

# Emerald

M A G A Z I N E

## THE TRAVEL ISSUE

Connecting Families Throughout the World with CBD Hemp Oil

Cannabis Around The Ancient World

### Haute Hemp

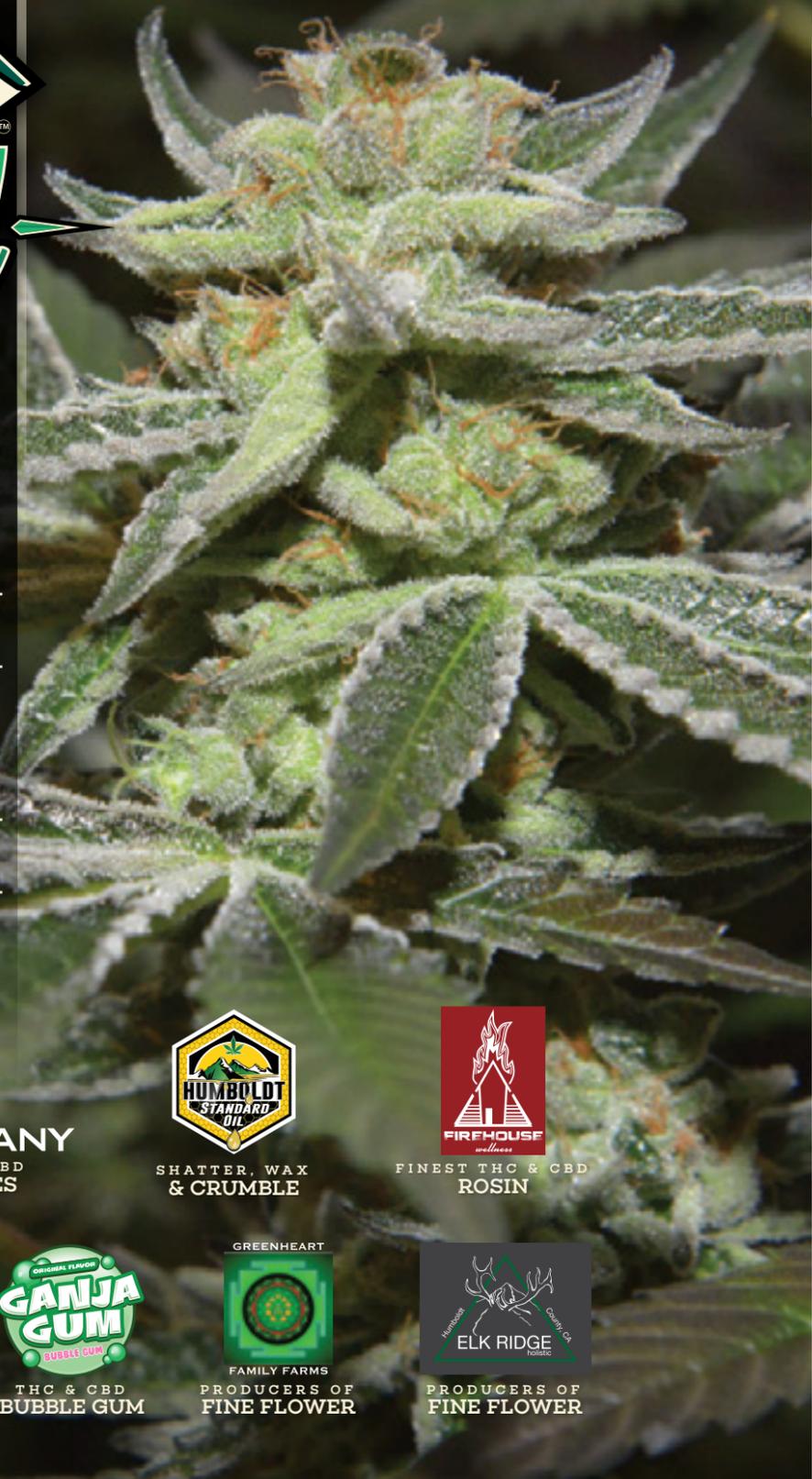
Canada's Hemp & Company Delivers Eco-Friendly Fashions

31  
Gift  
Guide

Hempsational - 3rd Annual NoCo Hemp Expo

## FIVE LEAVES A DAY

Juicing Cannabis May Be The Next Big Thing In Health Care



**THC DOMINANT**  
PILLS, SHATTER, CRUMBLE,  
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# Editor's Note

**H**op on board the *Emerald* Express as we take you around the world this May. For many countries, cannabis is still in

the closet, but medical awareness has brought this taboo topic into the light.

Cannabis has most certainly stood the test of time.

We will take you through its many ancient, cultural, and modern uses this month. Our tour will guide you from Canada to Brazil, and many other places in-between where hemp collides with fashion to produce eco-friendly designs, and where mother's like Katielle Fischer are changing policies in the name of medical cannabis.

This May we've touched ground in over half a dozen countries and states to bring you an exclusive look at the evolving perspective on the plant.

Join us in June as we jump into summertime, feet first. Fix your farmer's tan with the canna-natural company, Hibiscus Topical, while you learn a lesson or two from Nikki and Swami of Ganja Ma Gardens.

Whatever the season, the *Emerald* is here to deliver the industry's finest. From all of us at the magazine, we wish you a safe and happy season!

*Sincerely,  
Christina E. DeGiovanni  
Publisher*

*Dear Reader,*



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## Emerald Media Group

417 2nd St. #201, Eureka, CA 95501  
TheEmeraldMagazine.com  
Phone (707) 840-5508 | Info@TheEmeraldMagazine.com

**PUBLISHER** CHRISTINA DEGIOVANNI

**COPY EDITOR** MELISSA HUTSELL | JAANA PRALL

**COVER SHOT** LANCE DRILL

**GRAPHIC DESIGNER** JESSICA ALBEE

### CONTRIBUTORS

MOLLY CATE | DJ HAYES | PEPPER HERNANDEZ

EMILY HOBELMANN | ED HUDDON | MELISSA HUTSELL

PAM LONG | KENDRA MIERS | ERICK MONTANO | SHERAE O'SHAUGHNESSY

STEFANIE RAYA | JAMES PRIEST | MATTHEW OWEN

### PHOTOGRAPHY

CROP-STOCK | DEVILSLETTUCEPH | FULL SPECTRUM PHOTOGRAPHY | LANCE DRILL

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### MEDIA DIVISIONS

APPAREL EMERALD APPAREL

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PUBLISHING EMERALD MAGAZINE

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# contents

|    |   |    |   |
|----|---|----|---|
| 10 | <b>Haute Hemp</b><br>Canada's Hemp & Company Delivers Eco-Friendly Fashions   | 16 | <b>Connecting Families Throughout The World</b><br>With CBD Hemp Oil        |
| 18 | <b>World Famous Cannabis Breeders</b><br>Preserving the Future  | 20 | <b>Cannabis Around the Ancient World</b><br>Neolithic humans were the first |
| 27 | <b>Hemp Sensational</b><br>The 3rd Annual Northern Colorado Hemp Fair   | 31 | <b>Emerald Gift Guide</b>   |
| 44 | <b>Five Leaves A Day Could Really Keep The Doctor Away</b><br>Juicing Cannabis May Be the Next Big Thing in Health Care           | 46 | <b>Pot Talk with Emily Hobelmann</b><br>Terravida Farms                     |
| 48 | <b>Curing the Stigma</b><br>How One Cannabusiness Founder Made Her Way into the Healing World                                     | 54 | <b>The High Life</b><br>Air Emerald   |
| 56 | <b>Buying Weed in South America</b><br>A Simple Transaction with Serious Complications  | 59 | <b>Make Mine Pink</b><br>Big, Beefy Farmer Dudes Drink Pink Wine.           |
| 60 | <b>Looking Over the Green Down Under</b><br>Australia's Legalization of Medical Cannabis  | 63 | <b>The Green Rush</b><br>First Come, First Served                           |
| 65 | <b>Trying To Get Your Grow Permitted in Humboldt County?</b><br>Humboldt County Outdoor Cultivation Permitting Process Flow Chart |    |   |

# Haute Hemp

Canada's Hemp & Company Delivers Eco-Friendly Fashions

Melissa Hutsell

**T**he cannabis plant continues to play an important role in promoting a greener earth. Cannabis culture has most certainly stood the test of time, and there is no better example of this than hemp.

The plant has played an important role in many different cultures throughout history – even to the founding of U.S. Industrial hemp, ‘Marijuana’s sister,’ or Cannabis sativa L has been grown for more than 10,000 years for a variety of uses including paper, food and clothing. In fact, it is said that more than 25,000 different uses exist for Hemp alone...

Despite the flourishing, multi-million dollar international hemp market, and the plant’s popularity as an ingredient in food and personal care products, cultivation has remained illegal in the U.S. since the 1950s, according to the North American Industrial Hemp Council (NAIHC).

Fortunately, the Canadian-based business, Hemp & Company, is catering to the global demand with a natural line of hemp-based products.



over 25,000 different uses exist for hemp



The company was established in 1999 when Michael Finley realized that, although hemp is legal to grow in British Columbia, there were no retail outlets providing such clothing at the time. He combined forces with Ashira – a hemp clothing manufacturer – and launched his retail business, Hemp & Company.

From there, his father Bill Finley, was inspired to combine efforts and together, they ran several stores for a number of years. Currently, Mike has moved on to other adventures while Bill and his wife, Lorna Knowles, operate the remaining beautiful store in downtown Victoria, British Columbia.

The company has joined the likes of Oscar De La Renta, Nike and Stella McCartney to produce eco-friendly, designer fashions for all styles. Each Hemp & Co. item is exclusively created by their team of designers, which includes Jen Christie, Jenn Cleary, and Colorado-native Gabriel Conroy. “We retain 100% control of design for our house brand,” says Bill.





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The chic, colorful and comfy collections of accessories, clothing and body care products cater to both women and men. Customers are continually delighted with the store's broad selection of stylish and functional options. One customer reports, "Love the color and feel of both items. I thought my dress was perfect for a casual wedding and that it was one of the most attractive dresses there. I did get lots of compliments." Another writes, "Received my order today and couldn't be happier. It arrived earlier than anticipated, well packaged in a reusable box. Everything fits the way I like and I especially like the weight and feel of the fabric. I have a ten year old hemp shirt which has long been a favourite, which I can now make my paint shirt."

Popular styles include a basic ¾ length sleeve boat and scoop neck T-shirts for women, says Bill. These T's, and the shop's collection of men's long and short sleeve T's are always in demand. "Our new designs in dresses, skirts and also unisex hoodies are also proving very popular." From bamboo leggings to a three-way skirt, hats, socks and even acupuncture mats – there is virtually something for everyone's style.

The company's house-branded products are manufactured in Canada from fabrics purchased from China, which has produced hemp textiles for thousands of years.

