



County of El Dorado Clerk of the Board <edc.cob@edcgov.us>

Item #26 for public comment, Hemp "Right to Grow"

2 messages

Lisa Perdichizzi <najasupergreens@gmail.com>

Mon, May 17, 2021 at 5:12 PM

To: edc.cob@edcgov.us, bosone@edcgov.us, bostwo@edcgov.us, bosthree@edcgov.us, bosfour@edcgov.us, bosfive@edcgov.us, eldoradogrowersalliance@gmail.com, davidharde123@gmail.com, helpr4patients@gmail.com, tom@tvnlaw.com, casey@labtechgreenhouses.com, charlene.carveth@edcgov.us, christopher.perry@edcgov.us, chamber@eldoradocounty.org

Dear Board of Supervisors,

I'm writing in favor of allowing an exemption for growing "Hemp Microgreens" which are "functional food" seedlings grown indoors, in a controlled environment and are under 30-days old from germination.

Naja's Supergreens is a certified producer growing vegetable crop microgreens for sale at the El Dorado County Certified Farmer's Market. Customers purchasing microgreens are interested in boosting their meals with the clean bright flavors, colors and nutrition these very young plants provide. Microgreens by definition are crop vegetable seeds that are only grown to the Cotyledon stage of the plant lifecycle (typically 5-7 inches tall at the tallest and under 30 days into seedling stage). Microgreens are typically harvested at this early Cotyledon stage (before the true leaf emerges) to maintain the tender quality and sweetness for salads, soups, sandwiches, smoothies and other dishes.

Microgreens are a nutritious vegetable crop that scientific studies have shown are 40% more nutritious than their full grown adult vegetable found on the grocery store shelf. [For example people combatting cancer favor the Sulphoraphane in broccoli because the Sulphoraphane is known to cause cancer cells to die off.](#) A 2018, National Research Council of Italy study published on PubMed, titled "[Nutraceutical potential of hemp \(Cannabis sativa L.\) seeds and sprouts](#)" explains "the antioxidant effect of Cannabis sativa L. **seeds and sprouts (3 and 5 days of germination)** was evaluated", the "**results show that C. sativa seeds and sprouts exert beneficial effects on yeast and human cells and should be further investigated as a potential functional food.**"*

Naja's Supergreens grows over 15 varieties of microgreens, with a staple of Sunflower, Broccoli and Radish present at every Farmer's Market. Of late we have been receiving requests to provide Hemp microgreens. To accommodate customer requests, Hemp microgreens would be hydroponically grown indoors on a rack system under cost efficient LED lights in 10"x20" trays using very little water (24 trays per 6 shelf rack is approximately 4800 square inches uses ~5 gallons of water a day). There is no parcel boundary crossing or associated with the seedlings (as with their outdoor grown adults) nor are the plants capable of pollinating medical cannabis grows because the sprouts are in their just germinated-seed stage under 30 days old (it takes 14 weeks for

the plants to reach maturity at 14 ft tall, to pollinate). At the Farmer's Market the microgreens would be pulled at the root, packaged in clamshell containers and delivered to the customers. This would allow customers the freshest nutritious hemp microgreen product available to put in their salads and smoothies increasing the health and well being of El Dorado County residents. **A Certified Grower code could be issued by the EDC Ag Dept and the grows would be monitored in the same manner as the other crop vegetables in EDC.**

Please consider allowing this "exemption" as a microgreens grow is extremely small scale compared to an "Industrial Hemp Farm" and does not have the competitive impact concerns because this is not an Industrial application but a "Functional Food" application. With this exemption I'd be willing to help gather data for study as a "functional food" and report back to the El Dorado County Ag Dept to inform the BOS as they enter future growth opportunities of the hemp industry for El Dorado County.

By the way... considering the price of lumber is going up, which will eventually prompt another toilet paper shortage, housing shortage and even pet bedding shortage... El Dorado County is poised to enter the multi-billion dollar Industrial Hemp Industry to provide jobs, housing, fuel and happy clean pets by making growing Industrial Hemp legal.

Best regards,
Lisa Perdichizzi,
Owner, Naja's SuperGreens
El Dorado County

**"Nutraceutical potential of hemp (Cannabis sativa L.) seeds and sprouts, 2018 pubmed "the antioxidant effect of Cannabis sativa L. seeds and sprouts (3 and 5 days of germination) was evaluated. Total polyphenols, flavonoids and flavonols content, when expressed on dry weight basis, were highest in sprouts; ORAC and DPPH (in vitro assays), CAA-RBC (cellular antioxidant activity in red blood cells) and hemolysis test (ex vivo assays) evidenced a good antioxidant activity higher in sprouts than in seeds. Untargeted analysis by high resolution mass spectrometry in negative ion mode allowed the identification of main polyphenols (caffeoyltyramine, cannabisin A, B, C) in seeds and of ω -6 (linoleic acid) in sprouts. Antimutagenic effect of seeds and sprouts extracts evidenced a significant decrease of mutagenesis induced by hydrogen peroxide in Saccharomyces cerevisiae D7 strain. In conclusion our results show that C. sativa seeds and sprouts exert beneficial effects on yeast and human cells and should be further investigated as a potential functional food."*

