



Helping provide clean air... for all



Ambient Air Sterilizer



**Compassion Air Auto
with Photocatalytic Oxidation**

**Go online to check out our ODORLESS, CARBONLESS
exhaust systems featuring new technology
eliminating the need for expensive carbon**



**Large Room
AbsoAir Media Air Purifiers
Quietly Covers up to 1500 sq ft**



**Twin Removal System
Dual Odor Control
w/ Ultraviolet Sterilization
or Ozone Odor Control**

**Ask about our activated carbon refill packs on existing
carbon filters or our exclusive refillable carbon cylinders**

**We carry bulk 100% virgin coconut shell
activated carbon from
50 lbs. to 55 gallon drums (approx 300 lbs.)**

compassionaire.com 248/ 682-2000



Hughley says he is sick of the way pot is demonized.

D.L. Hughley

TRUTH IS FUNNY

INTERVIEW AND PHOTOS BY DAN SKYE

D.L. Hughley arrives for his interview all smiles. He's clearly having a ball. A year ago, he started his new gig as a morning on-air personality for KISS-FM, one of the premier stations competing for listeners in the fiercely competitive New York City radio market. As he points out, "I get paid for speaking about what's on my mind. Why wouldn't I be having fun?"

A conversation with Hughley is peppered with sarcastic question marks, incredulous facial expressions, and blunt commentary that causes his listeners to explode in laughter. In fact, that's how he's always made his living: He's been a top standup comic for over 20 years and was one of *The Original Kings of Comedy*—along with Steve Harvey, Bernie Mac and Cedric the Entertainer—who took the African-American experience and strip-mined it for hilarity. He was also the co-creator and star of the long-running sitcom *The Hughleys*.

Even so, Hughley's search for humor—and, ultimately, truth—is hardly relegated to the African-American experience alone. His breadth of knowledge on the key political issues of the day is impressive, and HIGH TIMES readers will note that his understanding of the Drug War is equally acute.

When did you first realize that you were funny, that you could make people laugh?

I never realized that. I never *realized* that I was funny.

But you're aware that you have a certain knack for expressing things that makes people laugh?

I do know *that*—it would be foolish to say that I didn't. But I never think of it in terms of being "funny." The more clear I am about something, the funnier the truth becomes. Like on the radio today—this health-care debate is raging, and people were saying that Obama is like *Hitler*. Now, if I'm not mistaken—and I am not a history buff, but as far as I know—Hitler wanted to rule the world and destroy people he didn't like: Jews, Gypsies, cripples. Obama is trying to give people health care! Now there *is* a difference between putting people in a gas chamber and a pap smear, between concentration camps and a rectal exam.

These things are funny to me because they are absurd. The more weighty the mistakes, the more

funny they are. There probably hasn't been a time like this since the 1960s where so much was at stake.

How do you view the phenomenon of *The Original Kings of Comedy*?

It changed everything for me. You don't want to be the college athlete who talks about himself, but every time you hear your school name, you are filled with pride. But it's not something you talk about. You are just one of the alumni.

You were a huge supporter of Obama, but Dr. Boyce Watkins has sniped that you turned your CNN show, *D.L. Hughley Breaks the News*, into a "modern-day minstrel show." What was your reaction to that?

My reaction was no reaction. You ever heard someone describe you? It's either familiar to you, or it is totally unfamiliar to you. It doesn't mean that it isn't that person's reality; it *is* reality to that person. But I am my own Inspector No. 9 ... you know, on underwear and pillows, where it says

"Inspector No. 9"? It has to pass that test, the same as when I say something—if I'm not comfortable with it, then I won't say it.

How would you grade the Obama presidency so far?

I would give it a C. But I'm ultimately very happy that health-care reform passed ... but not the way it passed, with Democratic support only. There was no Republican support. You have hope that you could gain some Republican support, but none came. So you could've passed the bill you wanted and still made the same people angry. It could've happened a year ago.

Some black Congressmen were actually called "niggers" by angry crowds as they arrived on Capitol Hill for the debate. Any perspectives on that?

I don't understand why they don't get it—you call people a "nigger" or a "faggot" because they want people to be able to go to the doctor? It seems particularly disingenuous. We can go to war—we always have money for war. We have that money, and nobody questions it at all. So to take lives, we have money. But to *save* them, we are not as willing.

Everybody has health care except for us. I don't understand it, but it's funny. You have John McCain, Rush Limbaugh, Vice President Cheney—all of whom would be dead if they didn't have health care.

Is radio just a continuation of your comedy career?

It is, and it is so funny what *is* funny. Take Gabourey Sidibe, the actress who gave that great performance in *Precious*. She looks like that dude from *The Blind Side*—but *Vogue* didn't want her on the cover because she was too fat. New York City Mayor Mike Bloomberg wants to monitor the salt

‘I remember going onstage and I did 30 minutes. I was supposed to do an hour. The owner came to me and said, “Motherfucker, if you weren’t so funny, I’d take my money back.”’

in your food at restaurants. Restaurants already disclose how many grams of fat are in dishes. The president’s wife, Michelle Obama, is involved in an anti-obesity campaign. But people get upset when *Vogue* won’t glorify obesity. It doesn’t make sense, but it *is* hilarious. The only way I can cut through all the bullshit is to pick up the newspaper and pick things out that are just hilarious.

What was your take on the Tiger Woods scandal? Let’s see, he had sex with 14 white women—so all of a sudden, he needs diversity training? A high-powered athlete, a wealthy athlete, having sex with 14 women! By the way, nobody ever talks about the women he turned down. The idea that a guy who excels in sports—an alpha male—likes to fuck! We’re more angry at him than we are at John Edwards.

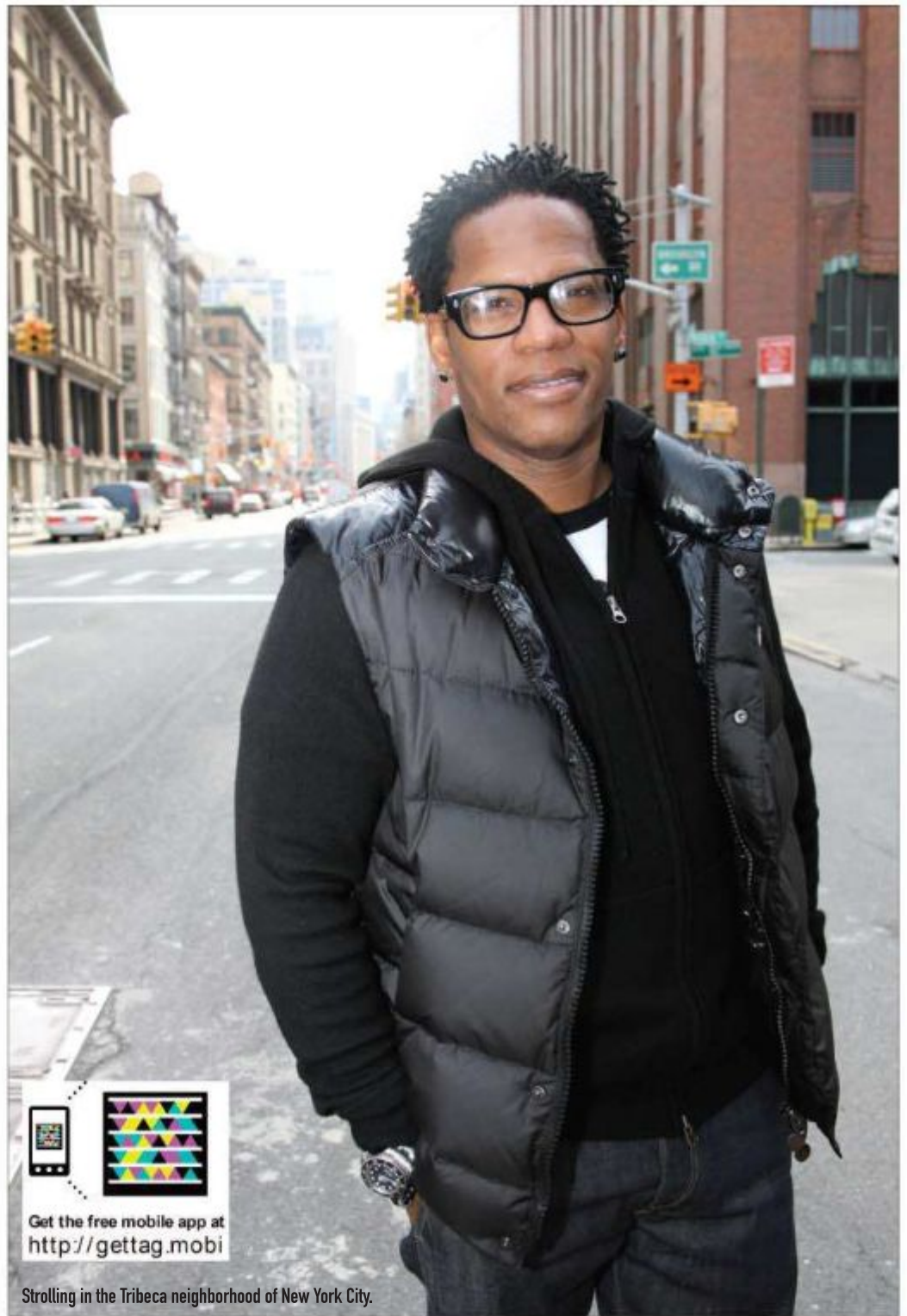
Everybody knows that Martin Luther King was a great man; he loved women. JFK changed the world. The difference between them and Tiger was—I don’t know ... TMZ, the media. Tiger just said, “If you think you can sell my image, I am not going to do anything on the contrary.” He remained private. His mistake was that he let the media create an image of him. And all of the dudes who liked Tiger Woods are still going to like him no matter what. I don’t think they’ll say, “I’m not going to buy this nine iron because it’s going to make me fuck more. Better not drink Gatorade, either!”

Okay, let’s talk about marijuana. You’ve got kids who are all legal adults. How did you deal with the issue of smoking pot?

I told them that I’d rather them do it around me than do it around ... listen, what’s more harmful? If they had a glass of wine, it would be more harmful, physically, than smoking. The one thing I’m proud about is that I certainly don’t encourage them into doing anything. But I think that pot’s been *demystified*, not *romanticized*.

Is pot useful in creating comedy?

I will tell you what it does do—I never *perform* with it. But if I want to write, I am never clearer than when I’m just a little higher. It unlocks the key; it really clears up things for me.



Strolling in the Tribeca neighborhood of New York City.

The one time I did perform high, I remember going onstage and I did 30 minutes. I was supposed to do an hour. The owner came to me and said, “Motherfucker, if you weren’t so funny, I’d take my money back”—because I thought I had been out there forever. No time perception. I was like, “Man, I’ve been up here for *three hours!*”

Do some comedians believe they’re funnier when high?

I never heard anybody make that kind of assessment. I’ve heard them talk that way about liquor—because liquor makes you say dumb shit.

Have you ever had any negative experiences with marijuana?

I was in a dispensary. I had called in my order. I went to go pick it up. I talked to the people about

my medication. Then I saw this brownie. I thought, “I’ve been getting high my whole life”—so I ate the brownie. Big mistake! I ate the whole thing. About an hour later, I was like, “I’m dying!” [laughing] You know, I could *feel* myself *dying*.

Pot food affects everybody differently.

That’s exactly what *he* said! I have been getting high my whole life—that was not *high!* It was so funny. I called my kids. I was like, “Your father’s dying—I ate too much weed!” I learned a lot from that. My kids even got me a brownie for Christmas.

You’ve always made plenty of marijuana jokes. Do you catch flak for that?

I am so tired of the way it’s demonized. Even on the radio station, they say that I shouldn’t be so open. But if I said I was a drunk, I think I could



got PRIVACY issues? use eCrypt.

- ✓ easy to use encryption software for wireless email secures against unauthorized access
- ✓ create strong encryption with your contacts even if they're on the other side of the world
- ✓ no backdoors and no remote keystore means YOU control your privacy

PRIVACY IS YOUR RIGHT.
PROTECT IT WITH eCrypt.

www.eCryptinc.com



Trading Symbol: OTCBB:ECRY

THE REPLICATOR

Field-Tested • 100-Site • Size: 32" x 21"

Please send **MONEY ORDERS ONLY** for \$249.99 (payable to REPLICATOR) to:

REPLICATOR
PO Box 16452
St. Louis, MO 63125

FREE SHIPPING IN THE USA
(all others add \$20.00 for S&H)

Inventors of prize winning systems

POLLINATOR
The home of homemade hash since 1994

Bubbleator

The quickest route from trash to stash!

Get ready

Start your run

5 minutes later

Create prize worthy resin using the original Amsterdam

Pollinator Company
Nieuwe Herengracht 25
1011 RL Amsterdam
The Netherlands
[t] +31-20-4708889
[f] +31-20-4715242
[w] www.pollinator.nl
[e] info@pollinator.nl

Ice-O-Lator Pollinator

HIGH TIMES

PRESENTS



A new magazine for medical cannabis patients and providers.

INSIDE EVERY ISSUE:

- ✦ **Ultimate Dispensary Guide**
- ✦ **Strain Reviews**
- ✦ **In-depth News**
- ✦ **Patient Resources**
- ✦ **Interviews With Activists**

Look for HIGH TIMES'

MEDICAL Marijuana

at newsstands & bookstores.

ISSUE #2 ON SALE NOW!

hightimes.com/medmj



THE HIGH TIMES INTERVIEW
The late Bernie Mac, Cedric the Entertainer, Hughley and Steve Harvey made comedy history.

'Let me get this straight—they're going to be shocked that a black man that grew up in LA, and who does showbiz for a living, smokes weed?'

probably be Foster Brooks for a new generation. [The late Foster Brooks was a comedian whose act relied solely on his impersonation of a drunk.] Even my road manager is concerned that people are going to know that I smoke weed. And I tell him, "Let me get this straight—they're going to be shocked that a black man that grew up in LA, and who does showbiz for a living, smokes weed?"

Do you use cannabis regularly?