"Canadian farmers are allowed by law to grow hemp, but alas, there is [a lack of] manufacturing plants that make textiles from the stock of the hemp plant in this country," says Bill, adding that "American textile mills could switch to hemp, but [unfortunately] it is still illegal to grow in the U.S." He admits that laws are changing rapidly, and remains hopeful that the company will likely switch to an American supplier if such textiles become available. In the meantime, the company remains committed to providing eco-friendly products to customers all around the world.

All Hemp & Co. products are mainly hemp-based. "Our house brand generally uses a blend of 55% hemp and 45% organic cotton." The store also carries other brands with fabric such as bamboo and soy. "We are a natural fiber clothing store for environmental reasons," adds Bill. Simply put, hemp-based materials have the ability to reduce carbon footprints and to support agricultural. "Natural fabrics are generally farmed [whereas] non-natural fibers are made from petroleum products, which are mined. Hemp is grown with little to no agricultural chemicals. Water for the plant is minimal, especially compared to the usage of [non-organic] cotton." It is not a coincidence that cannabis (including hemp) is dubbed 'weed.'

In addition to being environmentally conscious, the advantage of hemp material for clothing means it breathes well, has natural UV protection, and is extremely durable, "so clothing lasts three-to-four times longer than a comparable cotton garment." As well as being one of the world's most diverse and resilient materials which grow softer over time, it is also known for its anti-microbial and anti-mildew properties.

Aside from their clothing selection, the company also features food and body care products from Canadian companies such as Sea Wench Naturals, Merry Hempsters and The Hempenstuff Soaps. "The Good Seed Hemp Heart foods are organically grown in Saskatchewan. Sea Wench body care items, such as lip balm, lotions, shampoo and conditioner, have Canadian grown hemp oils and other natural ingredients," says Bill.

### TRENDS OF THE SEASON

Hemp and Company provides sleek, long-lasting designer fashions for every style and season.



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Bill believes that the use of more agriculturally based materials to clothe, wash and feed people is essential. "Oil is overused in non-transportation areas like [the production and distribution of] plastic bags and nylon type fabrics," he adds, "Plastic microbeads in these items are creating environmental degradation in our oceans and killing sea life. Laundering nylon clothing sends these microbeads into the sewage systems and eventually they end up in our oceans."

"Hemp & Company strives to make products for consumers, which have the least impact on the planet. Everybody wears clothing and must make decisions about what they wear. We offer an alternative to non-natural fibers, and since we manufacture our items in Canada, an alternative to overseas production that benefits large corporations sometimes with dire results for the workers." Citing a factory collapse in Bangladesh that killed more than 1,000 people, Bills asks "Is this worth it just to have cheap items of clothing in North America?"

Though the Hemp and Co. team wants to avoid being too "preachy," they are aiming to raise awareness "so that in the long term, what we do becomes the norm and not the alternative."

For more information, or to grab your own hemp products, visit: [HempAndCompany.com](http://HempAndCompany.com) or [Facebook.com/HempAndCo](https://www.facebook.com/HempAndCo)

### Facts and Figures About Hemp

Hemp, like marijuana, is a member of the cannabis family. Both contain traces of THC, however, the amount of THC found in hemp is so minimal, it serves no purpose in getting someone high. However, all cannabis plants (including hemp) remain classified as Schedule I controlled substances by the American federal government. As a result, almost all hemp products sold in the U.S. are imported.

"The hemp plant is harvested for its fibers, seeds, seed meal and seed oil. Hemp is a distinct variety of the plant species *cannabis sativa* L. Due to the similar leaf shape, hemp is frequently confused with marijuana. Although both plants are from the species *cannabis*, hemp contains virtually no THC (delta-9-tetrahydrocannabinol), the active ingredient in marijuana." (The North American Industrial Hemp Council)

"Industrial hemp has a THC content of between 0.05 and 1%. Marijuana has a THC content of 3% to 20%. To receive a standard psychoactive dose would require a person to power-smoke 10-12 hemp joints over an extremely short period of time. The large volume and high temperature of vapor, gas and smoke would be almost impossible for a person to withstand." (NAIHC)

The Canadian Hemp Trade Alliance finds that hemp can flourish chemical and pesticide free.

According to an article published in Slate Magazine, titled 'High on Environmentalism,' cotton requires four times as much water as hemp when factoring production and processing into the equation. The article also states, "The cotton plant needs 50% more water per season than hemp, which can grow with little irrigation."



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# CONNECTING FAMILIES

Throughout the World with CBD Hemp Oil



## BRAZIL AND BEYOND

STEFANIE RAYA

CBD Hemp Oil has been called a miracle cure, one which many families are willing to travel the world to gain access to.

One Brazilian family, the Fischers, have turned to a local San Diego, Calif. company, Medi-

cal Marijuana, Inc., to help their six-year-old daughter who suffers from aggressive epileptic seizures.

Little Anny Fischer started having seizures when she was three. The family never lost hope de-



spite the sadness. "It was this hope which made us search the whole world for something that could help," said her mother, Katielle Fischer.

The shift in international cannabis regulations is due to these two little girls, Harper Howard, age 5 and Anny Fischer, age 6, from the U.S. and Brazil. Their mothers connected through the Hope4Harper.com Facebook support group for the rare genetic disorder: CDKL5 epilepsy.

CBD hemp oil products are readily available in all U.S. states, territories, and districts. In contrast, hemp oil products are

handled quite differently in Brazil and what resulted from the mothers' online connection led to a new chapter in world history.

Penny Howard, Harper's mother, became a source of strength for the Fischers because she and her husband discovered a cannabis-based product that worked wonders for their own daughter, Harper. "It was a big deal because now we had our kid. We had our daughter," Howard added.

The product the families say is a miracle cure is called Real Scientific Hemp Oil, made in San Diego.

The challenge for the Fischers was that in Brazil, any product made of cannabis was illegal. Hence the title "Illegal" for a Brazilian documentary that featured the Fischers.

Desperate, the family illegally imported a product known as Real Scientific Hemp Oil (RSHO). Brazilian customs discovered a shipment one day, which led to a court case.

After hearing the Fischer family's testimony about Anny's need for RSHO, a Brazilian Federal Judge deemed it "inhumane" to keep it (RSHO) from the little girl – as it was helping to alleviate the potentially fatal condition when no pharmaceutical medications were working. Then, after a series of historic rulings, ANVISA removed CBD from Brazil's prohibited substance use list, removed the import tax and is actively subsidizing the cost for those who need financial assistance.

"The Brazilian government and officials have shown the world a perfect example for 'putting

## CBD HEMP OIL IT'S WHAT'S INSIDE THAT COUNTS

Researchers are just now learning how cannabinoids and other compounds work to affect the Endocannabinoid System. CBD and THC are not the only thing the Endocannabinoid System uses. There are at least eighty phyto-cannabinoids, several endocannabinoids, which are the cannabinoids all mammals make in their bodies, and some other compounds like omega fatty acids that appear to interact with cannabinoid receptors. There are thousands of published, peer-reviewed studies on the Endocannabinoid System. The Endocannabinoid System has been attracting the interest of pharmaceutical drug developers and researchers since its discovery over two decades ago.



Overall, this research indicates the Endocannabinoid System seems to have a very "protective" role in our bodies. In fact, the most important thing that the Endocannabinoid System wants to protect is homeostasis – that is, making sure the body is running optimally at all times.

people over politics' by providing hope to those who are struggling for accessibility to non-psychoactive hemp products," said Stuart W. Titus, PhD and Chief Executive Officer of Medical Marijuana, Inc.

The Fischers and Howards have never met in person. They plan to meet in a few months in Southern California. 🌿

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The delectable flowers and herbs we enjoy come from all around the world. The work of many individuals and generations of dedication have helped to create some of the most divine strains of cannabis on the planet. Breeders and growers circumnavigating the globe have vigorously worked together to share landrace genetics, cultivation and curing tips, as well as other sensitive information pertaining to cultivation.

Some of the people responsible for this astonishing work will never be known. Some of these individuals however have names that stand out and will be part of the community, culture and industry forever. Breeders like Nevil Martin Schoenmakers, DJ Short, Shantibaba, and Romulan Joe are just a few of those legends who have helped to populate some of

the most reputable cannabis seed banks on the planet.

### Those who saved and preserved the future of the seeds we sow.

• **Scott Blakey** is the man! He more commonly goes by the name Shantibaba (a named he received in India). He holds a master's degree in Biology and has a love for growing things, especially the ganja. Blakey is credited with developing the line of cannabis known as *White Rhino*, *White Shark*, and *White Widow* are just some of those strains. According to the Cannabis Seed Bank, a website dedicated to cannabis aficionados, Shantibaba is a legend responsible for some of the finest cannabis on the planet today. This just touches the tip of the iceberg that is the legacy of Shantibaba.

• **Neville Martin Schoenmakers**, is a legendary Australian cannabis breeder that will go down in cannabis history as the founder of the first cannabis seed bank. The Seed Bank of Holland. It started in the early 1980s and was located in Amsterdam. The Seed Bank of Holland was the first cannabis seed company to publicly advertise through High Times Magazine. Neville has been arrested on cannabis charges (that were eventually dropped) and understands cannabis prohibition all too well. He went on to construct the language that helped make medical cannabis legal in Australia.

🗨️ **The Seed Bank of Holland was the first seed company to publicly advertise**

• **DJ Short** is a legendary cannabis breeder out of Oregon, who has been breeding cannabis since back in the early 1970s. DJ Short is known for making some of the most delectable flavors of cannabis on the planet. His *Blueberry* is a legendary strain of cannabis sought by canna-isseur's around the world. If you've ever had the chance to try some *DJ Short Flo*, then you know just how talented this breeder is. When you get the chance to try any of the cannabis strains created by DJ Short, I highly suggest that you do so.

• **Mendocino Joe** aka Romulan Joe was a California resident who moved to Canada not long after the sacred seed bust of the early 80s. He is a cannabis breeder and grower that is credited with working on the *Skunk* strain of cannabis. Many give him credit for

bringing the particular strain to Canada. Before he passed he sold the strain to a Federation Seeds and PR Ziggy, in Canada. Some say that he is the creator of the strain of cannabis known as *Romulan*, which surfaced in the mid-eighties. This is just speculation as no one truly knows where the *Romulan* strain originated. Some say it came straight from the planet Romulus.

Gratitude is given to all the breeders and growers around the world for helping to save cannabis from attempted eradication. Their hard work and dedication is what saved the future of the plant for all mankind. The history of cannabis is a deep one that involves the plant as a whole, meaning hemp and flower. The two intertwine and give us the ability to change our world.

We almost had the capability once, but corporate greed got in the way of evolution. Today, people are starting to look past the smokescreen and see the truth: cannabis can save the planet. Every one who is part of this culture is a true green leaf warrior. Teach the people the truth and they will teach each other. Let's heal the planet. We canna do this together.

