George, how is that worth fifty grand a year?”

“Well, hemp produces ten times more paper fiber than trees do per square foot.”

“And paper is worth that much now?”

“Well, Frank, ten years ago a case of copy paper was \$9.90, today it is \$56.00, it’s gone up 565%.”

“So how do I do it exactly?”

“Frank, you prepare the backyard by removing your grass and getting down to bare dirt, then I sell you 25 seeds per square foot for a penny a piece, then you plant those seeds in February and water them and in October you harvest it. There are seven components that it will produce. The flowers are collected, the seeds are picked off the flowers, the flowers are dried and trimmed into colas, the

stalks are pressed and juice collected, the roots are pressed and juice collected, the stalks are separated into fiber and hurd.”

“Does it cost much, George, to do this?”

“The only outlay you will be responsible for are purchased in intervals and they don’t cost very much. The license costs \$100.00 every year; the 125,000 seeds at a penny a piece runs \$1,250.00; the liquid is accumulated into fifty-five five-gallon buckets, which run about \$250.00; two super sacks at \$25.00 each; a \$500.00 sugarcane juicing press which will last forever and a \$300.00 annual sampling fee. The seeds grown will replenish your needs every year. So, after the initial cost of \$2,050.00 your annual expenses will be \$500.00 in license fees and \$300.00 in pails and sacks.”

“When I make the seven products, how do I get them to market?”

“Well, Frank, that’s the beauty of the whole operation, you make one phone call, to me, and then all is taken care of and you get your \$50,000.00 check all at once.”

“Is it really that simple, George?”

“Yes, Frank, it is.”

Hemp is legal to grow in all fifty States, it is only slightly different than Marijuana or Cannabis in that it has THC levels of less than 0.3%, it will not get you high. But a processor can take the flower and concentrate the THC and produce a quality THC laden product that will get you high. Crude hemp oil which comes from the stalks of the plant is refined and used to make CBD products. Crude hemp root juice comes from pressing the juice out of the roots of the plant and that juice contains high concentrations of Glycoside, which is used to treat heart failure and irregular heartbeats. Fiber is used by pulp, paper and textile companies and the woody hurd is used by the construction industry to make particle-board and used in hemp-crete. Every bit of

the whole plant is used to make something valuable. CBD can be consumed from the dried and trimmed flowers, or colas, by smoking them. The dark colored juice or crude oil pressed out of the leaves and stalks can be heated for a time and consumed as a tincture of CBD. The seeds can be packaged in bags of 25,000 seeds and sold to would be hemp farmers for their backyard endeavors.

Hemp is a regulated industry; you have to have a license from the State to cultivate it. In order to obtain a license you have to prove how it will be taken to market and distributed and to whom it will be sold to. George Danback solves these problems for his client-growers. For his services George consumes ten percent of the brokered value of the transactions for his income. George distributes flyers at every hardware store and feed store and plasters his message on billboards all throughout East Texas. In 2022, George had 112 growers of hemp product but the billboards were garnering more clients at a faster rate.

“George, what does it mean, this here wording about ‘dried flower’? And, what the hell is a cola?”

“Well, a flower that is picked from the hemp plant has to be cured by drying it slowly, over time, so as not to allow it to become crispy through heat, nor moldy. It has to be done just right. A ‘cola’ is the trimmed ‘bud’ of the flower. When you harvest the flowers, they are wet and full of resin, and they have to be trimmed carefully and dried naturally.”

“How does one trim a flower and dry it naturally?”

“For \$150.00 per pound of finished trimmed and dried buds, I will show you.”

“I weighed the flower I picked from my yard and all and it weighs over 500 pounds!”

“But see, that is wet weight, you only get to count the finished, dry weight. That 500 pounds will actually turn into 300 pounds of dried, trimmed colas.”

“Can’t I just sell the 500 pounds of flower to you and not mess with the trimming and drying?”

“Yep, you can, the rate is \$2.50 a pound of wet flower or \$1,250.00; instead of \$50,000.00 of finished product.”

“Why the huge difference in price?”

“Because trimming and drying take time and energy when done properly it adds a lot of cost. We compensate you for that cost with the \$150.00 paid for dried trimmed pounds of colas.”

“What the hell do people do with dried flowers?”

“They smoke them, sir.”

“So, that’s it, isn’t it, it’s all about drugs.”

“No, sir, there is only CBD in the colas, no drugs, no THC, just good healthy CBD.”

“What is so healthy about smoking CBD?”

“You don’t chain smoke them, you have one or two, for a whole day or every few days, not a pack, just one or two and you are relaxed, you are recharged and your endocannabinoid system is reset.”

“Your what now?”

“Endocannabinoid System, there are hundreds of different chemicals in a puff of hemp flower smoke, and the body has hundreds of specific receptors for each and every chemical in that smoke

and when the chemical binds to that receptor, it does something good for the body.”

“You’re funning me now, right?”