I won't say I need it to get by—but regular enough so that if a day has a 'y' in it, I use it. But "every day" is *every day*, regardless of what I am using it for on that particular day. Before, it was kind of to be rebellious. I think it goes back to when you're younger and you do shit because you think it's cool. Then, after a while, it's your friend. After a while, I don't think it's any different than putting on your glasses.

I do hate all the shit you do to be comfortable with it. Like when I'm in New York and I smoke, my neighbor knocks on the door and says, "I smell your marijuana!"

You know the one thing I see about marijuana in New York City? It seems more rebellious. Only certain people do it. In California, it's very much more

part of the culture. That's what's so funny. I live here part of the time, and it is so different from the LA scene.

What's your take on Northern California?

Northern California wants to be the East Coast. They do! They're very liberal. They're hippies—they get on their bikes to go and get the grease for their cars. You're riding with some dude, and his car smells like In-N-Out French fries. I'm serious, man—*everything* is organic.

So where do you think this whole wave of marijuana-law reform is headed?

These are dire economic times, so a number of things are being re-evaluated. If you think of the time the court spends on prosecuting these things, the time police spend on arrests, court fees, incarceration costs Did you know that in California, every prisoner has to have \$8,800 a year in medical care—and California has the largest prison population in the country! *You* don't have that; *I* don't even have that. And 97 percent of them are in prison for drugs. I think these times are a blessing in disguise, because it makes us re-evaluate the ways we do things. ✦

GROW YOUR OWN PLANTS, VEGGIES, AND HERBS WITH FULLY AUTOMATED HYDROPONIC GROW BOX SYSTEMS!

Best Selling Super Closet "Deluxe" Hydroponic System - 24-36 Plant

Super 3 in 1 Deluxe - 24-36 Plant - 6 ft. x 4 ft. x 2ft.
\$2895 - 2 Pounds of Dried Plant Matter Per Month
400w HPS/MH | Fluorescent Lighting | Year Supply of Nutrients/Essentials & More
Co2, 600w HPS & Other Upgrades Available - Stealth Shipping
Secure Ordering Line: 888-HYDRO-81



PC Planter Hydroponics Grow Box

The PC uses 2 plants and a 50w HPS Lamp and produces 1.5 pounds of dried plant matter per year.

- * Dimensions: 6.1" x 20.4" x 18.4" (WxDxH)
- * Light Proof and Complete Discrete
- * Includes ventilation system (100+ CFM of air cooling)
- * Includes reservoir with 2 plant capacity
- * Grows over 1.5lb. of plant matter annually

Secure Ordering Line: 888-HYDRO-81



Best Selling Super "Side-by-Side" Commercial Grade Hydroponics System 44-66 Plant - 6 ft x 6ft x 2 ft



\$3495 - 5 Pounds of Dried Plant Matter Per Month
600w HPS/MH Oscillating Light System
All-in-one Capabilities | Year Supply of Nutrients/Essentials
Upgrades Available - Stealth Shipping
Secure Ordering Line: 888 HYDRO 81

\$600 Rebate
for
gas and groceries
with
every order!

Mini Cool Cab - 14 Plant - 3.5 ft. x 3 x 1.5 ft.



- * 400w HPS/MH
- * Digital Ballast
- * Year Supply of Nutrients/Essentials & More

\$1595 - 1.2 Pounds of Dried Plant Matter Per Month
Co2, RO Water Filtration & Other
Upgrades Available - Stealth Shipping
Secure Ordering Line: 888-HYDRO-81

Super Locker 7 in 1 - 6-16 Plant 66" Tall x 14" Wide x 18" Deep

\$1195 - 1.2 Pounds of Dried Plant Matter Per Month

- * 150w Full Spectrum High Lumen Bulbs
- * SuperPonics
- * Year Supply of Nutrients/Essentials
- * More

Secure Ordering Line: 888-HYDRO-81



Super Box Mini-File Personal 5 in 1 Hydroponic Cabinet - 10-12 Plant

\$695 - 1.2 Pounds of Dried Plant Matter Per Month

- * Dimensions: 30"H x 18"W x 24"D
- * 200w Fluorescent Lighting System
- * Perfect for Vegetation or Flowering
- * Air Filtered-Odor Control System

Secure Ordering Line: 888-HYDRO-81



LOW POWER | LOW HEAT | NOISE SUPPRESSION | SCENT SUPPRESSION | VIBRATION SUPPRESSION | FULLY AUTOMATED "PLUG AND PLAY"
Grow Up To 10 Times Faster | Lowest Prices Guaranteed | GROW BOXES | BEST IN THE INDUSTRY
CALL TO ORDER! 888-HYDRO-81 24/7 or VISIT OUR WEBSITE AT www.Dealzer.com

TRUSTED SINCE 1996

**June Harvest?
July? August?**

90 days start to finish
average yield 100g. dry
100% females
plant 'em and forget 'em
seriously potent

iranian autoflower

For a catalog
including a \$10 off coupon
Send \$5 to
RWJ, Box 37085, Ottawa, ON
K1V 0W9, Canada

Best stealth shipping
in the business!

Information or phone orders
1-613-330-2404

for Iranian Autoflower and 25 other world-class strains visit:
www.drgreenthumb.com

CHECK FEDERAL, STATE AND LOCAL LAWS BEFORE ORDERING.

IPassedMyDrugTest.com

Same Day and Permanent Solutions
Urine, Blood, Hair Follicle, and Saliva

Free Online
Drug Test

24/7 Hot Line | Overnight Shipping
1 800 733 4429

Test'in Products Helping Since 1993

PEST CONTROL

CONTINUED FROM PAGE 44

About Pyrethium and Spinosad

Although pyrethium is indeed an organic pest-control chemical insofar as it's not particularly toxic to humans, many growers have noticed that it can burn some particular strains of cannabis. For example, Northern Lights and Mother's Finest don't appear to burn easily, but the Skywalker strain does. This problem can be mitigated by using pyrethium foggers instead of direct application. One technique is to point a fan at a tray of clones and lightly mist the pyrethium into the fan for long-term systemic protection. If direct application is necessary, rinse it off immediately to avoid plant burn. Since pyrethium is largely indiscriminate in its slaughter of insects, it should not be used in conjunction with any beneficial insects.

Spinosad is a relatively new class of organic insecticide that derives from naturally occurring soil-dwelling bacteria. It appears to kill susceptible species like thrips by causing rapid excitation of the insects' nervous system, but it doesn't appear to work on sucking insects like spider mites because it must be ingested in order to work. This has led some biologists to experiment with applying spinosad to the root zone in order to control mites. Studies suggest that the technique may actually work for rockwool substrates. Be aware that both spinosad and highly concentrated doses of neem can destroy bee colonies (and surely other beneficial insects as well) if applied indiscriminately outdoors.



A gentle balance: create maximum resin without burning it off with pest control products.

Lessons Learned

Ten or 15 years ago, growers could have been forgiven for thinking that they might one day have to move into a spider-mite tent when their Avid no longer worked. As cannabis grow information has proliferated in books and on the Internet, today's growers understand their pest threats and treatment options far better than they did back then.

By studying the life cycles and features of the primary cannabis pests, growers can replace toxic pesticides with natural substitutes. And by timing the release of beneficial insects with the application of organic chemical treatments, we can create artificial ecosystems within our indoor grows. After all, it was the artificial-grow environment that created the runaway pest problems to begin with. Nature's tendency, by contrast, is a balanced ecosystem where most bugs never get a chance to explode out of control.

Clearly, nobody can blame the bugs for wanting to munch on our sugary buds—it's not their fault that they have such good taste in cannabis. But we have to figure out ways to solve our bug problems that don't involve harming people or the environment. The indoor organic pest-control philosophy has turned indoor cannabis cultivation into a process that any attentive grower can master. ✨



Get the free mobile app at <http://gettag.mobi>

NICO ESCOBAR

Herbal Smoke Blends

17.95 1 gram 59.95 5 gram

Strictly Confidential / Discreet Shipping
Express / Free Shipping Available
U.S. and Worldwide

"We put the MAGIC in the Herb"

Wicked X Wicked Wicked

Receive additional **10% off** when you enter **"hightimes710"** at check-out!

1-800-524-8570

herbal magics .Com

Legal Highs

Check Local, State and Federal Laws Before Ordering

Visit us at: www.herbalmagics.com

- euphoric relaxing
- clean burning 2 potencies
- un-compromised highs
- better than K2 or Spice
- 5 flavors to choose from
- 100% guaranteed
- nothing else compares!
- online ordering
- U.S. Based Company
- wholesale - affiliate programs

Take A Walk On The Wild Side

Join the Adopt-A-Manatee Program

You can help endangered manatees:
Save the Manatee Club
590 N. MAITLAND AVE. • MAITLAND, FL 32751
1-800-432-JOIN (5466)
WWW.SAVETHEMANATEECLUB.ORG
501 (MANATEE) 501 • 11 (TURTLE) 501 (TURTLE) 501 (TURTLE) 501 (TURTLE)
Photo © The Manatee Club

DISCOVER HOW THIS EASY WAY OF BOOSTING YOUR PLANT'S ROOTS GETS YOU BIGGER HARVESTS!

You're about to discover how easily you can enlarge the power dimensions of your plant's roots and guarantee yourself bigger harvests with custom-designed microbially active supplements ...

These powerful supplements create ideal root zone environments better able to intake nutrients ... resist stress and diseases ... and your roots stay stronger because beneficial microbes break down old root material, providing nutrition while enabling roots to repair themselves and create new tissue.



Root mass of tomato plants, same seed, same age, same number, harvested after 42 days of growth. Plants on left received VooDoo Juice.

Plus, microbes help oxygen to penetrate more into your roots ... capture nitrogen ... and help pump more phosphorus into your plants.

The question has now become...what is the best way to install beneficial microbes into your hydroponics root zone?

To answer this question, Advanced Nutrients scientists conducted a multi-phase research project on a unique suite of beneficial microbes contained in VooDoo Juice. They discovered, when used as directed, VooDoo Juice provides:

- Faster-developing roots on your seedlings, transplants and clones
- Your roots have more branching, root density, root mass
- Increases in your root size up to 117%
- Faster, more efficient intake of nutrients, saving you time and money
- Your plants give faster growth, larger flowers
- Your roots are more resistant to heat, stress, drought, nutrient burn and other common problems.



Fast Facts

PRODUCT TYPE:

Beneficial Bacteria Root Booster

GARDEN TYPES:

VooDoo Juice has been specially designed for use with all hydroponics, sphagnum, coco coir and soil growing mediums. VooDoo Juice has been developed for use with any and all hydroponic, aeroponic, drip irrigation, NFT, flood & drain, drip emitters and continuous liquid feed growing systems.

WHEN TO USE:

Early Veg Phase, Early Flowering, Cloning, Transplanting, Growing from Seedlings

MIXING DIRECTIONS:

Use 2 mL per Liter during weeks 1 through 2 of your flowering phase, and during weeks 1 through 2 of vegetative growth.

GROWER EXPERIENCE LEVEL:

Hobbyist, Expert, Professional and Grand Master Growers

COMPANY FOUNDERS' NO-RISK, 100% MONEY BACK GUARANTEE:

If for any reason you're not absolutely delighted, we'll refund all your money back it's that simple.



NEW!

HIGH TIMES
PRESENTS

Jorge Cervantes

ULTIMATE GROW

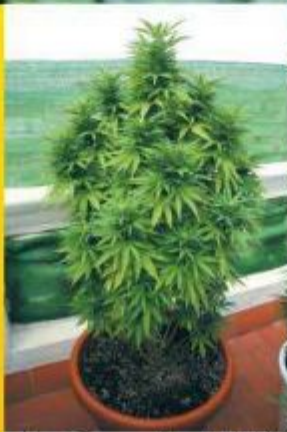
COMPLETE BOX SET



Acclaimed international ganja guide Jorge Cervantes proudly presents this Collectors' Edition Box Set, which includes his first two best-selling DVDs for HIGH TIMES, plus a brand-new bonus disc featuring never-before seen garden tours and growing tips, hilarious outtakes, advice on how to build a wheelchair-accessible garden, a video biography and Jorge's definitive guide to Amsterdam.

Disc One, *Ultimate Grow: Indoor Marijuana Horticulture*, gets you started with a complete overview of the cannabis plant and its lifecycle. Disc Two, *Ultimate Grow: Hydroponic Cannabis Indoors & Organic Marijuana Outdoors*, features Jorge on a magical tour of the best gardens in his home country of Spain.

The Collectors' Edition Box Set also comes with a beautiful, full-color 48-page booklet that includes the behind-the-scenes story of these informative DVDs, plus a selection of Jorge's best articles for HIGH TIMES magazine. \$49.95



HIGH TIMES
PRESENTS

Jorge Cervantes

ULTIMATE GROW

COMPLETE BOX SET

1 INDOOR MARIJUANA HORTICULTURE
Step-by-Step Instructions for Beginners

2 HYDROPONIC CANNABIS INDOORS & ORGANIC MARIJUANA OUTDOORS

3 JORGE'S GUIDE TO AMSTERDAM & MORE!
Bonus Features and Garden Outtakes



DISC ONE INCLUDES: ✨ BUILDING A GROWROOM ✨ LIGHTS, LAMPS AND ELECTRICITY ✨ SEEDS, CLONES AND SEEDLINGS ✨ VEGETATIVE GROWTH AND FLOWERING ✨ PESTS & DISEASES ✨ HARVEST, DRYING AND CURING
PLUS: SPECIAL HASH-MAKING BONUS!

DISC TWO INCLUDES: ✨ OUTDOORS VS. INDOORS ✨ HYDROPONICS AND ORGANIC HYDRO ✨ PLANTING GUERRILLA GARDENS ✨ MAKING SOIL ✨ JUDGING CONNOISSEUR CANNABIS
PLUS: CLONING & HARVESTING BONUS FEATURES!