All of these amazing strains are available today with many of them found in the United States. A seed bank, such as the Humboldt Seed Organization (HSO), is one of these places. You can also check out Federation Seeds, Barneys Farm, Greenhouse Seed Company, Strain Hunters, Dinafem and others to find many of the strains mentioned. 🌱



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By Molly Cate

# CANNABIS AROUND THE ANCIENT WORLD

“Some say [cannabis] arose in the Hindu Kush, the mountain range forming the boundary between central Afghanistan and northern Pakistan.”

*A note on dates: Instead of the old Christian abbreviations BC and AD, scholars now encourage use of the more globally inclusive terms BCE (Before the Common Era) and CE (the Common Era), acknowledging the spread of the Euro-Christian calendar without requiring allegiance to its meaning.*

When the U.S. Congress passed the “Marihuana Tax Act of 1937,” the federal government began a decades-long smear campaign against cannabis in America and beyond. Other nations found it impossible to receive aid or coordinate international projects in education, agriculture or medicine with the United States, unless they agreed to create and enforce their own draconian anti-cannabis policies. That repression has been a major American export for nearly a century.



The Marihuana Tax Act stamp of 1937, also known as H.R. 6385, was a tax placed on the sale of cannabis in the United States.

But what of earlier times? How did cannabis originally spread throughout ancient civilizations, and what did those folks have to say about it? The answers are sometimes fragmentary but may delight you.

Martin Lee, author of the definitive history of cannabis, “Smoke Signals,” explains the spread of the plant succinctly, “diffusion proceeded along two divergent paths, reflecting its dual role as a fiber crop and a psychoactive flower.” Botanists disagree, but some say it arose in the Hindu Kush, the mountain range forming the boundary between central Afghanistan and northern Pakistan.

Others say it is native to Mongolia, Tibet and Siberia. To the Eurasian north, west and east, cannabis spread mainly as a fiber crop because cooler climates and weaker

sunlight just did not stimulate much THC production. Near the equator, cannabis has long been celebrated for the psychoactive social, spiritual and medicinal properties of its flower. Throughout many centuries different peoples would carry the plant on their extensive travels, introducing it wherever they went. As cultures mingled, the two divergent botanical paths of cannabis also merged. Archeologists have found smoking vessels containing cannabis resin dating from 1000 BCE in India, China and Assyria, and from the first century CE in northern Africa.

Most of the information that follows is from David E. Newton’s “Marijuana: A Reference Handbook,” published in 2013, is quite the goldmine of a source. Cannabis was one of the first plants to be cultivated by Neolithic humans, more than 10,000 years ago. Yet, its use undoubtedly goes back much farther. In recent decades, scholars have become more sophisticated in their assumptions about what constitutes ‘cultivation.’ Now we know that these so-called hunter-gatherers selectively farmed plants and animals.

As Neolithic peoples spread out, so did cannabis. Traders that traversed the ancient ‘Silk Roads’ undoubtedly carried the plant from the

“Cannabis was one of the first plants to be cultivated by Neolithic humans.....”



Kush throughout the Himalayan foothills, across river valleys, all the way to China – “The Land of Mulberry and Hemp.” Archeologists have found many cannabis specimens in China. “Ma,” the Chinese word for cannabis (pronounced with a very short, flat ‘a’), was listed as an important crop as early as 1500 BCE.

Cannabis seed was considered an essential grain, roasted and eaten or pressed for oil, much as we do today. Over many centuries, Chinese shamans and herbalists developed medicinal uses for every part of the plant; seed, root, stems, leaves, flowers and juice. Starting in the second century BCE, the flowers were powdered, stirred into wine and used as an anesthetic.

The first recorded uses of cannabis for its psychoactive properties come from the many cultures of India and Central Asia, dating as far back as 1400 BCE. Beginning around 1000 BCE, the Sythians – Iranian horseback nomads – came to dominate a huge area from Persia to central Europe. They carried the love of cannabis everywhere they went. They used cannabis for social, ceremonial and religious purposes and were recorded by Herodotus as “howling with joy” around smoking pits filled with smoldering bunches of cannabis plants. The custom is reported to continue today.

Cannabis found its way to Western Europe (Berlin) around 500 BCE, and appeared in Britain and Scandinavia by the first century CE. The Vikings preferred it for making sails and ropes. Mark Bourrie’s 2003 book, “Hemp: A Short History of the Most Misunderstood Plant and Its Uses and Abuses” tells of Queen Arnegundi, buried in Paris in 561 CE, wrapped in hemp cloth. Around 700 CE, the Ottoman Muslims temporarily conquered parts of Europe, and brought with them the skill of making paper from hemp. Both Newton and Bourrie mention that the Magna Carta, the first Gutenberg Bible and even canvases for paintings were made from hemp.

Other trade routes took the plant south through India and beyond.

Sacred texts such as the Hindu “Vedas,” written more than 4000 years ago, recorded the many uses and celebrations of cannabis. One Vedic quote reads, “Drops of heavenly nectar fell to Earth, took root and became cannabis.” The drops of heavenly nectar sound like bhang, a paste of cannabis flowers, ghee (clarified butter) and milk found everywhere during India’s Holi festival. The god, Shiva, is called the Lord of Bhang though the drink called bhang is the favorite of the god Indra. Bhang is still most popularly consumed as a milk-based drink and is commonly served at social functions, as alcohol is in the United States. Traditionally, at a wedding, the bride’s father gives bhang as a gift to the bride and groom to ward off evil spirits. It sure might help with those first night honeymoon jitters too.

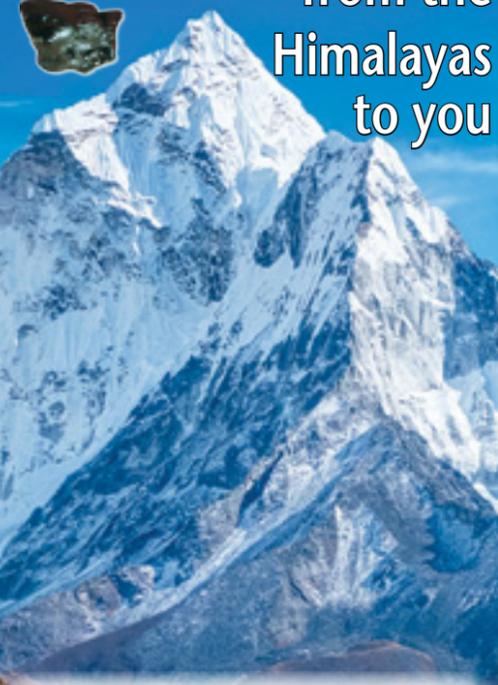
Again according to Newton, Muslim sea traders probably introduced the plant to the northern and eastern coastlines of Africa in the first century CE. It has long been a favorite in Islamic territories throughout North Africa and the Middle East. Muslims are forbidden alcohol, so cannabis fills that social role.

Cannabis cultivation in the Americas would have to wait for a much later time. The Vikings who first saw the northeast coast around the year 1000 CE certainly used hemp canvas and rope, as did the later Spanish, English and French explorers and settlers. But that’s another story.

So, the plant David E. Newton said had been “praised as... [the] most durable, attractive and useful [fiber and] honored as a gateway to spiritual insights” is now dishonored. With positive changes happening in the U.S. and elsewhere these days, perhaps we are ready to take a stand, honor our ancestors, and embrace the personal, social and cultural benefits of cannabis. 🌿

*To learn more of the long history of cannabis, see David E. Newton’s “Marijuana: A Reference Handbook,” published in 2013, and Mark Bourrie’s 2003 book, “Hemp: A Short History of the Most Misunderstood Plant and Its Uses and Abuses.”*

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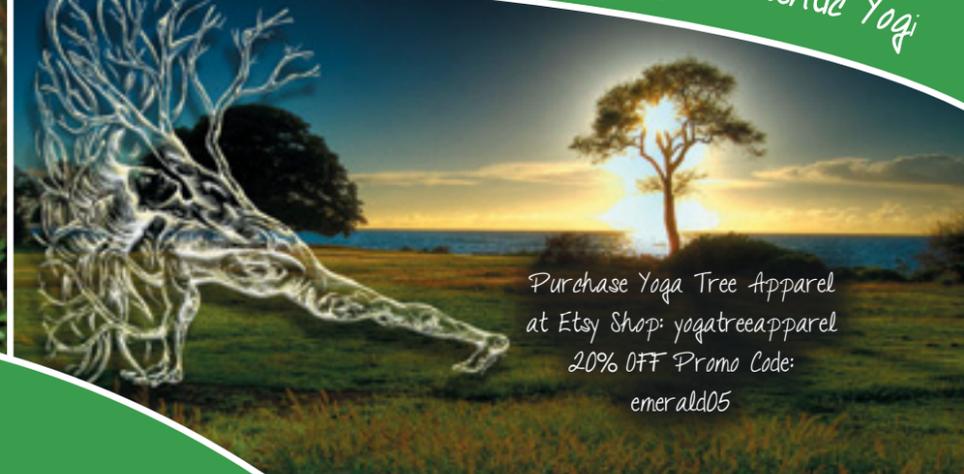


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# HUMBOLDT CANNABIS TOURS

## Cannabis Enthusiasts Interacting with Sustainable Cannabis Producers at their Farms.

You are standing amongst tall cannabis plants on the slope of a mountain in Northeastern Humboldt County, breathing deeply and savoring the sunlight and fresh mountain air. You shut your eyes for a moment and listen to the sounds of nature -- the cry of a hawk circling overhead, the trees rustling softly with the breeze... When you open your eyes again you bring your gaze to the skyline of majestic mountains in the distance. And then you catch a serious whiff of the 8' tall Super Silver Haze plants growing right next to you.

This is the life of a cannabis farmer in the Emerald Triangle. Humboldt Cannabis Tours will take you there.



Lost Coast Vineyards



When it comes to cannabis farming, California stands apart from Colorado, Washington and other medical- and recreational-friendly states because California has an abundance of outdoor cannabis farms. And there is a particularly high concentration of outdoor farms in the Emerald Triangle. Many conscious and sustainable outdoor farmers want to share their facilities and processes with interested people -- they have nothing to hide.

But still... In this day and age, if you want to check out a spectacular cannabis farm, the reality is that you gotta know somebody that knows somebody to get there. Now making that connection is as easy as visiting the website HumCannabis.com.

Humboldt County is not just famous for its outdoor cannabis farms and for its pioneering cannabis culture. Humboldt is also known and loved for its endless pristine coastline and towering



- epic cannabis farms,  
delicious restaurants,  
beautiful wineries,  
rivers and beaches...

redwood forests, for its vibrant local and organic food scene, for its award-winning breweries and wineries and for its chill vibes and spectacularly mild climate. All of these things set Humboldt apart.

And if you are ready to experience the best of what Humboldt County has to offer -- epic cannabis farms, delicious restaurants, beautiful wineries, rivers and beaches, Humboldt Cannabis Tours is here to make that happen for locals and visitors alike.