Endocannabinoid System

The endocannabinoid system is an ancient one with roles for cannabinoid receptors like axonal regulators of neuronal signaling taking place in every known organism. Every single organism throughout the entire world has receptors for and specific functions built around cannabis and uses it throughout their bodies and organisms to do specific tasks and functions. Every single one, from ocean dwellers to air plants and everything in between has an endocannabinoid system and has functions regulated by cannabis, which has been with us and interacting with us all since the beginning of time itself. Anandamide was the first endocannabinoid to be discovered. It participates in the body's endocannabinoid system by binding to cannabinoid receptors. Anandamide is found in all tissues of all animals. Sea squirts exist solely within the ocean and use anandamide to regulate the inflow and outflow of water to filter the food that it comes in contact with. It works that way with oysters also. Humans who consume foods rich in anandamide receive feelings of calm and well-being. The main dietary sources of anandamide-rich foods are meat, fish, seafood, and eggs.

Anandamide is created from arachidonic acid, an essential polyunsaturated fatty acid. Arachidonic acid can also be synthesized from linoleic acid, which occurs in substantial amounts in many popular vegetable oils including safflower, sunflower, and canola, but the most heart-healthy oil that contains it is olive oil. Cannabinoids are found in many plants, including clove, black pepper, Echinacea, broccoli, ginseng, and carrots.

In humans, anandamide is important for the implantation of the embryo into the uterus. Peak plasma anandamide occurs at ovulation and positively correlates with peak estradiol and gonadotrophin levels, suggesting that these may be involved in the regulation of anandamide levels. Anandamide may be the best biomarker for infertility in that if lacking in a female she may be infertile, suggesting if she wants to become fertile, she should simply ingest a moderate amount of cannabis. Anandamide plays a role in the interpretation of stimulus; specifically, optimism over pessimism in the presence of an ambiguous cue.

Humans are designed to consume Cannabis on a regular and moderate basis. We all have cannabinoid receptors throughout the body, we were built to ingest Cannabis, to experience it and to have a healthy relationship with it. Cannabinoid receptors regulate sleep, mood, appetite, memory, pain sensation, vascular system, immune function, reproduction and fertility. The body generates endocannabinoid molecules, they are similar to cannabinoids but made by the body, to help keep internal functions running smoothly, they are produced as needed, to keep the body running at ideal operation, making it difficult to know what levels are typical from person to person. If deficient in endocannabinoid molecules, the body is likely to experience migraine headaches, inflammation, depression, anxiety, fibromyalgia and irritable bowel syndrome. The endocannabinoid system, including the receptors, enzymes and proteins responsible for their biosynthesis, degradation and updating are supposed to be responsible for psychological conditions of energy balance, appetite stimulation, blood pressure, pain modulation, embryogenesis, nausea and vomiting control, memory, learning and immune response, as well as pathological conditions

such as Parkinson's disease, Huntington's disease, Alzheimer's disease, and multiple sclerosis.

When you inhale Cannabis smoke into your lungs, the compounds immediately enter your bloodstream and quickly make their way to your brain and other organs. The effects may onset within seconds to minutes. Ammonia and hydrogen cyanide irritate the bronchial passages and lungs and the body has a reflexive cough when it experiences Cannabis smoke.

CBD or Cannabidiol in the human body binds to receptors to reduce anxiety, cognitive and movement disorders, pain and epileptic seizures. Generally, CBD does the opposite effect that THC induces. If THC is consumed in a high dose, triggering paranoia, administering CBD will most often counteract the symptoms and end the THC trip. After THC use, CBD when administered daily in 50mg to 1500mg per day doses, significantly reduces stress, anxiety, inflammation and has antipsychotic properties.

For some people, particularly with Schizophrenia, they are prone to have higher concentrations of anandamide in the cerebrospinal fluid. CBD often regulates the concentration of anandamide in people with such illnesses. For others, particularly with poor cognitive performance; such as dementia, delirium or low cognition, they are often found to have lower concentrations of anandamide in the cerebrospinal fluid. THC is molecularly structured similarly to anandamide, such that if you are found to be low in this molecule, partaking in a moderate dose of THC will often improve cognitive performance.

Anandamide is typically measured in lipid extracts of serum or plasma obtained from venous blood using isotope-dilution, liquid chromatography-mass spectrometry, it is an expensive test and not one someone can easily perform to see if their body is in need of CBD to regulate and normalize the body's system. Usually, the endocannabinoid system is a self-regulating system, but when it becomes too highly concentrated in anandamide or too lowly concentrated, the mind can suffer greatly. Bi-Polar Disorder, Depression, PTSD and Anxiety are believed to be a result of imbalance in the body's

endocannabinoid system. Regulation and normalization of the endocannabinoid system can be achieved by regular and moderate doses of CBD. To keep the body healthy, a daily, moderate regiment of CBD may prove that consuming daily is as healthy as can be.

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