BONUS DISC INCLUDES: ✨ GUIDE TO AMSTERDAM ✨ BONUS GARDENS ✨ UNRELEASED SCENES ✨ HILARIOUS OUTTAKES ✨ JORGE BIO ✨ HELPFUL HINTS


ORDER TODAY AT HIGHTIMES.COM/HEADSHOP
PREVIEW AT HIGHTIMES.COM/JORGEDVD


 www.aqualabtech.com



AQUA LAB
technologies

Call, Click or Visit Our Store
www.aqualabtech.com
Customer Service: (951) 683-4940
1960 Chicago Ave. Suite D-9 Riverside, California 92507

Find us on:  [facebook. Facebook.com/AquaLabTech](https://www.facebook.com/AquaLabTech)

 [Youtube.com/user/AquaLabTech](https://www.youtube.com/user/AquaLabTech)



Visit our new store in Riverside, CA!
2220 Eastridge Ave. "C" just off the 215/60!

Discreet Shipping **(888) HYDRO98** Low Low Prices

1000w HPS Light System



Hydrotan - 50 Liter Bag



1000w HPS Or MH Bulb



Hydrohut 4'x4' Grow Tent



All Ways HYDRO.COM
we make your garden greener in ALL WAYS!

www.allwayshydro.com

GET THE SKUNK OUT OF YOUR GARDEN

American Ion Generators emit positive and negative ions into the air and **GET RID OF SKUNKY ODORS AND ELIMINATE SMOKE ENTIRELY.**

CALL 912.354.3777
MENTION PROMO CODE **AB-390**
TO RECEIVE \$50 OFF YOUR PURCHASE ORDER.



WATCH OUR VIDEO
VISIT OUR WEBSITE TO WATCH OUR SMOKE TEST.

MONEY BACK GUARANTEE!



AMERICAN ION
Breathe the Benefits™

The American Ion generator also purifies the air and helps get rid of viruses and bacteria to create a healthy growing environment for your precious crops.

www.breathethebenefits.com

 www.aqualabtech.com




WICKED SANDS




AQUA LAB
technologies

Call, Click or Visit Our Store
www.aqualabtech.com
Customer Service: (951) 683-4940
1960 Chicago Ave. Suite D-9 Riverside, California 92507



Find us on:  [facebook. Facebook.com/AquaLabTech](https://www.facebook.com/AquaLabTech)

 [Youtube.com/user/AquaLabTech](https://www.youtube.com/user/AquaLabTech)



Visit our new store in Riverside, CA!
2220 Eastridge Ave. "C" just off the 215/60!

Discreet Shipping

(888) HYDRO98

Low Low Prices

1000w HPS Light System



\$169.99!

Hydrotan - 50 Liter Bag



Limit 6 without grow system purchase

Only \$25.99!

1000w HPS Or MH Bulb



Just \$34.99!

Hydrohut 4'x4' Grow Tent



Other sizes available - call to inquire.

\$299.99!

All Ways HYDRO.COM
we make your garden greener in ALL WAYS!

www.allwayshydro.com

GET THE SKUNK OUT OF YOUR GARDEN

CALL 912.354.3777

MENTION PROMO CODE

AB-390

TO RECEIVE \$50 OFF YOUR PURCHASE ORDER.

American Ion Generators emit positive and negative ions into the air and **GET RID OF SKUNKY ODORS AND ELIMINATE SMOKE ENTIRELY.**



WATCH OUR VIDEO
VISIT OUR WEBSITE TO WATCH OUR SMOKE TEST.

MONEY BACK GUARANTEE!



AMERICAN ION
Breathe the Benefits™

The American Ion generator also purifies the air and helps get rid of viruses and bacteria to create a healthy growing environment for your precious crops.

www.breathethebenefits.com



GROWORLD

THE GREEN REVOLUTION 116



WEED POSTER (left)

I am a longtime fan of your magazine, I took a picture of this Kush bud, pipe and joint. Everyone loved the picture and suggested I submit it to my favorite magazine. I was thinking about it but everyone kept saying I SHOULD! I hope you and the HIGH TIMES readers appreciate the picture as my friends did.—Jeffrey DuPree, Mason Lee Photography



MARTY'S MEDS (above)

Here's a pic from a 62-year-old cannabis crusader in California. Thanks for all the advice! —Marijuana Marty

WHO NEEDS A NUG? (lower left)

This is a creation of mine: White Skunk x Purple Kush. I call it Wurple! Much respect! —Nowstopwhining

LEGAL LOVE (lower right)

This is a pic from my last crop of legal medication. The plant is called Forbidden Fruit, also known as Le Fruit Defendu. All my plants are grown in soil. Hope you guys like them.—Grecco





GROW MICRO BLOOM

IF YOU WANT THE BIGGEST, MOST COLORFUL, MOST AROMATIC, AND MOST IMPRESSIVE FLOWERING POSSIBLE, HERE'S HOW GRAND MASTER GROWERS FORCE MORE NUTRIENTS INTO

High-Profit Plants, Incredibly FAST!

R.K. is a grand master grower of high profit plants from Santa Rosa, California. For over 15 years he used the same 3-part General Hydroponics fertilizer in his 20-light grow room.

But luckily, R.K. heard about a brand-new 3-part formula ... and ... he had a lot of clones he could afford to try a new fertilizer on. Although he was sceptical, he decided to test this new scientist-developed formula against the fertilizer he had been using for over fifteen long years in a straight up, head-to-head, growing test.

And the results amazed him ...

"... Right off the bat, it was easy to see that my clones grew faster, they were greener and stronger, and they were ready for flowering about two weeks earlier.

"My bloom cycle was more productive ... I used less fertilizer overall ... and got better growth and yield. I guess I learned to keep an open mind and to always look for the best way to do something, not just the way you're used to. Now, Grow-Micro-Bloom (GMB) is the solid foundation for my 20-light garden!"

Why Big-Time Growers Of High-Value Plants Demand A Superior 3-Part Formula

While a premium 2-part formula like our Connoisseur is actually the most effective way to precisely dial in the exact nutrients and ratios your plants need ... many growers enjoy the simplicity of an easy-mixing 3-part formula ... and they still want the most effective formula possible.

That's why they demand only the best when it comes to:

- Using 3-part formulas specifically designed for their high-value plants ...
- Using formulas with the absolute best and most potent nutrients and ratios ...
- Using the most advanced, state-of-the-art, "carrier molecules" to ensure their plants get the maximum amount of nutrients in the least amount of time ...
- Using the formulas which have been proven, in multiple scientific studies, to get more color, more aroma, more size, and more potency from our plants ...
- And using formulas which are not only highly-advanced and easily customizable, but easy to mix and use ...

In fact, Grand Master Growers have found Grow-Micro-Bloom (GMB) from Advanced Nutrients is the only 3-part formula on the market which meets all these criteria. Here's why the others don't measure up ...

The 3 Biggest Problems With Other 3-Part Formulas

If you've been growing for any amount of time, these three problems

will be very familiar to you:

Big Problem #1: Most 3-part formulas are NOT made for the types of plants we grow because you'll discover they're about the same as the little \$3.50 bottles of granulated fertilizers the average homeowner uses on their garden flowers. They're made in generic ways with generic ingredients.

Big Problem #2: Is directly related to the fact other 3-part formulas are not made for high-value plants like ours ... and that is ... they're hard to mix and monitor and are the direct cause of many of your plant growing problems.

Many include artificial dyes of an unknown amount and molecular structure which could harm your plants (instead of harmless, organic dyes) ... they don't have the right PPM or pH ... they burn roots ... they don't feed plants the right nutrients leading to slow growth and reduced harvests ... and they may contribute to other growing problems. The bottom line? They basically wreck crops and waste your garden's potential!

Big Problem #3: If you're using other, different, formulas ... even if ... you do manage to get a formula with nutrients which are good for you plants (which, as you've seen, most don't have) ... then ... you're probably still wasting most of those nutrients because those formulas don't have carrier molecules to drive those nutrients straight into your plants faster and more efficiently. This is actually a big problem because most of your nutrients are not getting into our plants which wastes your money ... and ... this causes longer crop cycles which wastes your time. But it doesn't need to be this way ...

Here's How GROW-MICRO-BLOOM (GMB) Is Actually 5-Products-In-One!

The fact of the matter is: GMB offers you more value for your money than any other 3-part formula on the market and it's simply because you get 5-products-in-one with this formulation.

Here's how ...

- GMB now contains Wet Betty which is an organic surfactant that lowers the surface tension of your water, allowing easier spreading and uptake of nutrients into your plants.
- The second ingredient is humic acid which provides natural carrier compounds that transport nutrients and vitamins into your plants more efficiently, so they grow faster and have stronger cellular processes.
- The third ingredient is fulvic acid which gives you quicker nutrient absorption, nutrient transport, and more cellular metabolism. Together, these two acids work synergistically to maximize the time your plants spend in bloom.
- The fourth ingredient in GMB is the highly-potent bud-potentiating nutrients themselves that feed your plants exactly what they need for fast, high-powered growth and impressive finishing harvests.
- And the fifth and final ingredient is the specialized "chelates" we've already talked about that get these high-powered nutrients into your plants as fast and as efficiently as possible!

COMPANY FOUNDERS' NO-RISK, 100% MONEY BACK GUARANTEE: If for any reason you're not absolutely delighted, we'll refund all your money back it's that simple.



Advanced
Nutrients



ALWAYS YIELD (above)

Here's a pic of my harvest. I hope you all enjoy it as much as I do! Thanks!—Chris

FLURO BUREAU

(above)

This is my stocky White Widow, three weeks into flowering under fluorescent lighting. —jon

A NEW BREED (right)

Hello, HIGH TIMES! Y'all rock! I've been crossing and breeding and came out with some amazing results! Here's a shot for you to enjoy! —Mauvefarmer





**VISIT OUR LOCATION FOR
HASSLE FREE SHOPPING**
5831-UNIT A AVENUE DU PARC
MONTREAL, QUEBEC, CANADA
H2V-4H4

**MONDAY - SATURDAY
10AM - 6PM
SUNDAY
12PM - 4:20PM**

M.S.B.
INTERNATIONAL INC.



SEND
\$35
& Receive a
Full Colour
Price Catalogue

QUEBEC'S BEST

HASHY SENSI STAR \$90.00
KEMO SENSI STAR \$90.00

DONT SEE WHAT YOUR LOOKING FOR?
CALL FOR ADDITIONAL STRAINS



ZOMBIE VIRUS \$125.00
POW TANG \$125.00

DONT SEE WHAT YOUR LOOKING FOR?
CALL FOR ADDITIONAL STRAINS



MANITOBA POISON \$140.00
EARLY SATIVA \$140.00

DONT SEE WHAT YOUR LOOKING FOR?
CALL FOR ADDITIONAL STRAINS

DUTCH PASSION

FEMINIZED PACKS OF 10

SKUNK # 11 \$180.00
WHITE WIDOW \$260.00
MAZAR \$250.00
POWER PLANT \$235.00
JORGE'S DIAMONDS \$240.00
BRAINSTORM \$185.00
EUFORIA \$220.00
DURBAN POISON \$254.00

REGULAR PACK OF 10

TWILIGHT \$150.00
BLUEBERRY \$200.00

DONT SEE WHAT YOUR LOOKING FOR?
CALL FOR ADDITIONAL STRAINS

Serious Seeds

REGULAR PACKS OF 10

KALI MIST \$200.00
BUBBLE GUM \$200.00
WHITE RUSSIAN \$200.00
CHRONIC \$190.00
AK 47 \$200.00

W ALSO STOCK FEMINISED SERIOUS STRAINS,
CALL FOR DETAILS

Solar Warrior

RAINBOW SKUNK \$140.00

DONT SEE WHAT YOUR LOOKING FOR?
CALL FOR ADDITIONAL STRAINS

Lowryder

REGULAR AUTO FLOWERING PACKS OF 10

LOWRYDER #2 \$85.00
PURPLE RYDER \$85.00
LOWRYDER DIESEL \$135.00

FEMINIZED AUTO FLOWERING PACKS OF 10

LOWRYDER \$135.00
LOWRYDER #2 \$135.00

DONT SEE WHAT YOUR LOOKING FOR?
CALL FOR ADDITIONAL STRAINS



REGULAR PACKS OF 10

SWISS BLISS \$165.00
MAGIC BUD \$145.00
NEBULAR \$195.00
SATIVA SPIRIT \$155.00
BELLADONNA \$140.00
WAPPA \$165.00

FEMINISED PACKS OF 5

ROX \$185.00
OPIUM \$190.00
SPOETNIK \$185.00
ICE CREAM \$185.00
JACKY WHITE \$185.00
WHITE BERRY \$185.00
DELAHAZE \$185.00
NEBULA \$190.00

DONT SEE WHAT YOUR LOOKING FOR?
CALL FOR ADDITIONAL STRAINS



REGULAR PACKS OF 10

KUSHAGE \$240.00
MK-ULTRA \$260.00
SAGE N SOUR \$250.00
BURMESE KUSH \$235.00
SKUNK XXX \$140.00

DONT SEE WHAT YOUR LOOKING FOR?
CALL FOR ADDITIONAL STRAINS



MIGHTY MITE \$140.00
SEA LEVEL \$140.00

DONT SEE WHAT YOUR LOOKING FOR?
CALL FOR ADDITIONAL STRAINS

NIRVANA

REGULAR PACKS OF 10

WHITE WIDOW \$120.00
AK-48 \$95.00
B52 \$85.00
BIG BUD \$105.00
BLUE MYSTIC \$95.00
BUBBLELICIOUS \$95.00
CALIFORNIA ORANGE \$95.00
EARLY BUD \$105.00
EARLY MISTY \$105.00
WHITE RHINO \$105.00
ICE \$105.00

DONT SEE WHAT YOUR LOOKING FOR?
CALL FOR ADDITIONAL STRAINS



REGULAR PACK OF 13

CANNADENTIAL \$235.00
CANNALOPE HAZE \$235.00
C13 HAZE \$195.00
ANUNNAKI \$195.00
CONNIECHUNG \$235.00
LA CONFIDENTIAL \$260.00
SOURCREAM \$235.00
KUSHBERRY \$235.00
LEMON SKUNK \$235.00
PURE AFGHAN \$140.00
SWEET HAZE \$235.00

DONT SEE WHAT YOUR LOOKING FOR?
CALL FOR ADDITIONAL STRAINS

Quebec's Gold

REGULAR PACKS OF 10

SWEET WIDOW \$110.00
AK-47 \$110.00
BLUEBERRY \$110.00
WHITE WIDOW \$110.00
GREAT WHITE SHARK \$110.00

DONT SEE WHAT YOUR LOOKING FOR?
CALL FOR ADDITIONAL STRAINS

Next Generation

AVALON \$140.00
BONKERS \$140.00
ROMULAN X HASH PLANT \$140.00
ROMULAN X ISLAND SKUNK \$140.00
ROMULAN X TIMEWARP \$140.00
TIMEWARP \$140.00
ROMULAN X DIESEL \$140.00

DONT SEE WHAT YOUR LOOKING FOR?
CALL FOR ADDITIONAL STRAINS

Green Horse Seed Co.