Imagine a morning spent talking to farmers and exploring a mountaintop cannabis and vegetable farm in Southern Humboldt with a view of the Eel River in the valley below. Lunch at the nation's first organic brewery sounds nice. And how about a stop at a Northern Humboldt dispensary and a glass blowing demo to finish out the day? Done. Or maybe you want your day to include a visit to a farm, a soil manufacturing facility and a dispensary... Let's make it

happen, with a quick stop at the beach and some local oysters along the way.

Humboldt Cannabis Tours will chauffeur you and your group of up to 20 people from location-to-location. Industry insider guides -- connoisseurs, farmers and/or local experts -- travel with your group to provide commentary, educational information and local lore along the way. And everyone is welcome, from the cannabis enthusiast to the curious novice, but guests need a valid California medical cannabis recommendation to consume or buy cannabis while on tour.

You can opt for a pre-designed package or you can customize your own trip -- a Humboldt Cannabis Tours rep will help you set an itinerary. This is your chance to see how it's done, to see how cannabis is grown and processed at locations throughout the Emerald Triangle, and to experience the best of Humboldt's natural beauty and lifestyle.

One day trips are happening now. Overnight outings are available in the fall. Custom tour options include outdoor farms, dispensaries, beaches, redwoods, breweries and wineries, cannabis food production facilities, nutrient and soil manufacturers, concentrate machinery manufacturers and food farms.

The website HumCannabis.com is the ultimate Emerald Triangle cannabis tourist resource, a cannabis-friendly source for places to go if you are visiting Humboldt and into cannabis. Check out the website for reviews of eateries, attractions, accommodations and cannabis products. It's your one-stop-shop for cannabis tourism in the Emerald Triangle.

You can grow cannabis anywhere, but this is Humboldt. It's time to get up close, to smell and photograph the organic outdoor Humboldt-grown cannabis flowers.



Booking information is available online at HumCannabis.com or at (707) 839-4640.

Humboldt Cannabis Tours features small organic family farms and the sustainable Humboldt lifestyle. If you are interested in making your farm or facility available for a Humboldt Cannabis Tour, contact Matt Kurth for more information.

Open everyday from 9 a.m. to 6 p.m.  
(707) 839-4640  
HumCannabis.com  
Info@HumCannabis.com  
@HumboldtCannabisTours

### 9 a.m.

Guests meet up and paperwork check. Guests receive gift bags and light snack.

### 9:30 a.m.

Tour starts. After brief introductions, guests receive an introductory talk concerning the plan for the trip, on responsible use of cannabis products and on safety. Photos are permitted at all stops. Refreshments and light snacks are available throughout the trip.

### 10 a.m.

Arrive at dispensary. Guests get the lowdown on current offerings and discounts. Guests receive a discount on cannabis products and do not have to wait in line. Dispensary representatives are available to answer questions and make recommendations. Guests that finish early can hang out in the van.

### 11 a.m.

Board van and head to a cannabis production facility.

### Noon

Arrive at cannabis production facility. A farmer comes on board to welcome guests, give the plan and talk about safety guidelines, like where guests can and cannot go.

### 12:15 p.m.

Locally-produced organic lunch.

### 1 p.m.

Farmer-led production facility tour. Farmer explains growth stages, varieties, growing techniques and organic and sustainable production methods. Guests may be invited to participate in making cold water hash, trimming, transplanting or whatever else is going on at the facility at the time. A lounge area is available for guests to relax and enjoy cannabis from the dispensary stop.

### 4 p.m.

Back on the van!

### 5 p.m.

Return to meeting point. That's a wrap!



(above) Emerald Family Farms



(above) Humboldt Organic Collective

TRIM SCENE SOLUTIONS PRESENTS

# CASUAL CROP EXCHANGE



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TRIMMING DEMOS • DJs • GLASS BLOWERS • DAB BAR • FOOD TRUCKS

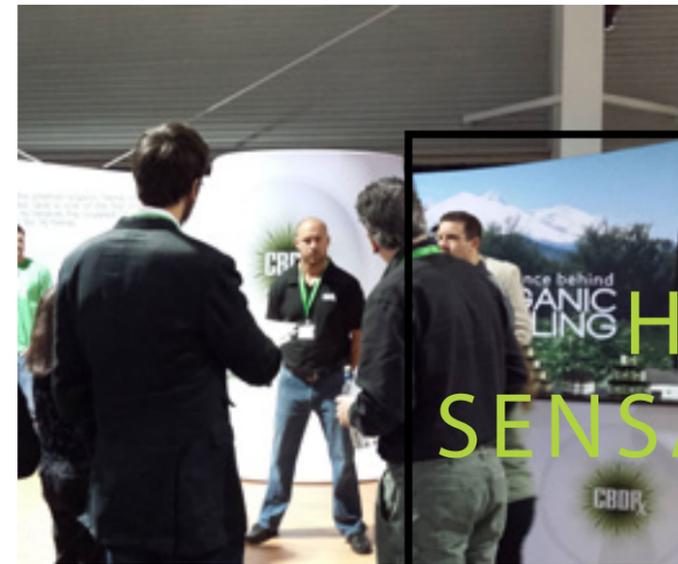
215 vendors may enter Concentrate and Flower Competition. Left over Meds donated to Weed for Warriors Project. Bring your 215 and enjoy our Community's best Crops of all kinds.

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For more information, or to be a vendor, stop by or call 707.923.9319  
Mon - Fri 9 - 5 - Sat - Sun 10 - 4 or email [anthony@trimscene.com](mailto:anthony@trimscene.com)



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## HEMP SENSATIONAL



### The 3rd Annual Northern Colorado Hemp Expo

T

he third-annual NoCO Hemp Expo was truly a Hemsational event that has grown to epic proportions over the last three years. What started out with a few hundred people gathering at a local bar has turned into an event that now draws thousands.

A big thank you goes to all the hard working folks at the National Hemp Association (NHA) who made this event possible. Their dedication to the education of hemp is outstanding. The work they accomplish is shaping the future. When the next NoCO Hemp Expo comes around, mark the date on your calendar.

People from around the world travel to the NoCO Hemp Expo. The NHA, along with dozens of vendors and organizations host

an incredible weekend of learning. The energy on the floor of the expo was evident in everyone.

Friendly vibes and curious inquiries filled the air. There were attendees from China, Sweden, and Canada, as well as from across the United States. At the expo entrance, there was a group who had an ingenious idea and found a way to get the best parking spot.

Rick Trojan and the Hemp Road Trip is a group that travels in a small school bus, which has educational information regarding hemp all over it. During its cross country road trip, it helped spread the word about this amazing plant to countless numbers of window gazers and passersby.

Kevin Lyons from *Raising The Bar* was one of the first people met after signing in to the expo. Lyons gave out delicious samples of a CBD hemp bar that was, simply put, divine! If you want to see just how amazing this munchie is, check them out at [RaisingTheBar.com](http://RaisingTheBar.com).

Grow For Vets was another group that was a pleasure to meet. Founding Chapter President Sara "Hempster" Hornback is a passionate, driven woman. This writer's cannabis company, Marijuana Writers, is also here to talk with our vets, 24/7. I look forward to working with Grow For Vets in the near future, and the opportunity to help share stories of all types. Find out more at [Growforvetscolorado.org](http://Growforvetscolorado.org).

WRITTEN BY  
JAMES PRIEST

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- Occurrence
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- Primary & Non-Contributory Wording

**Equipment Breakdown**

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- Data Compromise

**Product Liability**

- Claims Made
- \$1.0M / \$2.0M Occurrence /Aggregate
- \$2,400 Deductible
- \$1,500 Minimum Premium

**Property**

- ISO Property Forms
- \$10M Property Limits
- Cargo
- Property Enhancements
- Several Deductible Options

**Crop**

- Non-Admitted Carrier
- \$5M Living Plants
- Finished Stock is included in Property Limits

**Cannabis Classifications**

**Cultivation**

- Indoor
- Outdoor
- Greenhouse

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**Transporters**

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The legendary Jack Herer had a strong presence at the NoCO Hemp Expo with the late icon's son Dan Herer attending as a guest speaker. The Herer Booth at the expo was represented to the fullest. Information, as well as merchandise that could be purchased to help support the Jack Herer Foundation Inc. was also available. Hemp runs in the blood for the Herer family. Continuing to carry the torch, Dan and his team showed up giving 100% to furthering hemp education in the world. If you want to learn more about the Herer Foundation, visit [Jackhererfoundation.org](http://Jackhererfoundation.org).

A company that was new to me that really stood out was called SEED CX. The company's representative presented the business with class, effortlessly answering questions the entire time. The company stays true to their motto, "Cultivating Financial Security," by developing a platform that will allow you to invest based on solid numbers - numbers produced by the trading of cannabis just like gold or silver. They have a wild concept and were the last minute huge backers of the 3rd Annual NoCO Hemp Expo. Visit [Seedcx.com](http://Seedcx.com) to learn more.

Recreator was on hand with some great hemp apparel. "Sow The seeds" was their motto, and a good one I might say. Hemp clothing helps to reduce the footprint we leave on the environment. Imagine if all of our clothes were made pesticide and fertilizer free, just how healthy and strong the fiber would be. With Recreator gear you can really say you are sowing the seeds of love!

When the 4th Annual NoCO Hemp Expo rolls around, this writer will be taking in all the new advances at this hemp-sational happening! 🌱

For more information, visit:  
[NoCOHempExpo.com](http://NoCOHempExpo.com)

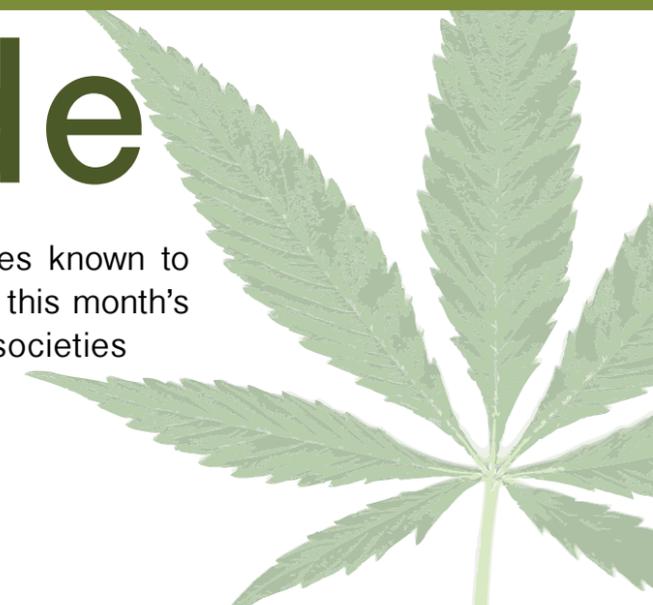
HEMP HEMP HOORAY!





# Cannabis Around the World Gift Guide

Cannabis is one of the most versatile plant species known to man. It is embraced and grown around the world. In this month's gift guide we take a look at how other cultures and societies enjoy and utilize this miraculous plant.



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 \*www.BeyondTHC.com "All Vape Pen Oils Are Not Created Equal: A Quick and Ready Guide to Pre-Filled Cartridges"

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## KEY LIME PIE BUD- SOUTH AFRICA



Parent Strains: Ogreskush + Cherry Pie. Berkeley Patients Care Collective Cannabis Dispensary in Berkeley, Calif. \$63 1/8th.