County of El Dorado Clerk of the Board <edc.cob@edcgov.us>
To: Donald Ashton <don.ashton@edcgov.us>

Tue, May 18, 2021 at 7:42 AM

Fyi

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County of El Dorado Clerk of the Board <edc.cob@edcgov.us>

File 21-0540 Item 26 May 18th, 2021 Hemp Ad Hoc Committee Recommendation

Lee Tannenbaum <lee.tannenbaum@gmail.com>

Mon, May 17, 2021 at 6:17 PM

To: "edc.cob@edcgov.us" <edc.cob@edcgov.us>, John Hidahl <john.hidahl@edcgov.us>, Lori Parlin <lori.parlin@edcgov.us>, Wendy Thomas <Wendy.thomas@edcgov.us>, "george.turnboo@edcgov.us" <george.turnboo@edcgov.us>, "sue.novasel@edcgov.us" <sue.novasel@edcgov.us>

Cc: El Dorado Growers Alliance <eldoradogrowersalliance@gmail.com>, Charlene Carveth <charlene.carveth@edcgov.us>, Laurel Brent-Bumb <chamber@eldoradocounty.org>, "Thomas R. Van Noord" <tom@tvnlaw.com>, Jim Brunello <jlb87@aol.com>

Dear Members of the El Dorado County Board of Supervisors:

I support the letter written by Mr. Van Noord.

While I was unable to attend the last ad-hoc meeting, it was my understanding at the time, to continue the moratorium while writing an ordinance, not discontinue the program altogether. I am very disappointed by this recommendation/vote as are many other farmers.

One of my issue's re this topic/vote is that one person (in fact was the only private citizen to speak out against hemp at the ad-hoc meetings), Mrs. Jennifer Bloxham, is the wife of one of our sheriff's. With the large number of officers from the sheriff's office attending every meeting (there were never fewer than 2-3 and sometimes as many as 5), I call into question, their motive. During the ad-hoc meetings, many 'facts' were shown/quoted by the office of the sheriff as to why hemp was bad. None, and I asked many times for proof, had any current or truly factual pieces of information, yet these seem to be taken for gospel. I recall the over 100 page PowerPoint presentation on criminal activity around hemp and every item discussed was at least 2 years old. Hemp does not cause criminal activity now, any more than corn does.

When first legalized, and this is where the data came from in the previously mentioned PowerPoint, there was crime, but that time has long passed. And while there are idiot thieves, stealing one large hemp plant might be worth \$100-\$300. First, there is the issue of getting to the plant, then cutting it down (no easy task), carrying it out of where it is being stolen from (an even harder task), and lastly a 2-4 week drying/trimming/curing period to insure the hemp is viable to sell. One person could carry maybe one plant due to bulk. Would a thief, even a stupid one, drive to a remote location to steal one plant they would get \$100-\$300 for several weeks later? I think not.

An odor specialist was brought in and told the ad-hoc committee that at 1000 feet, which is the distance from the hemp grown to the Bloxham barn, there may have been a faint smell on occasion, but highly unlikely it would be overwhelming as Mrs. Bloxham described. I also did an odor analysis for my project, and have the scientific proof of this. My report is on record with the county. But let's look at facts. I've been in a livestock barn, and I'm guessing most of you have as well. Whether it's horses, cows or pigs, etc. there is nothing that fills the nostrils more than the smell of animal dung in a barn. Before the board votes on this issue, let's actually check the facts. The county has a trusted odor analyst. I'm sure the folks growing would contribute to the experiment. Let's use the tools and science to see if hemp, in flower can be smelled inside a livestock barn.

Are there bad actors, absolutely there are. These bad actors can be hemp growers, law enforcement or CEO's of publicly traded companies. And everything in between. This does not make everyone a bad actor.

The office of the sheriff has, on many occasions, discussed the extreme dislike of hemp or cannabis. Hemp and cannabis growers who are trying to be legitimate and licensed are effectively being accused of being criminals without any kind of due process. The office of the sheriff are willing to uphold gun laws and other constitutional rights, but when it comes to a federally legal, agricultural crop, they do everything in their power to insure farmers have no way to legally earn a living.

I personally will not be growing hemp again this year, but I do want the right given to me by our forefathers, and as an owner of agricultural land, to be able to farm hemp or whatever agricultural crop in the future, if I so desire. Our first president was a hemp farmer. According to the *Washington Post*, George Washington grew hemp in abundance, especially on one plot of land he called Muddy Hole. Thomas Jefferson wrote that hemp "is abundantly productive and will grow forever on the same spot." Hemp was a popular plant at that time and had tremendous value for many industrial applications. At times Virginia farmers even had to pay to grow it. Hemp strains were utilized for making rope, creating canvas and even being spun into clothing. Oil from the seeds was used to create things like paints or varnishes. Overall, the plant was primarily looked at as a cash crop for all of its uses. And there are even more uses for hemp today.

Please allow farmers to farm.

Respectfully,

lee

Lee Tannenbaum

CEO Cybele Holdings/Anu Farms/Dexie Holdings

650.515.2484

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5/18/2021

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