FEMINISED PACKS OF 5

A.M.S. \$140.00
THE CHURCH \$140.00
BIG BANG \$140.00
WHITE WIDOW \$140.00
WHITE RHINO \$140.00
HIMALAYAN GOLD \$150.00
SUPER SILVER HAZE \$185.00
SUPER LEMON HAZE \$150.00
EL NINO \$140.00
GREAT WHITE SHARK \$145.00
ARJANS STRAWBERRY HAZE \$150.00
ARJANS HAZE #1 \$150.00
ARJANS HAZE #2 \$150.00
ARJANS HAZE #3 \$150.00
ARJANS ULTRA HAZE #1 \$150.00
ARJANS ULTRA HAZE #2 \$150.00
ARJANS ULTRA HAZE #3 \$150.00
TRAINWRECK \$145.00
KING KUSH \$145.00
LEMON SKUNK \$140.00
DAMN SOUR \$145.00
GREEN - O - MATIC \$140.00
K-TRAIN \$145.00
NL HAZE \$150.00
HAWAIIAN SNOW \$140.00
JACK HERER \$175.00
CHEESE \$150.00
BUBBA KUSH \$150.00

MIXED PACKS CALL FOR DETAILS
SATIVA / INDICA MIX PACK \$175.00
INDICA MIX PACK \$175.00
SATIVA MIX PACK \$175.00
BLACK & WHITE MIX PACK \$175.00
RASTA MIX PACK \$175.00

DONT SEE WHAT YOUR LOOKING FOR?
CALL FOR ADDITIONAL STRAINS

British Columbia Seed Company

AK \$140.00
JACK \$140.00
MAUI MIST \$140.00
BUBBLE FUNK \$140.00

DONT SEE WHAT YOUR LOOKING FOR?
CALL FOR ADDITIONAL STRAINS

Secret Valley

TOP DOLLAR \$140.00
NORTHERN FLAME \$140.00

DONT SEE WHAT YOUR LOOKING FOR?
CALL FOR ADDITIONAL STRAINS

Product Info: _____

Ship To: _____

MAIL ORDERS TO: 5831-Unit A PARK AVENUE MONTREAL, QUEBEC H2V-4H4 Total: _____

International Money Orders Payable to M.S.B. International

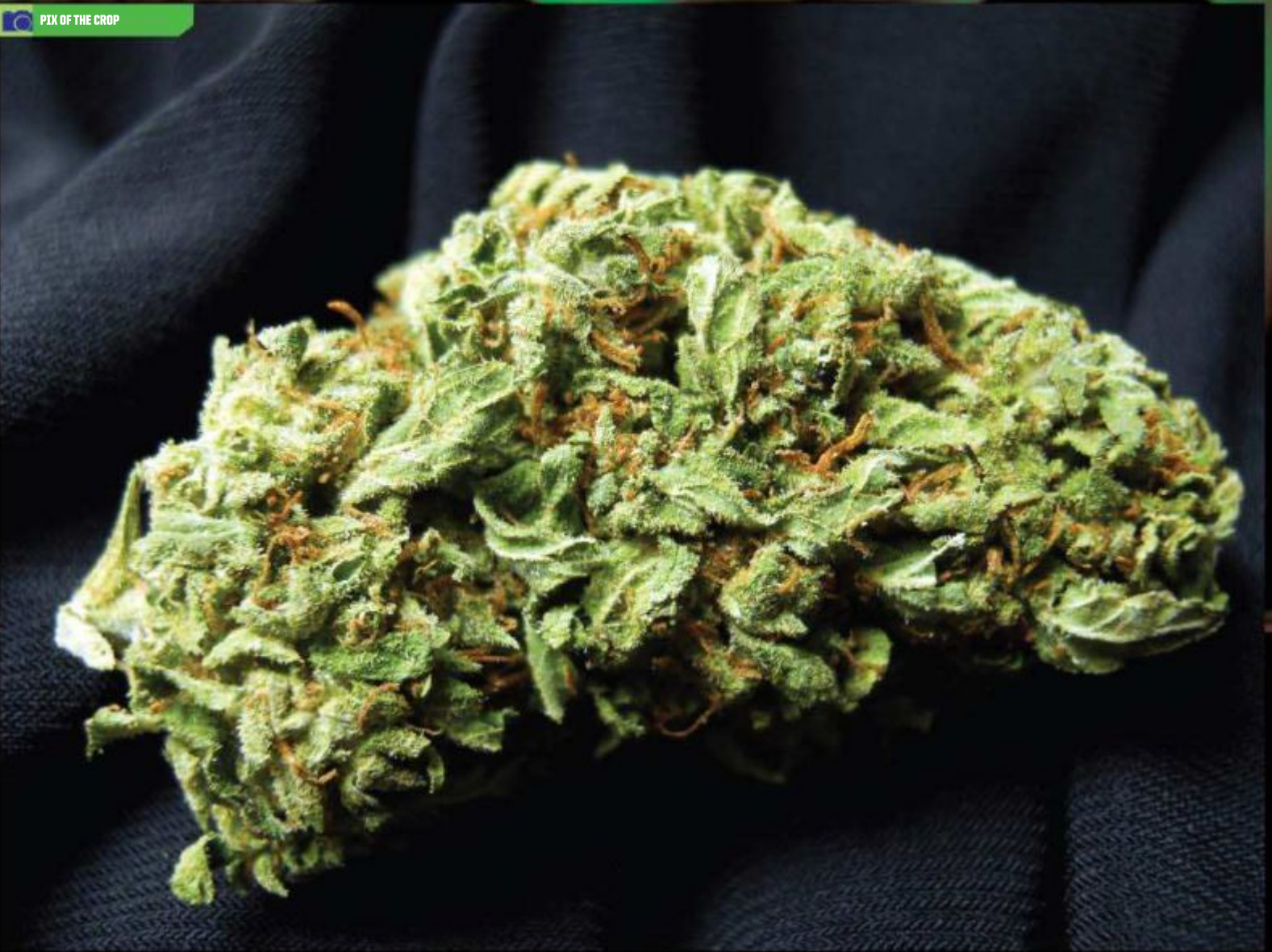
We also accept CASH, use a jiffy bag or bubble envelope, DO NOT MAKE IT
OBVIOUS THAT THE PACKAGE CONTAINS CASH!
Include the \$20.00 shipping fee - Worldwide!



MONEY TRANSFERS
WESTERN UNION MADE PAYABLE TO
M.S.B. INTERNATIONAL

ORDER HOTLINE!

WWW.MONTREAL-SEEDBANK.CA 514-279-7333



SHRED THE CHEESE

This is my nug of Big Buddha Cheese. It's got the perfect high, not too heady and not too sleepy ... just right!

—Swiftmud



GROWING WITH GRANDAD

This is some Granddaddy Purple, all-organic and grown under a 400-watt HPS and 68-watt CFL. Grow Yer Own Man says, "Thanks, HIGH TIMES!"

—Dan the Urban Garden Man

Pix of the Crop is reader-driven. Your submissions make all the stoners of the world dream of kind nug. Send pictures (no Polaroids), tips, questions and stories to: HIGH TIMES, 419 Park Avenue South, 16th floor, New York, NY 10016. Digital photos can be e-mailed to mailbag@hightimes.com and must be hi-res for publication. Remember, by submitting photograph(s) you thereby grant permission to the publisher to reprint photograph(s) in HIGH TIMES, as well as in any other Trans-High Corp. publication.

SENSI BLOOM

The Bodybuilding Secret That Gives Your Plants Bigger, More Potent Buds!

In the sport of bodybuilding, athletes supplement with amino acids to help fuel muscle growth because they're the essential "building blocks" on which protein growth is based.

But your plants can benefit from the addition of amino acids too! That's why the 4th ingredient in this one of a kind 2-part base nutrient is amino acids. These amino acids are the building blocks of proteins that fuel metabolic pathways for enhanced floral and essential oil production.

Ingredient #5 is, of course, the actual plant-maximizing nutrients themselves. But, you should know ...

How To Get The Optimal Amounts of Micro and Macro Nutrients For a Bigger Yield

To ensure your plants get the most out of the nutrients you're feeding them, the scientists rely on chelation to enhance absorption. In fact, this 5-in-1 formula contains the optimum number of chelated macronutrients that your plants need for faster growth and bigger blooms.

In addition, the following micronutrients are 100% chelated: iron, zinc, manganese, molybdenum, copper, boron and cobalt ... which of course means ... your plants more easily absorb and use these nutrients—giving you bigger buds and more yield from the same bloom time!

How This New Plant Growing Technology Maximizes Your Bloom Phase So You Get A Huge Harvest You Can Be Proud Of

This team of respected scientists and their graduate assistants worked around the clock to ensure this nutrient worked unlike any other:

- You get earlier flowering with more budding sites ...
- You get a shorter internode length and more buds per stem ...
- You get thicker diameter flowers with better floral structure because the powerful, pure ingredients feed your plants more effectively ...
- You get more time in peak bloom because your plants flower earlier giving you more weight, more aroma, more color and more potency ...

If they had stopped there, you would still have seen an impressive increase in your total yield.

However, in developing this advanced 2-part bloom fertilizer – Sensibloom — this team of scientists went the extra mile!

The Ideal Ratios, Already Dialed In For You ...

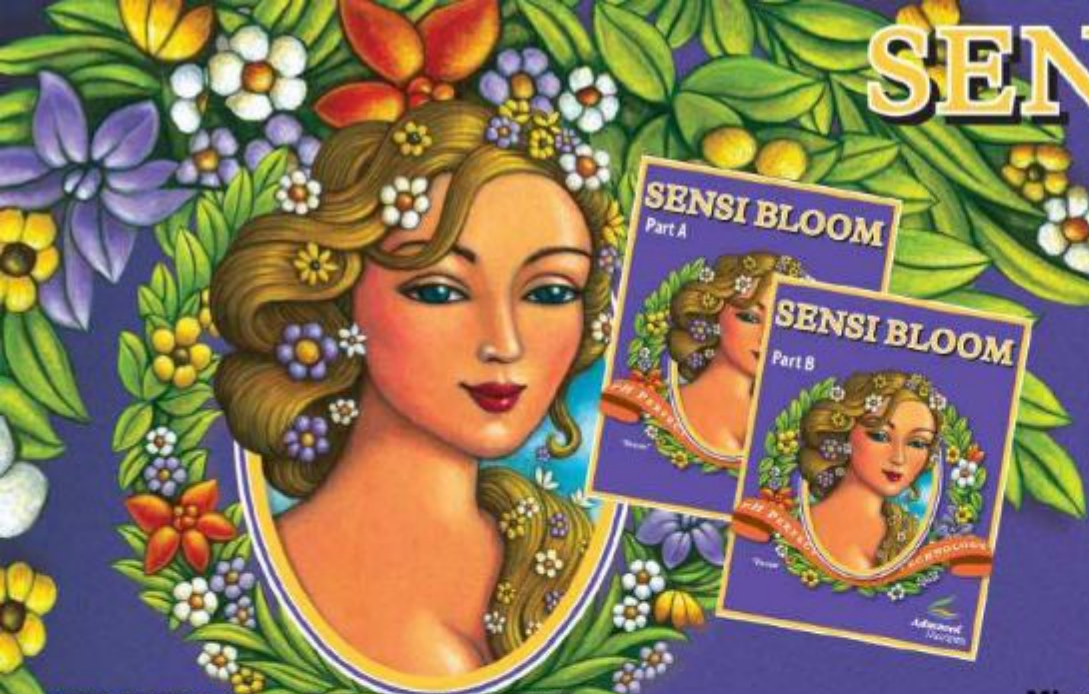
It's a known fact that the further you move away from feeding your plants their ideal nutrient ratios, potency and yield rapidly deteriorate.

You see, your plants use a small amount of phosphorus during flowering, but what they really love to use is nitrogen and potassium. The scientists at Advanced Nutrients discovered this only after taking thousands of weekly tissue samples from buds, stems, leaves and roots of many varieties using gas chromatography analysis throughout all phases of plant growth.

Other nutrient companies are over-using phosphorus in hydroponic bloom fertilizers. And to compound problems, they use high levels of ingredients like mono ammonium phosphate (MAP) or diammonium phosphate (DAP). These substances are what give some plants their harsh taste.

But the good news is: with Sensibloom you're guaranteed to have the correct nutrient ratios for your plants!

COMPANY FOUNDERS' NO-RISK, 100% MONEY BACK GUARANTEE: If for any reason you're not absolutely delighted, we'll refund all your money back it's that simple.



IT'S THE LATEST IN SCIENTIFIC
"5-IN-1" BLOOM PHASE TECHNOLOGY ...

the "Secret"

GRAND MASTER
GROWERS HAVE USED
TO WIN EVERY MAJOR

GROWING COMPETITION IN THE WORLD!

Now, you don't have to be an Expert, Grand Master Grower in order to get bigger, juicier, more aromatic, and more potent buds from your plants. All you have to do is put the same secret grand master growers have used to win every major growing competition in the world to use with your plants.

Here's the story: recently, a respected team of over a dozen plant scientists and graduate assistants discovered, after 109 man-years of research, how to combine 5 different plant improving formulas into one breakthrough 2-part bloom base nutrient.