The market contains hundreds of strains, all available here in the US for us to enjoy. But where in the world did they originate?



**SOUR OG - COLOMBIA**  
 Parent Strains: Sour Diesel + San Fernando Valley OG. Also has Afghan and Mexican lineage Grown by, The Cali Connection. Distributed at True Healing Collective in Oakland, Calif. \$45 1/8th.

**XJ-13- COLOMBIA**  
 Parent Strains: G-13 + Jack Herer. Find it at Indigo, a cannabis delivery service in Oakland, CA. 17.6% THC. \$50 1/8th.



**CHOCOLATE HASHBERRY- INDIA**



Parent Strains: Chocolate Thai x Hashberry. 16% THC. Also tied to Thailand and Afghanistan.

**SILVER BACK "GORILLA" - INDIA**

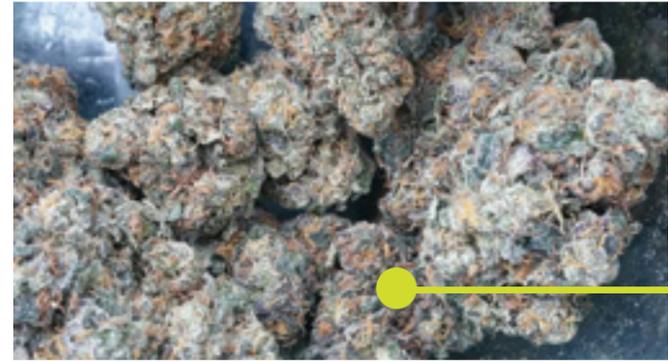


Parent Strains: Grape Ape x Super Silver Haze. Grown by Apothecary Seed Company. The Apothecary Genetics company started growing in the early 90s in Gig Harbor, Washington. Get this strain delivered through The CRAFT Collective out of Berkley, Calif.

**BLUE DREAM - INDIA**  
 Parent Strains: Blueberry x Haze. Available from Blum Oakland Dispensary in Oakland, Calif. 19.4% THC. \$35 1/8th.



**BLUE COOKIES - SOUTH AFRICA**  
 Parent Strain: Girl Scout Cookies. Also has Afghan lineage. Available from Cookies SF Cannabis Dispensary in San Francisco. 27.2% THC. \$55 1/8th.



**PURPLE TRAINWREK - COLOMBIA**  
 Parent Strains: Trainwreck x Mendo Purps. Cannabis strain from Humboldt Seed Organization, available at Green Cure Delivery, out of San Francisco. \$52 1/8th.

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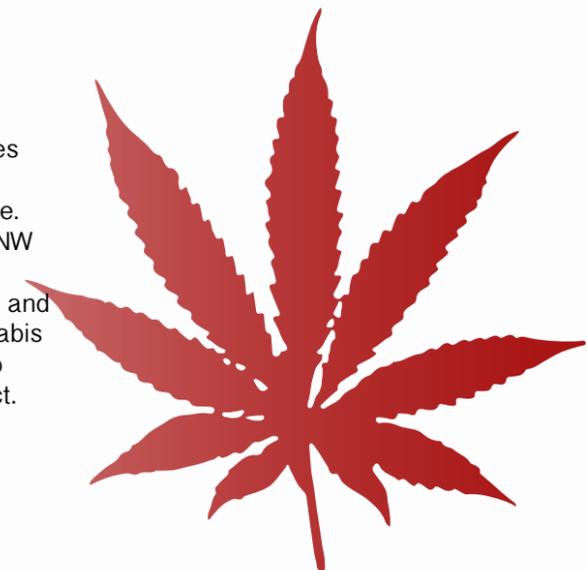
## LOTUS FLOWER CANNABIS ROLL-ONS

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## HEMP PURSE- NEPAL



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## HUMBOLDT HEMP WICK - CALIFORNIA, USA



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**HEMP SPAGHETTI - AMSTERDAM**  
Made from hemp flour and durum wheat. The subtle, nutty flavor of hemp tastes great. Check out Hempshopper, located in the City of Amsterdam.

### HASHISH - MOROCCO

Though the production of hashish is illegal in Morocco, it is still the number one hashish producer in the world. If you want to get your hands on some, look to distributors such as [herbaldispatch.com](http://herbaldispatch.com). 3.5 grams for \$60.



### HEMP HOOFOIL - AMSTERDAM

A great product based on pure natural hemp oil, Hoof Oil has beneficial effects on the hooves and horn of all hoofed animals. Available at Hempshopper in Amsterdam, Netherlands.

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### ITAL VAPOR STEAM CHALICE

The base of the Ital Vapor Steam Chalice is traditionally made from the outer shell of the Jamaican calabash fruit, which was originally brought to the Caribbean from South America. \$60 on [legalmarket.cz](http://legalmarket.cz).



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# 5 leaves a day, could really keep the Doctor Away

Is the next big advancement in health as simple as juicing?

Dr. Pepper Hernandez  
CNHP, NHC

“fresh-squeezed cannabis juice”

Well yes, yes it is. I have been juicing specifically organic, indica dominant strains for many years now. I even freeze them into ice cubes for easy access for my daily smoothies. I have labeled bags of cannabis cubes in my freezer and have worked myself up to four ounces a day, at times.

I am a huge fan of the non-psychoactive effects of cannabis on the body. There has been so much research done now on the positive affects of cannabis raw juicing for our bodies on a cellular level. Does it taste good, no, no it does not. However there are some really crafty recipes I have concocted to make it pleasurable. I will be sharing one with you later in this article. But first.....

Of course you know, one term that is regularly used in conjunction with cannabis is tetrahydrocannabinol (THC) — the ingredient in marijuana that produces the psychoactive, “high” or altered state. But did you know, that cannabis also contains another beneficial chemical compound called Cannabidiol (CBD) which has been proven medically to help relieve inflammation, convulsions, and nausea, as well as inhibit negative cell growth?

The best way to get this into your body, in my opinion, is having it raw. Unlike heated forms of cannabis— smoked, vaporized or in baked yum-mies—raw dietary cannabis contains both the terpenes, the aromatic compounds of the plant, and the cannabinoids, the chemical compounds which are also, by the way, in the correct portion and ratio. Wouldn't you know it.... Raw cannabis contains THCA and CBDA, ineffective alkaloids. They must

be heated to produce THC and CBD, which in turn produces the psychoactive “high” or altered state.

This is the reason for smoking or vaporizing. But some people are not looking for that, and simply want the medicinal properties that juicing can offer them. Eating or juicing raw cannabis in its natural state does not have a psychoactive effect, to speak of.

Drinking fresh-squeezed cannabis juice is very similar to wheat grass juice, or even eating raw cannabis as a leafy green vegetable. It is fast becoming a preferable means of consumption for many individuals in search of health benefits without any altering side-effects.

I personally have tried this for years and have seen vast improvements in my health as well as noticing that it is a very interesting topic, which is gaining popularity for a wide variety of health giving properties. Get creative. Always use organic. It's that simple. Juice it up. 🌿

All information in this article is for educational purposes only. Please check with your Educated Primary Health Care Physician, Raw Food Nutritionist or Health Care Provider before beginning any new diet or lifestyle change.



\*Dr. Pepper Hernandez ND, PhD, CNHP is a Naturopathic Nutritionist, Cannabis Therapy Consultant, Raw Food Chef and Medical Intuitive that holds multiple certifications, honors and degrees. To find out more about her local private practice and offerings to our community you can find her on the massive interwebs at [drpepperhernandez.com](http://drpepperhernandez.com). Go forth, Go Cannabis.....

## “Flying High” with Raw Cannabis Juice

Ingredients: 5 Raw cannabis leaves • Beets • Pear • Orange • Apple • Cucumber

Directions: Assemble equal parts of each ingredient and chop into chunks manageable for your juicer. Juice all ingredients until desired amount, adding high water content fruits and veggies in between the raw cannabis when pushing through the juicer, to make it easier to process.

Suggestions: • If you are one who should be concerned and watching their sugar intake consider adding kale, chard, celery or any other green veggie substitute. Happy Juicing.

“I personally have tried this for years...”

WITH EMILY HOBELMANN

# POTTALK



## ALL IN A DAYS WORK

Jessi secures her crop by evenly distributing branches around metal cage wiring.



## SUN GROWN CANNABIS

Humboldt County has earned notoriety for its organic, sun grown cannabis.



## HARD AT WORK

Kristopher places metal wiring around his crop to ensure wind and other elements don't affect the cultivation process.

## Terravida Farms

On April 22nd at the Trim Scene Solutions 420 Hash Bash and Casual Crop Exchange in Southern Humboldt, the Terravida Farms booth caught my eye. Kristopher Schuster and Jessi B. Rockenbach were manning the booth, and they had two big jars of flowers, a tasting menu and a Golden Tarp Award on display. (Their heirloom OG-78 strain was the top CBD in the Golden Tarp "Earth" category and it was the highest testing CBD in all.)

I was like, "Hey, want your flowers to be featured in the upcoming edition of 'Pot Talk?'" And they were like, "Yeah!" Destiny? For sure. Rockenbach took a few minutes right then-and-there to tell me about Terravida Farms and their bright, fresh-smelling *Kaluptos Kush* and *Sour Mango* flowers:

"We're based in the Mattole Valley, kind of mid-valley, right between Petrolia and Honeydew. It's a nice little sweet spot...a great location," she says. And it's not cannabis-only at Terravida -- they grow veggies and hope to plant some fruit trees soon. "We're also getting into more of the other medicinal herbs, whatever we can grow to make better products in the future," said Jessi. Terravida's got a lot going on -- and they're going through the Humboldt County compliance process too.

The *Kaluptos Kush* and *Sour Mango* plants were grown outdoors in full-sun. "The two plants were actually in different locations," Rockenbach says. "The *Sour Mango* was grown on a north-facing slope at higher altitude. The *Kaluptos Kush* was down next to a eucalyptus grove, closer to Petrolia. It's been interesting running sites that have different environmental factors. Certain plants definitely like one area more than another." They have grown these strains before, so they know what the plants prefer.

The *Sour Mango* was a clone, and its genetic line is Green Crack crossed with Mango. The plant was vigorous, Jessi says. "It was definitely like Green Crack in that way, so satisfying to grow... As a farmer, some plants you battle and some plants you give just a little bit and they do a lot." The *Sour Mango* gave a lot. "It's really wonderful. It makes you feel satisfied at the end of the year."

The *Kaluptos Kush* was from seed. It's Jack Herer crossed with OG, then crossed with Petrolia Headstash. They grew the *Kaluptos Kush* right next to a beautiful Eucalyptus grove. "Kaluptos" is the Latin name for the little cap that grows over every eucalyptus flower to protect it from the elements. "We think the Eucalyptus smell comes through in this plant, so we named it that to give it that piece of place."