What's more: you'll never have to worry about pH issues again because these scientists have completely eliminated the need for pH-PPM metering or even adjusting pH levels with their patented pH-Perfect™ Technology.

All this in effect means it is now possible for even the most inexperienced hydroponics rookie to start experiencing "pro level" juicy yields and buds!

The "Secret" 5 Part Plant Maximizing Formula and How Science Ensures Get You Bigger, Juicier Buds From Your Plants Because of It!

Ingredient #1 ensures that the nutrients in this formulation get into your plants as quickly as possible. It's an organic surfactant called Wet Betty and it does something every plant grower wants ...

... Surfactants are wetting agents that lower the surface tension of a liquid (in this case, nutrient-rich water) allowing easier spreading and uptake of nutrients into your plants. Which of course means your plants will get the organic nutrients they crave faster and more efficiently than ever before — which greatly increases your plant's bloom yield.

Ingredients #2 and #3 are humic and fulvic acids. These organic acids give your plants an edge when it comes to growing quicker, stronger, and bigger ... with less stress ... than with any other formulation. Here's how .

The humic provides natural carrier compounds that transport nutrients and vitamins into plants more efficiently, so your plants grow faster and have stronger cellular processes. In addition, the fulvic here gives you quicker nutrient absorption, nutrient transport, and more cellular metabolism. Together, they work synergistically to maximize the time your plants spend in bloom.

And ingredient #4 completes the package because it's ...

WHEELS OF PROGRESS

Any shreds of doubt that cannabis is good medicine were eliminated once and for all at this year's Patients Out of Time conference. Now, only ignorance stands in the way of its acceptance.

Story & photos by Dan Skye

At this year's Patients Out of Time conference in Rhode Island, the latest studies and reports focusing on the therapeutic value of medical marijuana were once again disseminated to health professionals and the media. Of course, whether the mainstream media will ever perform its task honorably and report the truly miraculous news regarding cannabis continues to be an open question. Regardless, the detractors of medical marijuana have become isolated by their stubborn—if not downright perverse—refusal to recognize the stark truth: Cannabis *is* the “medicine plant.” And that was precisely the theme and formal title for the sixth Patients Out of Time Clinical Conference on Cannabis Therapeutics.

Patients Out of Time is an organization founded by the husband-and-wife team of Al Byrne and Mary Lynn Mathre. Mathre, a registered nurse, is one of the nation's leading patient advocates and has been instrumental in bringing the American Nurses Association onboard as supporters of medical cannabis. Byrne, a retired Navy officer, works with the remaining federally supplied cannabis patients enrolled in the Compassionate Individual New Drug program. The biannual conference that Mathre and Byrne oversee has gained a reputation as the most prestigious and comprehensive forum on medical marijuana in the world.

Although this year's lecturers categorically affirmed the therapeutic benefits to patients who use cannabis, the keynote speaker at the conference reminded attendees that these findings are not as earth-shaking as they may seem. Dr. Raphael Mechoulam, a professor of medicinal chemistry at Hebrew University in Jerusalem, whose primary focus is the chemistry and pharmacology of cannabinoids, cited physicians and scholars from 2,000 years ago who were equally convinced that cannabis is the “medicine plant.”

Pliny the Elder, the famed Roman naturalist of the first century, noted that cannabis roots boiled in water offered relief for gout, cramped joints and violent pain. The Greek physician and botanist Pedanius Dioscorides, of the same era, also wrote of its



Breakthroughs in cannabis medicine have energized the battle for legalization.

anti-inflammatory properties. And as late as the 19th century, the highly influential English physician Sir J. Russell Reynolds wrote: “For the relief of certain kinds of pain, I believe, there is no more useful plant than cannabis within our reach.”

Dr. Mechoulam led off the conference with this declaration: “The mammalian body has a highly developed immune system, whose main role is to guard against protein attack and reduce the damage caused. It is inconceivable that, through evolution, analogous biological protective systems have not been developed against non-protein attacks.” He then posed the question: “Are there mechanisms through which our body lowers the damage caused by various types of neuronal as well as non-neuronal impairments? The answer is, of course, positive, and I assume

that endocannabinoid-like molecules are part of numerous protective systems which work in conjunction with the immune system and with various other physiological systems.”

Dr. Mechoulam also noted that the human brain has abundant cannabinoid receptors and that many vital physiological processes are affected by endocannabinoids—everything from appetite and blood pressure to digestion, inflammation, pain, memory and mood, just to name a few.

Dr. Mechoulam's presentation served as a worthy prologue to the wealth of material presented by the 30-plus speakers featured. By the end of the conference, an overwhelming consensus had been reached: that the cannabinoid CBD (cannabidiol) serves as a healing agent for a variety of conditions. In fact, Dr. John McPartland, a professor of family

The harmless, beautiful
as she is intoxicating.

3TURNS 2BURN

KINDSTACK
preservation by separation.



2549 eastbluff dr #449 newport beach ca 92660
t 949-940-8989 f 949-200-7730 kindstack.com

ACQUISITION OF LIVE CANNABIS SEEDS IS ILLEGAL IN THE UNITED STATES | PAYABLE IN US DOLLARS FROM ANYWHERE IN THE WORLD

Are you looking for REAL MEDICINE?

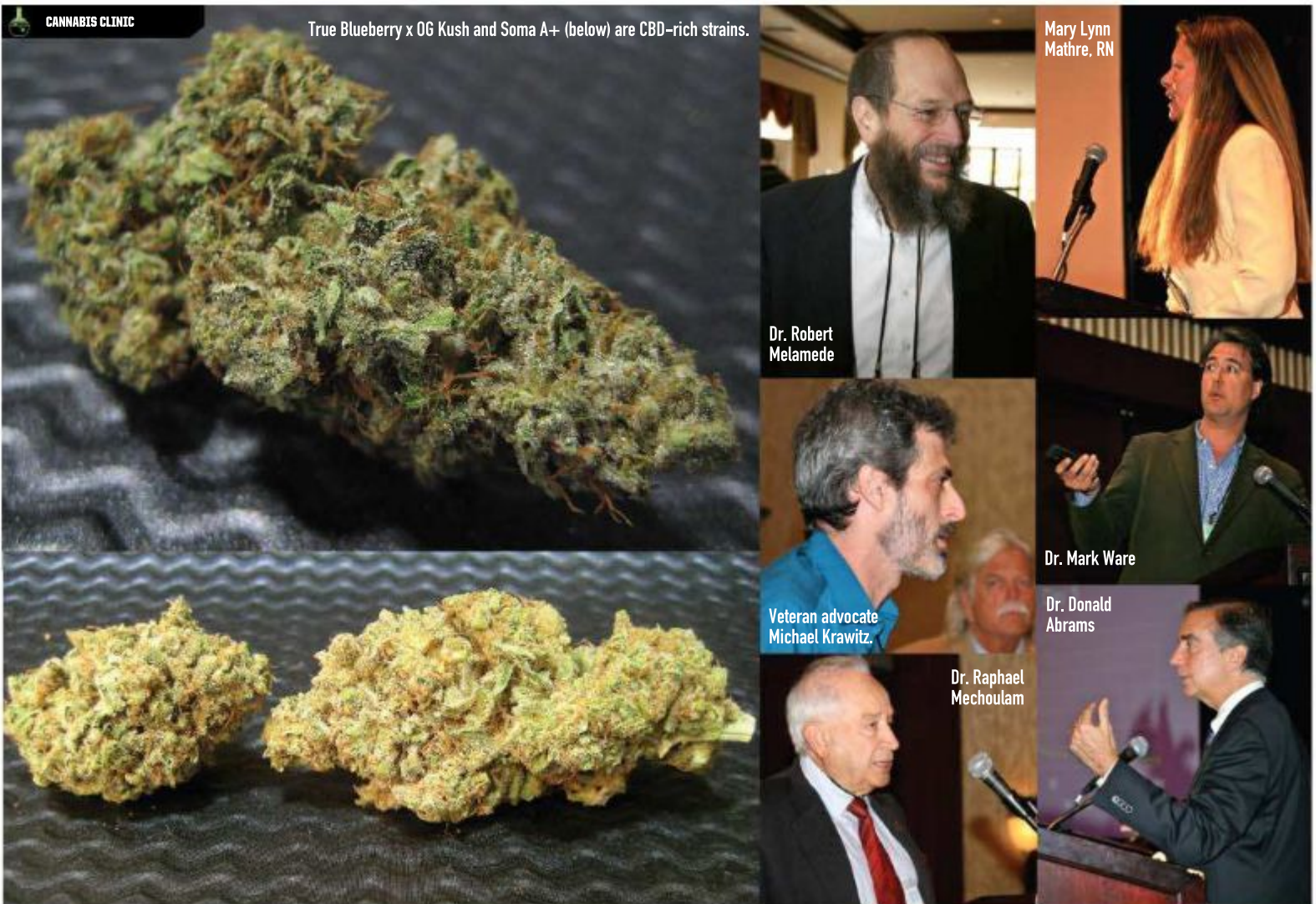
Then you should definitely consider our unique:
First Marijuana strain in the world to show the **unique 1:1 ratio between THC:CBD**, during the Spannabis fair 2009. This ratio is the one used by the pharmaceutical industry for maximizing the therapeutic effects of cannabinoids (i.e Sativex®). Cannatonic scoored an amazing **6.9% CBD** and **6.2% THC** (see results here on the right).

Great taste and aromatic profile: Cannatonic was awarded the **Sativa Cup** at the 21st High Times Cannabis Cup in Amsterdam.



CANNATONIC





CANNABIS CLINIC

True Blueberry x OG Kush and Soma A+ (below) are CBD-rich strains.

Mary Lynn Mathre, RN

Dr. Robert Melamed

Veteran advocate Michael Krawitz

Dr. Mark Ware

Dr. Donald Abrams

Dr. Raphael Mechoulam

medicine at the University of Vermont, stated that if Marinol (synthetic THC) is considered a “silver bullet,” then herbal cannabis—or, better yet, a CBD-rich strain—is a “synergistic shotgun” in which the “many constituents work by multiple mechanisms to improve the therapeutic activity of THC” and “mitigate the side effects.”

Numerous speakers emphasized that CBD is central in pain and anxiety management and has also shown efficacy in the treatment of cancer, epilepsy, inflammation and diabetes, as well as improving brain and heart health. Additionally, Dr. Heather Bradshaw of Indiana University discussed the remarkable results that cannabis has shown in treating reproductive and pelvic pain, which affects up to 30 percent of women globally.

Mark Ware, a professor of family medicine at McGill University in Montreal, assured the conference attendees of the safety of cannabis as medicine; in case studies, he noted, no differences in the biochemical, liver, renal or endocrine functions of patients using cannabis were shown. And Dr. Denis Petro, a neurologist and drug researcher, offered a glowing appraisal of cannabis as a means for managing the symptoms of multiple sclerosis.

Dr. Donald Abrams, the chief of the hematology/oncology department at San Francisco General Hospital, reviewed his own studies showing that cannabis interacts safely with opioids like morphine and oxycodone—which may, in fact, allow for the longer use of opioids

‘For the relief of certain kinds of pain, I believe, there is no more useful plant than cannabis within our reach.’

at lower (and safer) doses. Dr. Abrams also challenged the wisdom of denying opioids to patients who tested positive for cannabis.

Michael Krawitz knows a bit about that firsthand: He’s a disabled vet who found that cannabis, in conjunction with a low dose of prescription medication, works best for his chronic pain, the result of a serious motorcycle accident he suffered while stationed in Guam. Unfortunately, in the state of Virginia, where Krawitz lives, medical marijuana can only be legally used for cancer and glaucoma. Even worse, the policy of the Veterans Administration is to *refuse* medication to patients who test positive for pot. As a result, Krawitz has become a tireless advocate for veterans and medical-marijuana patients alike. He spoke of the terrible disservice that America does to its returning veterans as they seek out the means to deal with the effects of their injuries and, very often, the post-traumatic stress disorder (PTSD) that affects thousands.

The presentation of Steve DeAngelo, the executive director of Harborside Health Center (HHC) in Oakland, CA, was also revealing. It came on the heels of HHC’s recent announcement that it was commissioning growers to cultivate CBD-rich strains, which reportedly reduce the more unpleasant side effects of THC. (For newcomers to cannabis medicine, the high THC content can be disconcerting; CBD-rich strains offer a more “direct” pathway to treating pain and anxiety.) But perhaps no one was more far-reaching in his professional assessment of cannabis than Dr. Robert Melamed, a professor of biology at the University of Colorado: He posited the notion that the endocannabinoid system is actually responsible for the evolution of human intelligence and encouraged everyone present to smoke more and be healthy.

Those who already champion cannabis would hardly dispute Dr. Melamed’s claim. However, the federal government remains cloistered in its Drug War rhetoric, ever resistant to the cannabis wave that is now cresting. Cannabis science desperately requires the aid of our lawmakers: Researchers and clinicians need to be assured that their efforts to explore the many healing effects of the plant will be legally sanctioned, and that the results of their studies will be acted upon. Until that time when our leaders actually function as servants of the people, millions will continue to be denied the badly needed benefits of this “medicine plant.” ✨

FOR AS LITTLE AS **\$35**

YOU CAN BE

420%
NORML

WHAT HAVE YOU DONE FOR YOUR FREEDOM TODAY?

Yes! Sign me up as a NORML supporter.

Contributions of \$50 or more receive a free NORML Logo T-shirt. Select Size: M L XL XXL

Annual Membership (Select One)

- Sustaining: \$250 Regular: \$35
 Dedicated: \$100 Other: _____
 Citizen Advocate: \$50

NAME: _____

ADDRESS: _____

CITY: _____ STATE: _____

ZIP: _____ EMAIL: _____

Check/MO (enclosed)

CC#: _____ Exp. Date: _____

For more information call 888.67.NORML or visit norml.org
NORML - 1600 K St. NW, Suite 501, Washington, DC 20006

HIGH TIMES MEDICAL MARIJUANA DISPENSARY DIRECTORY

Consult your local physician about issues associated with medical marijuana use.