This was also a vigorous plant. "It reminds me a lot of the Jack Herer... It grows big and it takes a long time, but it's really satisfying at the end too."

What's up with Petrolia Headstash? Rockenbach says, "The folklore behind it is that someone came back from Afghanistan with a bunch of seeds, and it was one of the ones he popped. It did well in the area and it's been passed around the valley for decades." The heirloom strain is well-adapted to the local climate, and "It's a big, sparkly purple wonder-plant. We love it."

## Kaluptos Kush



The *Kaluptos Kush* is a lighter asparagus-to-yellow green with lots of sparkle and sparsely distributed brown-orange hairs. The flowers look so healthy, no signs of disease. Love that first smell when you crack open the jar -- a rockstar aroma -- bubble gum and vanilla with an earthy-mint base note, yes, like eucalyptus. The flavor is powerful on the uptake too. A healthy hit of *Kaluptos Kush* cleared my lungs and left me with a delicious resinous aftertaste.

The immediate effect of the *Kaluptos Kush* was to make me feel charged and thirsty. Once I settled into the high, I found myself getting totally sucked in to whatever caught my fancy throughout the afternoon and evening. It was the perfect state of mind for checking out driftwood along the river. I felt relaxed and carefree.

Dominant Terpenes: Terpinolene, Carophyllene, Myrcene, Limonene, Humulene.

## Sour Mango



Such enchanting flowers! The *Sour Mango* nugs are dense, yet soft, totally iridescent with ample muted-orange hairs. The color is a bright, lovely green, much like the Southern Humboldt hills in spring. The rich fruity-kush smell stayed on my nose for over

an hour. It smells like grape, like a purple iris. And the taste is fruity too, although a bit peppery and bitter.

The effect was instant inspiration, a nice, powerful stoniness with the trademark cannabis insightful and creative vibe. The *Sour Mango* helped me pass time in a positive way on a gray April day. It was tranquilizing and sort of enhanced my focus by making me chill out.

Dominant terpenes: Myrcene, Carophyllene, Ocimene, Limonene, Pinene.

Huge thanks to Rockenbach for contributing such beautiful pictures! You can follow Terravida Farms on Instagram: @terravida.farms. 🍃



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# Curing the Stigma

with Jack's Extracts

by Erick Montano

Ryan was born December 22, 1998. There were no pregnancy complications and he was born a healthy eight pounds, nine ounces. He grew like any other normal baby and met all his milestones. When Ryan turned eight months old, he experienced his first seizure.

Three months later Ryan had another febrile seizure (a seizure associated with a high body temperature but without any serious underlying health issue). By January of 2000, he started having seizures without a fever, but the doctors found no cause. By the time he was four years old his seizures began to get out of control; they were triggered by the glare of the sun, over excitement, overheating and simply staring out the window of a moving car.

His mental delays started to show. His ability to learn stalled and his speech development began to slow. He was tested, scanned, and was diagnosed with Dravet syndrome, a severe form of Epilepsy. The drugs had little to no effect on the seizures that Ryan experienced. Kimberly, his mother, grew used to this routine and asked, "What do we do next?"

Ryan is now 16 years old and is in his second year of high school. He has the mental capacity of a three-to-four year old. Through the years, Ryan has tried 17 different drugs with side effects that cause mental disability, on top of his seizures.

In the past, he has had up to 100 seizures per month and up to 18 in one night. Nonetheless, he has stayed the happiest and most lov-

## Kicking Cancer

Cannabinoids have shown to prevent the growth and/or spread of tumor cells as well as stimulate programmed cell death, while leaving healthy cells unharmed.  
-Leaf Science

ing person. Ryan is now taking Cannabis Oil, which has decreased his seizures by 75 percent says his mother. They are also seeing signs of advancement in his learning and mental capacity.

"Cannabis oil has been our last hope. I know this is not a cure but it could help him live a better life without or limited seizures. Ryan will always need me but he doesn't have to have seizures when there is something that could possibly save his life. The potential is endless for Ryan without the interruption of seizures. Cannabis oil could provide that opportunity for him," says Kimberly. Kimberly contacted Erin Reed, owner of Jack's Extracts, hoping for help in her battle towards normalcy with Ryan after her doctors ran out of options.



Full Spectrum Photography

What do you do when you take your kid to the doctors and they don't know what to do? As a mother, that is what frightens Reed. "The crazy thing is it made me learn. I didn't know that most of the side effects in those kids are caused by the drugs they are given [and] not because they're having seizures. I had no idea, and cannabis can cure it," says Reed. A friend of the Reed's was diagnosed for the second time with ovarian cancer and they asked her for help as well. "She doesn't have cancer anymore (second battle with cancer). She definitely changed her diet but she only used chemotherapy. It went from her cervix to her liver, and the spot on her liver disappeared. Chemotherapy doesn't do that," Reed describes.

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The demand for oils, like Rick Simpson oil, has led Reed to create extractions that are changing the way we look at oils and what the true meaning of "medicinal" is throughout her company, Jack's Extracts.

Cannabis is popping up everywhere. The perception of oils and extractions are evolving, as we combat diseases in ways we never thought possible. Thanks to social media, more people are growing aware of these alternative uses. Though research is still limited, we tend to believe our doctors solemnly to our own faults, as Reed would say.

Her brother had a two year battle with cancer. What she learned was that you are your only advocate, in reality. Everything is experimental when it comes to cancer treatments. "We are so used to having 'Oh the doctor gave me a prescription and it's this many milligrams and this many times a day,' we just do it," Reed adds. Since expanding to become a cannabis company, Jack's Extracts focus mainly on the medicinal aspects of

the plant. As a cultivator, Reed didn't always believe the people that talked about the medical side of cannabis. The more that she meets people in need, the more Reed feels she can't turn away from this growing need.

"Twenty percent of all our products are given away for free. We [work with] wounded vets organizations. We hope to give to them every month so none of them have to buy it because I was strictly blown away by the knowledge of how it helps them," says Reed.

Symptoms like PTSD can be helped by smoking cannabis because it inhibits the brain from dreaming while sleeping. THC on a cell creates a protein mandate - and on the most basic terms, cancer is a protein deficiency in a cell. The simplicity of how these problems can be handled is what made Reed seek for herself answers.

On a recent trip, Reed participated in a cannabis conference in one of the world's leading countries in the cannabis industry as a whole: Israel.



*Symptoms like PTSD can be helped by smoking cannabis because it inhibits the brain from dreaming while sleeping.*

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RAPHAEL MECHOULAM

Dubbed the father of cannabis, Raphael Mechoulam was a Professor at Hebrew University. He discovered the structure of Δ9-tetrahydrocannabinol, the THC molecule.



Last year Pfizer, an American global pharmaceutical company, gave Israel millions of dollars to fund Cannabis research. Doctors such as Raphael Mechoulam, who discovered the THC molecule, were keynote speakers.

“One of the things I learned in Israel was, the leading doctor for Crohn’s disease and marijuana was there, 62 percent of Crohn’s patients that smoke cannabis go into remission, which just blew me away,” says Reed. The United States is six months behind Israel when it comes to researching things like PTSD and Crohn’s disease and the way we look at cannabis medicinally.

“I am a normal mom, 33-year-old woman, running a company like cannabis shouldn’t reflect anything but that,” adds Reed.

Jack’s Extracts is close to releasing a transdermal patch, which is one of the fastest

ways to absorb medicine as we grow older. From smoking and vaping to oral treatments or suppositories, Jack’s Extracts is helping patients fight the fight, side by side with them.

“Sometimes I wonder if this is what Israel kind of made me ‘epiphanize’ (I had an epiphany on the bus one day), I got up and just said that ultimately I think what I’m realizing is that there is lack of cannabis companies coming [out of the] dark world [and] into the light, because when I go wherever I go, I can count on one hand the cannabis companies that are exposing themselves like that.” Reed adds, “We are highly involved in becoming a transparent and legitimized cannabis company.”

It’s not just about the money for Jack’s but about bringing awareness to a life changing medicinal drug. 🌿

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# THE HIGH LIFE

Air Emerald

Sherae O'Shaughnessy, Sex Columnist



This month I'm gonna take you around the world, babes! Let's learn about weird sex on a global level. Full disclosure; some of these facts aren't sexy. Just hilarious. I've carefully selected a few "fun" facts about some ways people get their rocks off in other countries.

Ladies and gentlemen, this is your Captain speaking. Flight Attendants, prepare for take off.

If you look out the window to your right you will see WWII Nazi, Germany where syphilis was rampant. Our next destination will be beautiful, freaky Amsterdam! Most grown humans are familiar with the city's infamous "Red Light District" where everything goes. Especially cannabis. I remember when people would fly from all over the world just to legally smoke herb. The Red Light District has no scarcity of back slapping, vacationing frat boys and flat out perverts, but did you know

the Holland government provides a stipend so that the disabled might enjoy some companionship? Indeed. They are allotted a monthly sex allowance. A subject that is the source of some controversy. But come on, everyone is entitled to a little lovin'.

Captain O'Shaughnessy on the mic again. I've turned off the fasten seatbelt sign so you are free to join the mile high club.

Ladies and gentlemen, we are experiencing some slight turbulence. Nothing to worry about. I hope you're enjoying your adult beverages and special inflight showing of M. Knight Shymalan's 'The Happening'. But if the film is making you consider opening the cabin door and jumping to your peril, simply remove your headphones and prepare for our next destination. Tibet! Typically Tibetan Monks are known for steering clear of most earthly indulgences. But there is always an excep-



tion to the rule. About 500 years ago a Monk by the name of Drupka Kuley was making the kind of coitus that puts Ron Jeremy to SHAME! Before I enlighten you with Drupka's exploits please note that he also accomplished a great many noble things. Namely introducing Buddhism to Bhutan and building the Chimi Lhakhang monastery. But our peaceful friend was best known for what was dubbed the "Campaign of Romance." He preached enlightenment through sex and was eventually knighted the "The Saint of 5,000 women." I'm sure you can do the math on that. He was a heavy drinker and womanizer who claimed he was able to change a woman wrought with sin into a goddess through the magic



of his weiner which was known to the ladies as, "The Thunderbolt of Flaming Wisdom." If there was a penis naming contest this dude would walk with the trophy.

And that brings us to our final destination, folks. Beautiful, exotic India! In researching the Kama Sutra, written by Vātsyāyana and first published in 2005, I discovered that India is not at all as liberal about sex as the literature would infer. The publication actually consists mainly of poetry, love and family life and only about 20 percent of suggested sexual contortions. Still, we associate it with, "Let's

try something new, honey." I assumed everyone in that hot, beautiful land with amazing cuisine was very sexually open. Untrue. In fact, pornography and sex toys are a big, fat no no. A first offense for possession of materials could land you up to two years in prison and a second could put you at five. It is said the reason for this is the increase in sexual crimes which have pushed the government to ban all sex related materials.

Flight attendants, prepare for landing. We hope you've enjoyed your weird sex facts on Air Emerald. We hope you will fly with us again soon. 🍷



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(above) Nicaraguan sunset on the beach



(top middle) Nicaraguan police



(top right) Native wildlife



(lower middle) Prisoner in a South American jail cell



(lower right) Brick weed from South America



# Buying Weed in South America

## A Simple Transaction with Serious Implications

By Humboldt Undergrounds Ed Huddon

Weeks into a trip with family and friends, I found myself sitting at a run down little bar on the volcanic island of Ometepe, located in Lake Nicaragua. The biggest island in one of the biggest lakes in the Americas, Ometepe is renowned for its exotic vegetation, archaeological treasures, charming wildlife such as monkeys and colorful birds which frequented our balcony and windowsills.

As I sat in a little bar with my father and his long time friend with the hustle and bustle of the town just outside, we began to talk about cannabis legalization in California. We began reminiscing over the old days when prices were high and the mainstream didn't want in.

Of course my conception of the good ol' days was laughable to my old man. After each of my tales, I was inevitably one-upped: all my pleas for acceptance were minimized by older, more extravagant stories situated prior to the passage

of Proposition 215, during the heart of the war on drugs. Suffice to say, my pops and his friend have known their way around South America since the 70s.

Half way through one of our stories the bar tender chimed in. To our surprise, he was fluent in English, which is rare in Nicaragua because it is one of the poorest nations in South America, making education a possibility for only the privileged. He'd been following our conversation and had an opinion on the subject.

His name was Jame (pronounced Ah-me). At 35 years old, he stood about 5'9" and weighed a buck-fifty (150 lbs). Jame was no stranger to the world of weed. Like a distant brother and fellow colleague, he had his share of stories regarding the legality of cannabis. The same in some aspects and vastly different in others, Jame's experience with cannabis was full of cartels and corrupt federales.

It turns out that Nicaragua has some of the toughest drug laws in South America. With severe punishment for possession – some have spent years in jail for a couple of joints. According to Jame, the establishment in Nicaragua, born out of the Marxist Sandinista movement, view drugs and drug money as an enemy of the state. Partially influenced by the widespread practice of Catholicism, most older generations in Nicaragua view cannabis with vehemence.

Nicaragua is no bystander when it comes to the failed war on drugs. The Iran-Contra scandal took place in the mid-1980s during President Reagan's second-term. During this time, civil war raged between the anti-communist Contras and the Marxist Sandinistas. With the Reagan administration crosshairs on the spread of communism, senior officials secretly facilitated the sale of arms to pro-west Contras in Nicaragua. In return, CIA operatives

received payment in weed and cocaine – which they eventually smuggled into the U.S. via small planes and ships (Martin A Lee, Smoke Signals).

Essentially the U.S. government and the CIA granted a hand full of smugglers carte blanche to do their dirty work. As long as the Nicaraguan Contras got their weapons, the CIA didn't care about the drugs.

However, when these efforts were made public, the bottom fell out of the CIA's dirty little plan – leaving the Nicaraguan Contras without their supply of weapons. Eventually the communist Sandinistas defeated the Contras and gained control of Nicaragua – establishing government and subsequently creating strict drug laws. In the eyes of the Sandinistas, drugs were the enemy of the state and the means by which the Contra's funded their campaign.

Fast-forward 30 years to our conversation in the bar on the isle of Ometepe, and we can see why Jame had

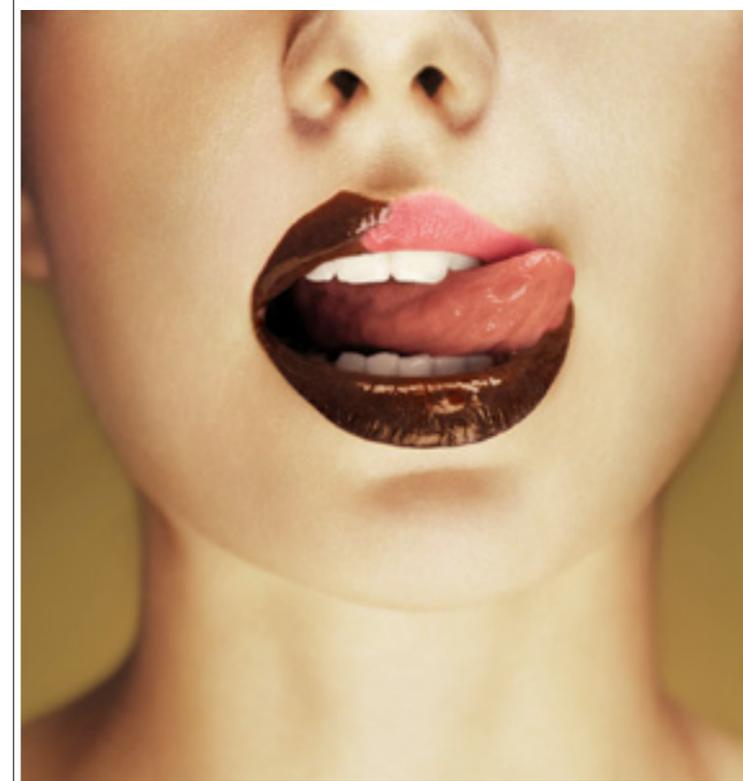
grown up in a vastly different cannabis culture than ours – a culture whose parents viewed cannabis as a vehicle of civil war.

Despite all this, Jame practiced his brand of civil disobedience. He sold us an ounce of weed, brought by an accomplice on a motorbike, and exchanged through a hole in the bar-stems, seeds and all. He said it was average weed from Costa Rica. He insisted that best he had ever smoked was the weed in jars called Kush (always in glass jars) scored from Californian surfers.

What he didn't realize was the "Kush in jars" he spoke of, was most likely from a place called the Emerald Triangle. An equally magical place where cannabis culture thrives and the end of the war on drugs is near.

If there's one thing that always make me miss home, it's the weed. 🌿

*Ed Huddon has a MA in Sociology from Humboldt State University and is a staff writer at [humboldtunderground.com](http://humboldtunderground.com).*



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## MAKE MINE PINK

*Vinum, et al*  
Pam Long, Wine Columnist

### Big, Beefy Farmer Dudes Drink Pink Wine.

I snapped this photo in Burgundy, France in a rural hamlet holding their annual summertime 'vide-grenier' which literally means 'free the attic.' It translates to what we call a yard sale. In France the whole village has a yard sale – it's a collective activity. My travel partners and I went to many over the course of several weeks. The scene overflows with rows of the usual yard sale curios alongside unpretentious wine and food tents. The farmers' wives sliced up cured meats for simple sandwiches while the men poured delicious one-euro-per-glass rosé from a local winery into petite tumblers.

Still, there are many who haven't come to grips with pink wine. Rosé has been around way longer than the oft laughed at Beringer or Sutter Home, White Zinfandel. Let's start with the fact that a White Zinfandel grape does not exist. Pink wines are made from red wine grapes. Almost all red varieties have clear pulp. The only reason a red wine is red is because the juice is fermented and macerated with the skins. All of the red wine color (and most of the flavor and tannins) comes from the skins. In order to make a pink-hued wine, a winemaker will leave the skins on the juice for a limited amount of hours. Two-to-three hours for a light pink/salmon and perhaps several more hours for a deeper fuchsia.

The world's rosés are typically produced in a dry or slightly off-dry style. They're crisp and refreshing and easily pair with just about anything. The Co-op in Arcata, Calif. has a handful from France in the \$10-\$12 range. BevMo! too has several good-value French labels. For just a few bucks more, pick up a bottle of the new release 2015 Trinity River Vineyards rosé of Sangiovese. Stunning. Buy at Wildberries where the new wine department sommelier, Charity Anais, sells it super chilled and picnic ready.

I offer up one cautionary pointer - look at the vintage. Don't buy old pink wine! Ninety-nine percent of all tank-fermented and finished rosés and whites need to be consumed within months of purchase. If you want fresh, fruit-forward juicy acidity you need to make sure the label says 2015. 🍷

\* Pam Long is a Master of Wine student and wine educator. She presents seminars through HSU's College of eLearning & Extended Education and OLLI programs. ipamlong@gmail.com.



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# LOOKING OVER

THE GREEN DOWN UNDER



Written by DJ Hayes

In many U.S. states, cancer patients and college students alike can consume cannabis safely and legally. California was a forerunner in the movement toward decriminalization in America with the famous Proposition 215 of 1996. More and more states are adopting both medicinal and recreational laws that allow the use of cannabis - in total, there are currently 23 states that have legalized cannabis in some form. Elsewhere in the country people are being handed life sentences for negligible quantities and offences. Take a look at life4pot.com for some horror stories. This grave contrast has a century of legislation and policy on a global, national and state level behind it. Today, people still fight for their right to medicate themselves and recreate as they see fit. Elsewhere in the world, the fight is just beginning.



DevilsLettucePH



"Stoner Sloth," an Australian campaign against cannabis.

As a general understanding, cannabis is illegal in Australia. In some areas, it is decriminalized as possession offenses typically entail a small fine. Parents like Adam Koessler are being imprisoned for treating their children's illness with cannabis oils. While research grows and information is gathered, the societal and medical benefits of cannabis are becoming clear.

However, this doesn't stop the hilarious public service announcements, otherwise known as propaganda. It is a dubious honor to write about Australia's "Stoner Sloth." It is an anthropomorphized sloth used to illustrate the barbiturate like effects of cannabis on bright and youthful people. The sloth does little else but move slowly and be genuinely ineffectual at mundane tasks, like feeding itself. This is disservice to stoners and sloths alike! Both are very capable of feeding themselves, and certainly, a stoner may arguably be imbued with an en-

## CANNABIS CLUB AUSTRALIA

ABOUT CCA FROM THE FOUNDER

- Cannabisclubaustralia.com
- Facebook: /ccapage
- Twitter: /cannabisclubaustralia
- Instagram: /CannabisClubAus

Members of Cannabis Club Australia are proud supporters of the ever growing cannabis industry. For many years, its founder, Mark Hutchison, has pushed for a legal, regulated market in Australia.

*The benefits from cannabis are too great to ignore. The law has been wrong on this. Please view and comment on the emerging green industries via Cannabis Club Australia.*

*Thank you for your continued support, as without your constant support we would not be who we are today.*

Yours sincerely,  
Mark Hutchison, CCA

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hanced ability to feed him/herself. These ads are reminiscent of American PSA's of yesteryear where teens nearly melted into the couch with laze, or were guilted by their speaking dogs. These clichés aim to instill fear, but are desperate attempts to cling to a dying ideology. PSA's aren't credible sources, so it may be best to talk to a real person about this.

I briefly spoke with Mark Hutchison from Cannabis Club Australia, who gave me a crash course in Australian cannabis culture. It was hard not to draw comparisons between the Australian and American struggle, and counter-culture. Medical professionals and activists have been imprisoned and reprimanded for their work with cannabis. Mark referred me to Dr. Andrew Katelaris, a man with the mission to better children's lives through cannabis therapies focusing on the use of CBD's. Dr. Katelaris has been imprisoned several times for his renegade research for the betterment of human beings. He is one of many activists in Australia.