CALIFORNIA

Cali Green Rx
Evaluations by Licensed
Medical Doctor
5105 York Blvd.
Los Angeles, CA 90042
OR: 440 Fair Drive, Suite S
Costa Mesa, CA 92626
www.CaliGreenRx.com
(877) 387-CGRX

The Green Cross
Premiere Delivery Service
San Francisco, CA
(415) 648-4420
Open 10am - 7pm daily
www.TheGreenCross.org

Greenway Compassionate Relief
140 Dubois St.
Santa Cruz, CA 95060
(831) 420-1640
Mon-Sat 11am - 7pm
Organic-All Grades-Edibles-Tincture

Healing OC
1665 East 4th St. Suite 112
Santa Ana, CA 92701
(714) 835 - 4206
www.healingoc.com

Harborside Health Center
1840 Embarcadero
Oakland, CA 94606
(510) 533-0147
www.harborsidehealthcenter.com
"Out of the Shadows, Into the
Light..."

Nature's Nexus
1647 Hartnell Ave
Redding, CA 96002
(530) 222-6700
www.natures-nexus.com

Sherman Oaks Co-Op
1367 1/2 Ventura Blvd.
Sherman Oaks, CA 91403
ValleyVillagecoop.com

Greenlight Deliveries
909 9th Ave,
San Diego, CA 92101
(619) 602-1713
Highest quality meds
since 1997. Open 7 days a
week, 10:30 am-6:30 pm
420greenlight@gmail.com
Life member VFW & DAV.

J&J Compassionate Care
Information Center
960 South Spruce
Exeter, CA 93221
(559) 592-0420
9:30am - 8:30pm, 7 days / wk
Free internet in the lounge.
New patients must arrive before 4
pm for Prop. 215 verification.

420 Highway Pharmacy
18710 S. Normandie Ave, Ste D
Gardena, CA 90248
(310) 808-0420
(310) 808-0215
Open 7 days, 8am - 8pm

MJ's Place
9449 Main Street
Upper Lake, CA 95485
(707) 275-9291

Nature's Top Shelf Medicinals
1530 East Wardlow Road
Long Beach, CA 90807
(562) 989-9000
Mon. to Sat., 11am to 7pm

Coffee Shop Blue Sky
377 17th Street
Oakland, CA 94612
(510) 251-0690
Open 9am-8pm Mon-Sat,
10am-6pm Sunday
www.Oaksterdamgiftshop.com

Valley Patients Group
8953 Woodmen Ave, Ste 101
Arleta, CA 91331
(818) 332-0736
Open 7 days, 7am - 10pm

Pathways Health Co Op
20 East Acacia Street
Stockton CA 95402
(209) 451-3940
Stockton & San Joaquin
County's First Cooperative

Santa Ana Patients Group
1823 East 17th Street
Santa Ana, CA 92705
(714) 568-0041
patients.group@gmail.com
"True Compassion In Orange
County"

COLORADO

Kush Caregivers - Denver
High-powered medical marijuana,
hash, licenses, and grow videos.
(303) 949-3618
wholesale inquires email Kush-
cafe@DR.com

The Releaf Center, LLC
2000 W 32nd Ave.
Denver, CO 80211
(303) 458-LEAF (5323)
thereleafcenter@gmail.com
www.thereleafcenter.com

Sunshine Wellness Center
In Colorado Springs:
31 N. Tejon St., Ste. 400
Colorado Springs, CO 80903
(719) 632-6192
In Pueblo: 67 Silicon Drive
Pueblo West, CO 81007
Phone (719) 543-7482
Fax (719) 634-8207
sunshinewellnesscenter.com
Doctor Evaluations Provided!

New Hope Wellness Center
210 Edwards Village Blvd, Suite
B110 - Edwards, CO
Convenient to Vail & Beaver Creek.
Offering the finest Meds & Edibles.
Open Mon- Sat, 11-6pm
(970) 569-3701
newhopewellness@gmail.com

Natures Medicine
In Grand Junction:
1001 Patterson Road #1
Grand Junction, CO 81506
(970) 424-5293
Fax: (970) 424-5294

In Pagosa:
100 Country Center Drive #1
Pagosa Spring, CO 81147
In Durango:
129 East 32nd Street
Durango, CO 81301
(970) 259-3714
Fax: (970) 259-3718

In Longmont:
1260 South Hover St Ste C
Longmont, CO 80501
(303) 772-7188
In Loveland:
843 N. Cleveland Ave
Loveland, CO 80537
(970) 461-2811
Fax: (970) 461-2833

Dacono Meds
730 Glen Creighton Dr., Unit C
Dacono, CO 80514
(303) 833-2321
http://www.daconomeds.com
Hours: Mon-Sat, 10am - 7am
Handicap Accessible

Medicalm Limited
4202 North Garfield Ave
Loveland, CO 80538
(970) 669-5105
Medicalmltd@Q.com

Colorado Alternative Care Services
Caregiver and Dispensary
Servicing Monument, Colorado
Springs and Canyon City.
(719) 963-8495
www.csmmmd.com

Minturn Medicinal / Vail Valley
Minturn, CO 81645
(720) 490-0458
Free Delivery
www.minturnmedicinal.com

MICHIGAN

Michigan Medical Marijuana
Certification Center
29877 Telegraph Road,
Suite 303 B
Southfield, MI 48034
(248) 932-6400
www.MMMCC.net

MONTANA

Cannabis Connection Caregivers
Bozeman, MT
(406) 599-8385
cccaregiver@gmail.com
All new patients receive 1/2 .oz of
medicine free

Greener Pastures
Setting a High Standard
Serving Montana
(406) 587-HEMP
info@MTMedicalMarijuana.com

Grassrootz, LLC
1117 North 7th Ave, Suite #5
Bozeman, MT 59715
(406) 600-3055
Best Medicine in Gallatin Valley &
SW MT.

Feel Good Medicines
(406) 595-0356
www.montanamedicalmarijua-
nacaregiver.webs.com
Servicing the whole State MT!

The Healing Center
Compassionate Caregiver
Quality Organic Medicine
Bozeman, MT
(406) 581-8712
www.ThehealingcenterMT.org

A Kinder Caregiver Inc.
The statement's in the name. To
uphold the spirit of Initiative 148.
AKinderCaregiver@yahoo.com

montanamedicalmarijuana.net
(406) 587-2335

Caregivers Montana
Livingston, MT
(406) 600-2981
www.caregiversmontana.com

Ray Rae's Medicine
Caregiver Who Cares!
Servicing Southwest MT
(406) 274-2281
RayRaes148@yahoo.com

OREGON

Eugene Compassion Center
2055 W. 12th Ave
Eugene, OR 97402
(541) 484-6558

WASHINGTON

Green Hope Patient Network
Shoreline, Washington
(206) 801-7099
A Safe place for Meds

Tacoma Cross
1126 Commerce Street
Tacoma, WA 98402
(253) 627-1377
Fax: (253) 627-1378
www.Tacomacross.com

CANADA

CALM Toronto
P.O. Box 47023, Stn. 425
220 Yonge St.

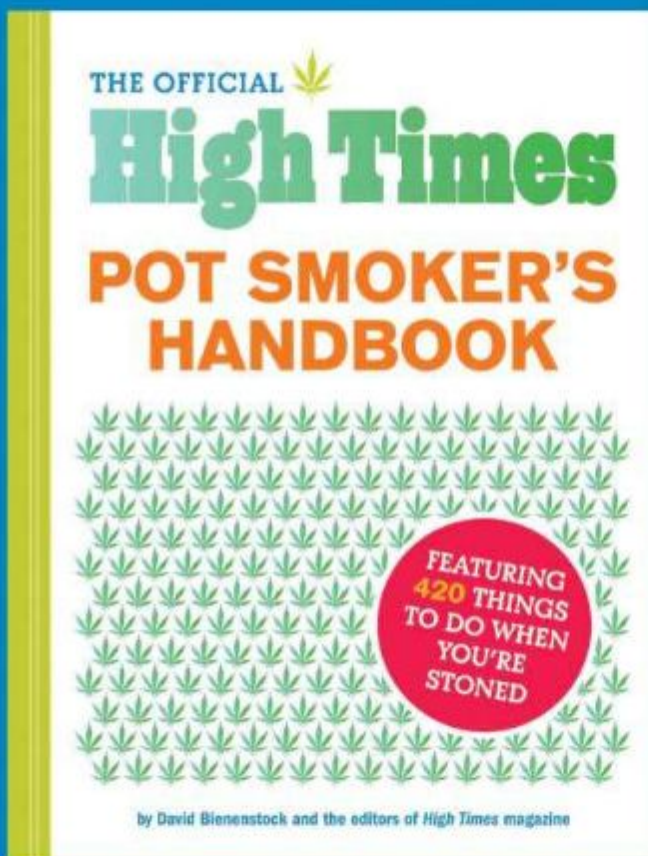
Toronto, ON M5B 2H1
Office (416) 367-3459
Fax (416) 367-4679
Open 7 days a week
www.cannabisclub.ca

DISPENSARY SERVICES

Canna Fresh
www.cannafresh.com
Wholesale: 424-442-0232
"Custom Glass Containers
For The Medical Industry"

Gaslamp Insurance
1111 6th Avenue, 3rd Floor
San Diego, CA 92101
(619) 238-4367, x. 205
Fax: (619) 238-4387
Medical marijuana insurance for
dispensaries, growing facilities,
bakeries & medibles.
www.mmjinsurance.com

DON'T GET HIGH WITHOUT IT!



THE OFFICIAL **High Times** POT SMOKER'S HANDBOOK

FEATURING 420 THINGS TO DO WHEN YOU'RE STONED

By David Bienenstock and the editors of *High Times* magazine

- Learn how to roll the perfect joint
- Make the most potent pot brownies
- Smoke-proof a dorm room
- Order off an Amsterdam coffeeshop menu
- Improve your jay-dar
- And much, much more!

BECAUSE IT'S ALWAYS **4:20** SOMEWHERE...

Available at headshop.hightimes.com,
1-866-POT-SHOP, and at your local bookstore!



CHRONICLE BOOKS

CHANGE IN THE HEARTLAND

Support for drug-policy reform is growing in the Midwest and South. By Amber Langston

Recent polls have shown that the Midwest and South are the two parts of the US that least support drug-policy reform. But that is about to change. Affectionately referred to as the “New Northeast” (after SSDP’s most well-organized region), Midwest SSDP is proving to be the fastest-growing region of powerful new chapters in the country. As a Midwesterner myself, I am incredibly inspired by the change I see occurring in my cousins’ mindsets. A new conversation has begun, and the voices of America’s youth are coming through loud and clear.

As one example, amazing things are happening in Ohio, where new chapters have sprung up at Hiram College, Kent State University, Miami University and the University of Cincinnati. Kent State hosted Ohio’s first SSDP State Strategy Summit, and all hands are on deck in preparation for next year’s legislative session. Watch out—these kids are going to make Ohio the 15th medical-marijuana state for sure!

In Michigan, where SSDP was integral to passing the 2008 statewide medical-marijuana initiative, our burgeoning network of nine chapters has successfully held two state-strategy summits; is working toward a statewide medical-amnesty policy that includes all drugs; and has been partnering with patient-advocacy groups for effective implementation of the new medical-marijuana law. And, of course, the Hash Bash at the University of Michigan in Ann Arbor is always a success!

Students in Illinois have also been working toward a statewide medical-amnesty policy and are



Amber Langston

creeping ever closer to passing medical marijuana through their state legislature. Special props go to the chapters at Roosevelt University, where members participated in the 2009 Walk for Recovery with the Illinois Drug Policy Consortium, and at Northern Illinois University, which built an impressively large public coalition in a mere matter of days from their inception. Just a little bit of elbow grease and some sensible statistics, and the Republican candidate for state attorney in DeKalb fell in love with SSDP.

Likewise, the medical-marijuana movement in Iowa, Minnesota, Missouri and Wisconsin has recently taken off with help from SSDP’s foot soldiers. While students in Iowa were testifying before the Iowa Board of Pharmacy’s medical-marijuana hearings, their counterparts in Wisconsin held a massive day of action across the state, logging hundreds of calls to their representatives in support of patients’ rights. With Iowa’s Board of Pharmacy now recommending that marijuana be rescheduled as a substance with medical value, and with support building in the legislatures of Minnesota, Missouri and Wisconsin, SSDP is stepping up to the task.

As for Indiana and Kentucky—y’all are next! I hope to hear soon from students in those states, and throughout the Midwest and South, who are ready to join us as allies in the fight for justice and truth.

Peace on the Drug War! ✨

Amber Langston is the SSDP Outreach Director for the Midwestern and Southern Regions.

Ask Dr. Mitch



Dr. Mitch,
I keep hearing that marijuana use is on the rise for older adults, but when I look around the retirement home, I can’t find any. Is this increase just propaganda?

Clay Moore

Hi Clay,
Although recent data indicate that folks age 50 and above have increased their marijuana use in the last few years, they’re still in the minority—only about 5 percent of them used pot in the past month or so.

One of the parents in my PTA thinks that drug problems come from low self-esteem. I find this idea too simplified. Can you help me out?

Concerned in Iowa

Hi Concerned,
Decades ago, a lot of drug-prevention programs focused on building self-esteem—and some of them, perversely, made kids think that they were invulnerable to drugs, which actually led to more drug use. For some new perspectives, you might want to check out my book, *The Parents’ Guide to Marijuana*. Also, my buddy Steve Sussman has created an extensive program called “Toward No Drug Abuse” that is substantiated by research. For more information, go to tnd.usc.edu.

I’m having a debate with a censor about marijuana in the movies. He says that watching movies about marijuana will lead people to use it. This can’t be true, can it?

O. Welles

Hi O.,
Some data do show that people who use cannabis have seen more movies depicting cannabis use, and these studies have been getting a lot of press. But I just analyzed some data of my own showing that cannabis users see more movies of all kinds—it doesn’t matter if they’re about cannabis or not. In fact, movies about cannabis don’t cause to people use it, but cannabis users sure do love the movies!