While there will forever be red-tape prohibiting green, there is hope and support growing as time passes. Australia passed a bill in support of medical cannabis earlier this year, amending the Narcotics Drugs Act of 1967. While it is a step in the right direction, it fails to acknowledge the growing consensus that Aussie's would like recreational use legalized in the future. A poll conducted by Roy Morgan Research shows that an average of one quarter of Australians want total legalization. The same poll reveals that more than half of Australians want cannabis to remain illegal. That is a large gap, but it will only get smaller and smaller.

While cannabis remains illegal in Australia, there is progress. In 2017, Australians will be able to use cannabis as a medicine on an entirely legal scale. This is the start of a shift in perceptions. The days of clichés like the Stoner Sloth are gone as people all over the world are starting to recognize the potential of such a simple plant. 🍃

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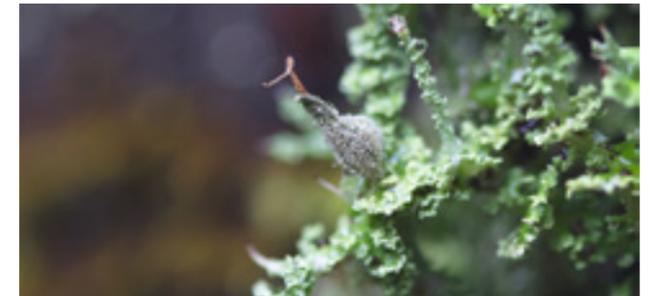
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# THE GREEN RUSH

MATTHEW OWEN | DEVILSLETTUCEPH



**D**o ya smell that? No, I'm not talking about the scent wafting from someone's bong of Death Star (19.9% THC), but rather the cannabis industry becoming mainstream legitimate.

Ted Simpkins, the former CEO of Southern Wine & Spirits is now the CEO of River Distribution. The company models the ABC's (Alcohol Beverage Control) process where middlemen purchases products from the growers and in turn, sell to the dispensaries throughout California. River Distribution is using Teamster Union truckers for transportation up and down California and also handles the quality control issues for testing of mold, mites and THC content.

Emerald Family Farms and True Humboldt have organized their version of a cannabis cooperative by joining with other organic, sustainable, outdoor growers to sell

their branded product. They have a statewide distributor and don't have to deal with the risk of transportation. Plus once you complete all your paperwork with the various governmental agencies, your farm is listed as a "green dot" (good farmer) versus a "red dot" (bad farmer who needs to be busted) on a law enforcement map. Which grower would you rather be: the grower who greets law enforcement by shaking their hands and offering them bottled water while showing them your environmental consulting papers, or the grower who runs for the hills as your farming practices break every law on the local, state and federal level?

#### ABOUT THE WRITER:

Matthew Owen was born and raised in Humboldt County.

He works in the financial sector, writes a local political blog and is also a travel hack.



California currently accounts for almost 50% of the legal sales of cannabis nationwide, with the most explosive growth coming from ancillary products, such as vape pens, dabs or BHO (butane hash oil) made from concentrated cannabis extracts and horticulture supplies (grow lights and soils). The Green Rush has huge profit margins and where there are huge profits, investors will follow. Wall Street, venture capitalists (VCs) and private equity firms are getting into the cannabis game in a

big way. Just recently, numerous business people have applied to the City of Santa Rosa, California for large scale (10,000+ square feet) commercial industrial warehouse grows. These open, transparent commercial grows will be inspected by any and all governmental agencies. In a few years, I predict that Sonoma County might be generating more tax dollars from cannabis than wine.

It's estimated that investors will pour over \$1 billion into the cannabis industry in 2016 alone.

These aren't high school drop-outs living in the hills, breaking every law to grow pot, but highly educated people with MBAs, Master's and Doctorate degrees in science and biology who will be running open transparent businesses.

The Emerald Triangle needs to market "Bud & Breakfast" inns to meet consumer demand. Much like wine country, where folks like to drop their luggage off and have someone drive them around to different wineries, there is a huge un-

tapped market for private drivers to take consumers bud tasting at various farms around Humboldt, Mendocino and Trinity Counties. Currently you can hire Matt Kurth of Humboldt Cannabis Tours for a private guided tour of Humboldt's finest cannabis farms. 🍃

For more information on Humboldt Cannabis Tours contact Matt Kurth at (707) 839-4640 or visit HumCannabis.com

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## TRYING TO GET YOUR GROW PERMITTED IN HUMBOLDT COUNTY? START HERE!

### Humboldt County Outdoor Cultivation Permitting Process Flow Chart

Kendra Miers, PE

So... you've decided to make the move towards legal farming and get permitted to grow medical marijuana in Humboldt County! Congratulations! You now get to join all other legal industries in the world and wade through a pile of regulations!

To help you understand this process, Mother Earth Engineering and Green Road Consulting have teamed up to create a visual representation of the steps you need to take to apply for a county cultivation permit, which you will need to eventually get a license from the State. This flow chart is for guidance only, and exact requirements are subject to change, so please consult with a professional for the most current information.

What you need to know when starting this complex process is to START NOW. Don't wait for approval to begin addressing items on your property in need of correction, such as grading plans, building permits, and septic permits. You will need to enroll with the Regional Water Board as well, and you should do that right away.

To use the flow chart, start with the black arrow in the top center. Proceed through the GREEN boxes to see what you will need to complete your application and meet the standard conditions of the ordinance. The BLUE boxes contain administrative forms, files and fees. You may choose to do these items yourself. The ORANGE boxes are items that you as the applicant need to collect and submit copies of, or agree to do, to maintain the permit. The RED boxes are items that are generally completed by a consultant, and some of these RED box items require the services of a licensed engineer or geologist.

Of course you may decide that you would like to try to complete some of the red box items yourself – save a little money, right? Some of these are possible without the use of specialized computer software or technical expertise. Then again, you also may decide to hire a professional to do all of this for you, someone who does this stuff all day long and knows it inside and out – so that you can spend time in your garden, and get back to what you do best.

The Humboldt County Planning Department is the agency in charge of this process, and they recommend that anyone interested in applying set up an initial consultation before moving ahead. This meeting usually takes no more than an hour and the rate is \$150/hr. 🍃

See Chart



NORTHERN EMERALDS



TITAN OG

### Humboldt County Outdoor Cultivation Permitting Process Flow Chart

Note: This chart is intended for guidance only. Please consult with Humboldt County Planning Dept. for up-to-date requirements.

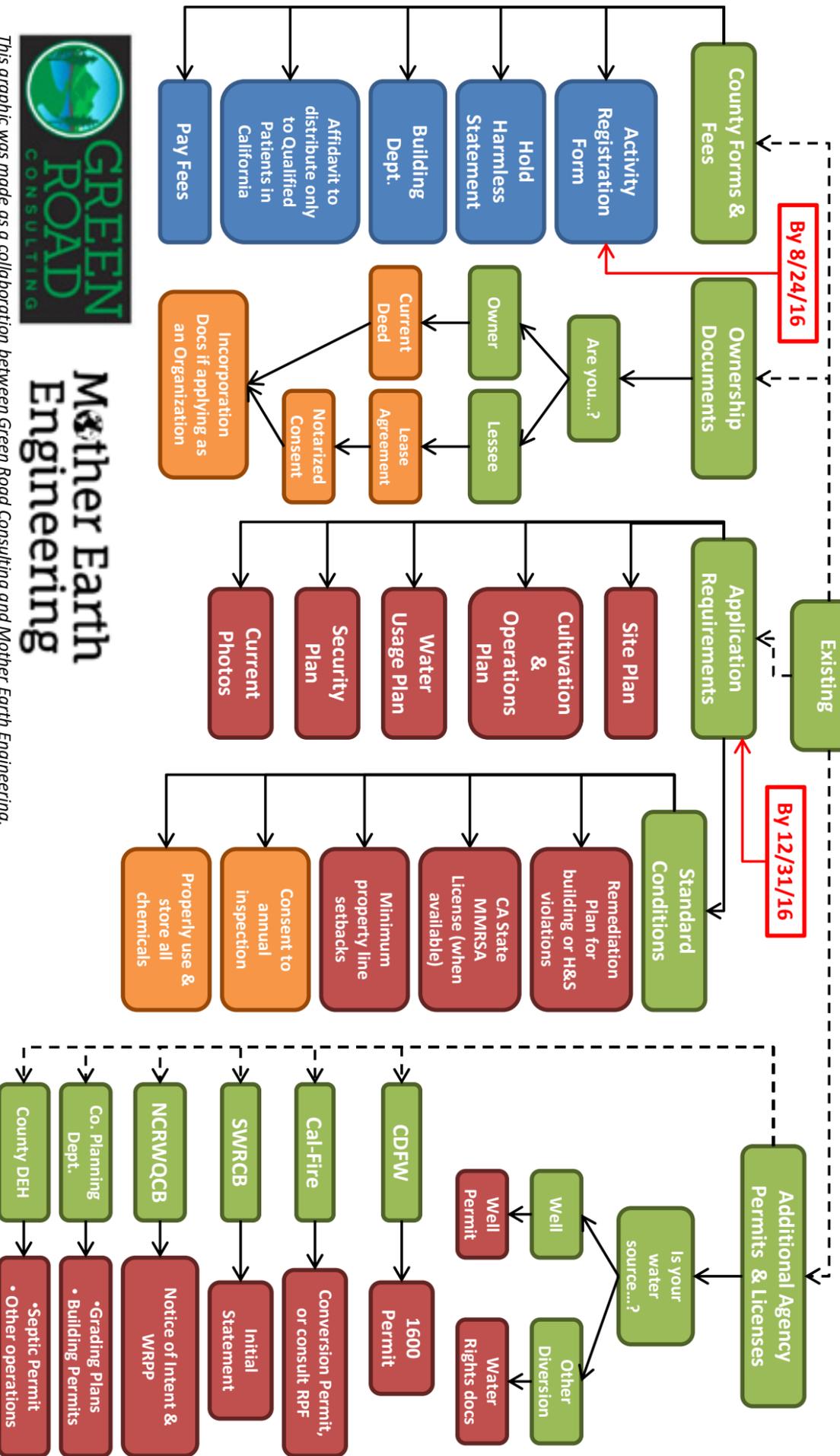
**Key:**

- Applicant
- Admin
- Technical
- Follow Me
- DEADLINES

**Abbreviations:**

- CDFW = CA Dept. of Fish & Wildlife
- DEH = Department of Environment Health
- H&S = Health & Safety
- MMSA = Medical Marijuana Regulation & Safety Act
- NCRWQCB = Regional Water Board
- RPF = Registered Professional Forester
- SWRCB = State Water Board
- WRPP = Water Resource Protection Plan

---> concurrent  
->-> consecutive



Mothers Earth Engineering

This graphic was made as a collaboration between Green Road Consulting and Mother Earth Engineering.



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