Dr. Mitch Earleywine, Ph.D., is an associate professor of psychology at SUNY Albany. He is the author of Understanding Marijuana and The Parents’ Guide to Marijuana. Got a question for Dr. Mitch? Email him at 420research@gmail.com.

FREEDOM FIGHTER

THIS VETERAN’S STILL FIGHTING

“More veterans have committed suicide since 2001 than we have lost on the battlefields of Iraq and Afghanistan—each one a tragedy.” Those words, uttered by US Secretary of Veterans Affairs Eric Shinseki last October, underscore the crisis of post-traumatic stress disorder (PTSD) affecting our returning troops.

New Mexico is the only medical-marijuana state where PTSD is specifically listed as a qualifying condition under the law (though it also qualifies in California under Prop. 215 language that allows physician recommendations “for any other illness for which marijuana provides relief”), and more people are registered as medical-marijuana patients in New Mexico for PTSD than any other condition. However, Veterans Administration doctors are forbidden from recommending this state-authorized medicine because of the federal ban on its use. Vets even report being denied their prescription pharmaceuticals if they test positive for using cannabis medicinally.

Paul Culkin is an Iraq War veteran living in New Mexico who decided to do something about it. Like so many others, this former Army sergeant found that the drugs prescribed to him by the VA’s doctors left him feeling like “a zombie.” He turned to medical cannabis and found that it calmed the PTSD without numbing his mind and doping his body and “made me a father and husband again.”

Culkin leads the New Mexico Medical Marijuana Patients Group, which he formed by networking with other vets through Craigslist after attending the International Drug Policy Reform Conference in Albuquerque last November. Since then, he has made local news by opposing a proposed state tax on medical marijuana. He also debated Dr. Andrea Barthwell, a former deputy drug czar under George W. Bush, on Fox News Channel concerning the use of cannabis for treating PTSD.

Paul Culkin is a perfect example of what can happen when committed people attend drug-law reform conferences and take the next step of organizing their fellow like-minded citizens at the grassroots level. This Iraq War veteran is a true Freedom Fighter!



THE WHIZZINATOR

**XXX
STRAP-ON**



In life, some
things look
real...

...and some
things don't.

The all new Whizzinator XXX Strap-on.
So life-like, we can't show you
what it looks like.

Get other adult items and more
today at www.theALSshop.com

(888) 895-7016



got some herb?

got smurb?
clothing

HIGH GRADE
• Shirts
• Stickers
• Booty Shorts
and More!



(805) 975-7704
www.gotsmurb.com

HOT BOX
TRIMMER.COM

TRIM YOUR CROP
QUICKLY, EASILY,
AND WITHOUT
ANY MESS.



HOTBOXTRIMMER.COM

WHEN YOU CAN'T STAND THE SMELL...
...KEEP THE STINK-IN!



**STINK-IN
STORAGE
BAGS**TM

ODOR PROOF, DOUBLE LOCK ZIPPER,
SELF-STANDING, PUNCTURE & TEAR RESISTANT,
REUSABLE, HEAVY DUTY PLASTIC BAGS

ASK FOR THEM AT YOUR LOCAL SMOKE SHOP!

WWW.STINKINSTORAGEBAGS.COM
WHOLESALE INQUIRIES 1-800-507-2007

WWW.BOTARZ.COM



Joint Custody

Specializing in funny, rude,
and offensive t-shirts.

When you care enough to offend the very best.

VIVA SATIVA!

Six reasons legalization is on the way.

While most well-informed HIGH TIMES readers can probably cite hundreds of good reasons why cannabis prohibition should end immediately, I'd like to hone in on what NORML believes are the top six reasons why these long-sought reforms are finally coming about.

It's the Economy, Stupid

Just as the Great Depression helped end alcohol prohibition, the current crushing economy is causing otherwise prohibition-supportive decision makers to re-examine their fiscal priorities. As a result, economists, editorial boards, columnists, politicians and commentators of all political stripes increasingly support ending the federal government's counterproductive prohibition of cannabis.

Baby Boomers or Baby Bongers?

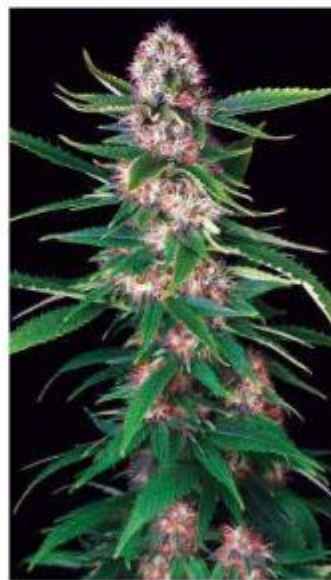
Men and women between the ages of 50 and 70 years have taken over the country's institutions of government, law, medicine, science, education, media and entertainment. Baby boomers have primary and secondary experience with cannabis that the so-called World War II generation simply doesn't possess.

The Public's Acceptance of Medical Cannabis

The passage of Proposition 215 in 1996 was a genuinely epochal event: California citizens—who comprise one-eighth the population of the United States—voted to endorse the medical use of cannabis. This set in motion a domino-like effect that has currently resulted in 14 states (plus the District of Columbia) legalizing patient access to medical cannabis for nearly 90 million Americans.

In states such as California, Colorado, New Mexico and Montana—and very soon in Rhode Island, New Jersey,

Maine and DC—lawful patients enjoy so-called "Main Street" retail access to hundreds of strains of cannabis, "medibles," tinctures, balms and hash products.



Worldwide Web of Weed

The Internet has been transformative for cannabis-law reformers, helping us politically organize consumers, disseminate information, debunk prohibition myths and raise money. I've been at NORML so long I pre-date the Internet, and I can tell you from firsthand experience: A busy day at NORML pre-Internet pales in comparison to what's being accomplished today.

NORML's webpage and podcast attract over 30,000 daily visitors, who download millions of pages weekly in the privacy of their own homes. And there are now over one million "friends" within NORML's Facebook universe.

Whereas the mainstream media has largely failed cannabis consumers and society as a whole, the Internet provides citizens with ready peer-to-peer communications, unprecedented social networking, and unfiltered information (uncensored by either the government or the corporate media) that empowers and fuels reformers' modern advocacy efforts.

Opposition to Cannabis-Law Reform Recedes

In general, do business, medical, educational or religious communities organize against groups like NORML? No.

Then who are the supporters of cannabis prohibition? The five pillars of pot prohibition should be familiar by now: Law enforcement; government agencies born of prohibition (i.e., the DEA, NIDA, etc.); the drug makers who'd have to compete with legal cannabis (tobacco, pharmaceutical and booze companies); government-funded "parents' groups" (i.e., CADCA, NFIA, etc.); and companies that prosper from drug-testing services, private prisons and high-tech drug-trafficking detection devices.

Prohibition Fatigue?

Having endured 73 years of unsuccessful cannabis prohibition, a national weariness seems to be setting in. Maybe, just maybe, after 20 million arrests (90 percent for simple possession alone), hundreds of billions in tax dollars wasted or uncollected, children having more access to cannabis than alcohol or tobacco, and the destabilization of America's borders—all basically for naught—a solid majority of Americans are ready to support legalization.

Currently, in national polling, about 44 percent favor legalizing adult cannabis use. That total is up to 56 percent in California, where people go to the polls this fall to vote on—and, hopefully, pass—a legalization initiative.

Are you and your friends ready to get involved, make a difference, and help end cannabis prohibition once and for all? Please join NORML today and/or support the California legalization initiative (taxcannabis2010.com).
—Allen St. Pierre, executive director of NORML
Visit norml.org or call 888-67-NORML.

ALABAMA

Alan R. Elledge, Attorney at Law

7404 Hwy 43
Florence, AL 35634
(256) 757-4007
Fax: (256) 757-4003
aelledge138@hotmail.com
'Vigorous statewide marijuana defense.' No representation is made that the quality of the legal services to be performed is greater than the quality of legal services performed by other lawyers.

ARIZONA

Jamal Allen

Allen & Associates, Lawyers
3029 N. Alma School Rd, Ste 216
Chandler, Arizona 85224-1475
P: 480-820-3300
goodazlawyers.com
All Stops, Arrests & Seizures

Lee Phillips

Law Offices of Lee Phillips
323 N. Leroux St., Suite 101
Flagstaff, AZ 86001
928-779-1560
www.notguilty1.com

Marc Victor

3920 S. Alma School Rd., Suite 5
Chandler, AZ 85248
Phone: 480-755-7110
Fax: 480-755-8286
marc@attorneyforfreedom.com
www.attorneyforfreedom.com

Michael Walz

Law Offices of Michael Walz
45 W. Jefferson, Ste. 225
Phoenix, AZ 85003
602-288-8349
walz@potlawyer.com
All MJ crimes: possession, cultivation and MJ-DUI. Also asset forfeiture.
www.potlawyer.com

CALIFORNIA

Bob Boyd

107 West Perkins Street, Suite #17
Ukiah, CA 95482
707-468-0500
mendocinolaw@comcast.net
www.mendocinolaw.com

John Duree

428 J St., Ste. 352
Sacramento, CA 95814
916-441-0562
jduree@pacbell.net
Practice limited to criminal defense.

Omar Figueroa

Law Offices of Omar Figueroa
7770 Healdsburg Ave, Ste. A
Sebastopol, CA 95472
(707) 829-0215
omar@stanfordalumni.org
www.omarfigueroa.com
Founder of Cannabis Law Institute and graduate of Stanford Law School, Yale University and Trial Lawyers College, specializing in cannabis cultivation and medical marijuana cases. Free case consultation. ¡Yo hablo español!

Paul L. Gabbert

2115 Main Street
Santa Monica, CA 90405
310-399-3259
PLGabbert@aol.com
National criminal defense practice since 1977. Specializing in federal and state asset seizure and forfeiture defense. Millions of dollars in currency and property returned.

Christopher M. Glew

1851 E. First Street, Ste. 840
Santa Ana, CA 92705
Fax: 714-648-0501
Phone: 714-648-0004
marijuanalawyer@yahoo.com
www.glewkimlaw.com

Imhoff & Associates, P.C.

Criminal Defense Attorneys
Vince Imhoff, Managing Partner
Los Angeles, CA
800-887-0000
Info@CriminalAttorney.com
www.CriminalAttorney.com
Experienced, aggressive Medical Marijuana & Criminal Defense Attorneys Nationwide
** Free consultation**

Michael Levinsohn

Law Offices of Bruce M. Margolin
8749 Holloway Drive
West Hollywood, CA 90069
310-652-0991 or
800-420-LAWS
www.1800420LAWS.com

Valerie Lopez

Law Offices of Bruce M. Margolin
8749 Holloway Drive
West Hollywood, CA 90069
310-652-0991 or
800-420-LAWS
www.1800420LAWS.com

Allison Margolin

8484 Willshire Blvd., Suite 660
Beverly Hills, CA 90211
Phone: 323-653-1850

Fax: 323-653-1225
allisonbrandi@mac.com
allisonmargolin.blogspot.com

Bruce Margolin

8749 Holloway Dr.
West Hollywood, CA 90069
310-652-0991 or
800-420-LAWS
bmargolin@aol.com
www.1800420laws.com
www.margolinlawoffices.com
Marijuana and criminal defense since 1967. Director, L.A. NORML
Call for a free guide to marijuana laws in all 50 states .

Randy Sue Pollock

2831 Telegraph Ave
Oakland, CA 94609
Phone: 510-763-9967
Fax: 510-272-0711
PollockEsq@aol.com

Eric Shevin

15260 Ventura Blvd., Suite 1050
Sherman Oaks, CA 91403
Phone: 818-784-2700
Fax: 818-784-2411
eshevin@aol.com
www.shevinlaw.com

Law Offices Of Sean Tabibian & Associates

6794 La Jolla Blvd., #201
La Jolla, CA 92037
Call Toll Free: 1-800-658-1500
www.WeDefendYou.com
Call us for a free guide "People vs. You" a guide for the accused

Sean Tabibian, Esq.

Tabibian & Associates
1800 Avenue of the Stars, Ste. 404
Los Angeles, CA 90067
1-800-658-1500
www.wedefendyou.com
Your freedom to smoke is no joke.
Herbal defenders on your side.

James M. Taylor

Law Office of James M. Taylor
783 West Ramsey, Suite G
Banning, CA 92220
951-849-2081
jamesmtaylor.esq@verizon.net
Dedicated to Criminal Defense

COLORADO

Robert J. Corry, Jr.

600 17th Street, Ste 2800
South Tower
Denver, Colorado 80202

Tel:(303)-634-2244
Fax:(303) 260-6401
email: robert.corry@comcast.net
www.robcorry.com
Graduate of Stanford Law School, specializes in criminal defense and civil rights, free initial consultation

Sean T. McAllister, Esq.

Founder of Sensible Colorado
Phone: 970-453-6594
Fax: 970-453-6877
mclawoffice@comcast.net
www.mcallisterlawoffice.com
Offices in Denver and Breckenridge

FLORIDA

Robert O. Bauer, Jr.

Bauer, Crider, Pellegrino & Parry
1550 South Highland Avenue, #C
Clearwater, FL 33756
(727) 446-4800
Offices in Clearwater, Tampa & Port Richey. Board Certified Criminal Trial Lawyer

Bjorn Brunvand

615 Turner Street
Clearwater, FL 33756
Phone: 727-446-7505
Fax: 727-446-8147
bbrunvan@tampabay.rr.com
www.acquitter.com

Bradford Cohen Law

1132 SE 3rd Ave.
Fort Lauderdale, FL 33316
Phone: (954) 523-7774
Fax: (954) 523-2656
lawronin@aol.com
www.crimdefend.com
As seen on Nancy Grace, CourtTV and the Today Show

Greg M. Lauer

Board Certified Expert in Criminal Trial Law
320 SE 10th Ct.
Ft. Lauderdale, FL 33316
(954) 559-0647
www.growthouselawyer.com
Offices in Broward, Dade, & WPB
*Former Drug Trafficking Prosecutor *Free Initial Consultation

Donald A. Lykkebak

390 N. Orange Ave.,
Suite # 2100
Orlando, FL 32801
407-425-4044
lykkebak@bellsouth.net
http://www.druglawexpert.com
"Board certified criminal trial lawyer with 30 years experience."

David Raben

Robbins, Tunkey, Ross, Amsel,
Raben & Waxman, P.A.
2250 SW 3rd Avenue, 4th Floor
Miami, FL 33129-2095
Tel: 305-858-9550
Fax: 305-858-7491
daveraben@crimlawfirm.com
Experienced and aggressive
defense of drug cases in State
and Federal Court.

Jeffrey Reisman

304 S. Westland Ave.
Tampa, FL 33606
877-283-5333 or 813-258-5333
www.tampadruglawyers.com
State & Federal Defense Free
consultation

Roger Scott, Jr., P.A.

Scott & Medling, P.A.
1515 E Livingston St.,
Orlando, FL 32803
407-894-0055, (Fax) 407-894-0053
RogerScott@cfl.rr.com
www.orlandodruglawyer.com

Robert Shafer & Associates, P.A.

Robert Shafer, James Davis
24 North Market Street, Suite 305
Jacksonville, FL 32202
Tel: 904-350-9333
Fax: 904-633-7820
website: shafercriminallaw.com
email: robertshafer@bellsouth.net
Criminal defense only.
Focusing on drug charges.

Grey Tesh

Board Certified Criminal
Trial Lawyer
1610 Southern Blvd.
West Palm Beach, FL 33406
(888) 4-POT-LAWYER
Cultivation, trafficking, grow house,
federal & state. NORML Legal
Committee Speaker.

John H. Trevena

801 West Bay Dr., Suite 509
Largo, FL 33770
Phone: 727-581-5813
Fax: 727-581-7758
TrevenaLaw@aol.com
www.trevena.com

ILLINOIS**Jeffrey B. Fawell**

Fawell & Associates
500 S. Country Farm Rd, Ste 200
Wheaton, IL 60187
630-665-9300
fawell@fawell.com
Criminal, DUI, traffic, and
immigration defense.

Imhoff & Associates, P.C.

Criminal Defense Attorneys
Vince Imhoff, Managing Partner
Naperville, IL
800-887-0000
Info@CriminalAttorney.com
www.CriminalAttorney.com
Experienced, aggressive Medical
Marijuana & Criminal Defense
Attorneys Nationwide
** Free consultation**

Peter J. Vilkelis

53 W. Jackson Blvd. Ste. 1430
Chicago, IL 60604
312-408-0258
pvilkelis@sbcglobal.net
Illinois NORML Board member.

INDIANA**Stephen W. Dillon**

Dillon Law Office
3601 N. Pennsylvania St.
Indianapolis, IN 46205
317-923-9391
dillonlaw@prodigy.net
www.dillonandthomas.com
Chair, NORML Board of Directors.

KANSAS**Chris Meek**

1031 Military Ave.
Baxter Springs, KS 66713
Phone: 620-856-2771
Fax: 620-856-2772
ninsky13@hotmail.com

William (Billy) K. Rork

1321 SW Topeka Blvd.
Topeka, KS 66612-1816
785-235-1650
rork@rorklaw.com
www.rorklaw.com
Zealous and successful drug
defenses on I-70/I-35 vehicle stops.

Cal Williams

Calvin K. Williams Chtd.
280 N. Court Ave., P.O. Box 304
Colby, KS 67701
785-460-9777
calwilliamsesq@hotmail.com
On I-70, western Kansas.

MARYLAND**David E. Kindermann, Esq.**

15 West Montgomery Ave, Suite 300
Rockville, MD 20850
Tel: 301-762-7900 — 24/7
Fax: 301-309-0887
www.KindermannLaw.com
dave@kindermannlaw.com
Licensed in Maryland, D.C. and
Federal Courts incl. U.S. Supreme
Court.

MASSACHUSETTS**Norman S. Zalkind**

Zalkind, Rodriguez, Lunt & Duncan
65A Atlantic Ave.
Boston, MA 02110
Phone: 617-742-6020
Fax: 617-742-3269
nzalkind@zrld.com

MICHIGAN**Matthew R. Abel, Attorney at Law**

2930 E. Jefferson Ave
Detroit, MI 48207
248-866-0864
www.cannabisounsel.com
attorneyabel@comcast.net
Specializing in marijuana defense

Jason Barrix, Attorney at Law

Barrix Law Firm P.C.
2828 Kraft Ave. SE #290
Grand Rapids, MI 49512
1-877-4-BARRIX or
1-877-422-7749
616-456-1900
Barrixlaw@aol.com
Practicing Marijuana and Criminal
Defense Statewide. Since 1993.

Michael A. McInerney, Esquire

Law Office of Michael A. McInerney
139 Pearl Street NW, Suite 400
Grand Rapids, MI 49503
(616) 776-0200
Fax: (616) 776-0202
mamgrlaw@sbcglobal.net

Mark A. Satawa

Kirsch & Satawa, PC
3000 Town Center, Suite 1700
Southfield, MI, 48075
248-356-8320
mark@kirschandsatawa.com
www.kirschandsatawa.com
Be sure to check out our new
website!

Law Office of John Targowski, P.C.

310 East Michigan Avenue, Ste 501
Kalamazoo, MI 49007-3840
Voice: (269) 290 5606
john@targowskilaw.com
www.targowskilaw.com
2008 NORML Hunter S. Thompson
Scholar, Medical Marijuana
Defense Experience

MISSOURI**K. Louis Caskey**

1102 Grand Blvd, Suite 800
Kansas City, MO 64106
Phone: 816-221-9114
Cell Phone: 816-536-1411

Fax: 816-220-0757
klouie711@aol.com
www.caskeyatlaw.com

Daniel Dodson

315 Marshall Street
Jefferson City, MO 65101
573-636-9200 or 800-DODSON-1
dd@danieldodson.net
www.danieldodson.net
Board member, NACDL;
Nationwide advice/referrals.

Dan Viets

15 N. 10th St.
Columbia, MO 65201
573-443-6866
danviets@justice.com
Former president of MO Assoc. of
Criminal Defense Lawyers and
NORML Board Chair.

NEVADA**Scott N. Freeman**

'Defender of the Year 2008'
556 California Ave.
Reno, NV 89509-1450
Phone: 775-786-4788
Fax: 775-786-9333
defense@freeman-law.com
www.freeman-law.com

NEW HAMPSHIRE**Sven Wiberg**

Wiberg Law Office
2456 Lafayette Road, Suite 7
Portsmouth, NH, 03801
Phone: 603-686-5454
Fax: 603-457-0332
sven@nhcriminaldefense.com

NEW JERSEY**William H. Buckman**

110 Marter Ave, Suite 209
Moorestown, NJ 08057
Phone: 856-608-9797
Fax: 856-608-6244
wbuckman@whbuckman.com
whbuckman.com

Nathan Kittner

131 Main St.
Hackensack, NJ 07601
201-488-5565
vlsgard@prodigy.net
Criminal defense litigation.
Get defended.

Allan Marain

100 Bayard St.
P.O. Box 1030
New Brunswick, NJ 08903
732-828-2020

info@NJMarijuana.com
www.njmarijuana.com
When pleading guilty is not an option.

Law Offices of Howard Weiner

45 Broadway, 30th Floor
New York, NY 10006
212-785-1100
917-921-3363
www.criminal-defense-law-new-york-city.com

Neal Wiesner

Law Office of Neal Wiesner
1 Maiden Lane, 9th floor
New York, NY 10038
Tel: 212-732-2225
Fax: 718-556-0118
nealwiesner@aol.com
NJ State & Federal Criminal Defense

NEW MEXICO

David C. Serna Serna Law Offices

725 Lomas Blvd. NW
Albuquerque, NM 87102
505-242-4057
www.sernalaw.com
Board-certified criminal-defense specialist, NORML lawyer since 1985.

NEW YORK

David C. Holland, Esq.

David C. Holland, P.C.
419 Park Avenue South, 16th Floor
New York, NY 10016
212-935-4500
Licensed in NY, NJ & MD.

Neal Wiesner

Law Office of Neal Wiesner
1 Maiden Lane, 9th floor
New York, NY 10038
Tel: 212-732-2225
Fax: 718-556-0118
nealwiesner@aol.com
Federal Practice Only in New York

OHIO

Spiros P. Cocoves

Law Offices of Spiros P. Cocoves
610 Adams St., 2nd Fl
Toledo, OH 43604-1423
419-241-5506
Fax: 419-242-3442
scocoves@gmail.com
Federal/State Criminal Defense, OH/MI

OKLAHOMA

M. Michael Arnett

Arnett Law Firm
3133 N.W. 63rd Street
Oklahoma City, OK 73116
Tel: (405) 767-0522
Fax: (405) 767-0529
email: mickearnett1@juno.com

Chad Moody

217 N Harvey Street, Ste. 409
Oklahoma City, OK 73102
(w) 405-231-4343 (f) 405 231-0233
thedruglawyer@thedruglawyer.com
thedruglawyer.com
When a Conviction is Not an Option

OREGON

John C. Lucy IV

2121 SW Broadway, Suite 130
Portland, OR 97201
Phone: 503-227-6000
Other Phone: 919-720-2513
john@law420.com
www.law420.com
"Medical Marijuana and Drug Crime Defense Throughout Oregon"

PENNSYLVANIA

Simon T. Grill

104 S. Railroad
Myerstown, PA 17067
888-333-6016
STG1300@depix.net
Marijuana defense.

SOUTH CAROLINA

J. Kirk Fisher, Esq.

Cox & Fisher, LLC
115 Broadus Avenue
Greenville, SC 29601
Tel: 864-242-4711
Fax: 864-242-2937
jkirkfisher@bellsouth.net

TEXAS

Johnathan Ball, Attorney-at-Law

1115 Cardinal Ave.
McAllen, Texas 78504
(956) 501-6565 Phone
john@johnballattorney.com
www.mcallendruglawyer.com

Jeff Blackburn

718 W 16th
Amarillo, TX 79101
Phone: 806-371-8333
Fax: 806-350-7716
blackburn@dwtxinnocence.org

Greg Gladden

3017 Houston Ave.
Houston, TX 77009-6734
713-880-0333
gladden@airmail.net

Gerald Goldstein

2900 Tower Life Bldg.
San Antonio, TX 78205
210-226-1463
GGandH@aol.com

Michael C. Lowe, Attorney At Law

700 N Pearl Street, Ste 2170
Dallas, Texas 75201
214.526.1900
Toll free: 866.351.1900
Fax: 214.969.0258
www.DallasJustice.com
Board certified in criminal law by the Texas board of legal specialization.

David P. O'Neil (managing partner)

Habern, O'Neil and Buckley LLP
PO Box 8930
Huntsville, Texas 77340
1-888-942-2376 toll free
doneil@paroletexas.com
Over thirty years experience in state and federal courts in the greater East Texas Area.

Paul Quinzi

707 W.10th Street
Austin, TX 78701
Phone: 512-535-1081
Fax: 512-535-3386
paul@pq-law.com

Larry Sauer

Law Offices of Larry Sauer
1004 West Ave, Austin, TX 78701
512-479-5017
sauerlaw@wdo-law.com
Criminal defense.

UTAH

Robert Latham

845 Main St., Suite C8
Bountiful, UT 84010
(801) 299-9999
jrobertlesq@yahoo.com

VIRGINIA

Adam B. Crickman

Law Office of Adam B. Crickman
3516 Plank Road, Suite 5-B
Fredericksburg, VA 22407
540-785-5500
www.BUSTEDINVA.com
Experienced, Aggressive Criminal Defense.

David A. Downes, Esq.

14 Chester Street
Front Royal, VA 22630
(540) 636-8500
dadownes@shentel.net
Licensed in VA, WV, Wash DC, and Federal Courts
Over 22 Years Criminal Law

WASHINGTON

Jeff Steinborn

3161 Elliot Avenue, Suite 340
Seattle, WA 98121
Tel: 206-622-5117
Fax: 206-622-3848

Pat Stiley

Stiley & Cikutovich
1403 W. Broadway
Spokane, WA 99201
888-440-9001
fudea@earthlink.net
www.legaljoint.net
If you grew it, we will come.

WASHINGTON D.C.

David E. Kindermann, Esq.

15 West Montgomery Ave, Suite 300
Rockville, MD 20850
Tel: 301-762-7900 — 24/7
Fax: 301-309-0887
www.KindermannLaw.com
dave@kindermannlaw.com
Licensed in D.C., Maryland and Federal Courts incl. U.S. Supreme Court.

WISCONSIN

Robert J. Dvorak

Halling & Cayo
320 E Buffalo St., Ste. 700
Milwaukee, WI 53202
414-273-0373
rjdvorak@execpc.com
Representing the accused since 1978.

Mark D. Richards S.C.

209 8th Street
Racine, WI 53403
262-632-2200
richardslaw@ameritech.net
www.richardslaw1.com
Aggressive drug defense.



Identical versions of this same set-up exist all over the world.



THE GREEN REVOLUTION

Adapting the lessons of industrial agriculture to small-scale indoor cannabis cultivation ... before Big Ag gets the chance. By Dirty Dave

If the world's mighty, trillion-dollar-a-year agribusiness conglomerates ever got their hands on poor, defenseless Mary Jane, how exactly would they grow her, particularly to service the "high-grade" market that would undoubtedly survive the end of prohibition? With legalization literally on the ballot this November in California—and coming soon (hopefully) to a state near you—no doubt that discussion is already heating up in the boardrooms of Monsanto, Cargill and the other multinationals. Or perhaps they're simply dusting off their business plans and cultivation production designs from the last time it seemed like the weed might actually be set free.

For most stoners, and especially growers, the prospect of corporate control of the cannabis supply offers a mixed bag of pros and cons, hopes and fears—particularly for those who depend on marijuana cultivation for part or all of their income. In the meantime, White-Collar Boy from Northern Cali has decided to learn what he can from the growing methods of the giant agribusiness concerns and apply it to indoor marijuana production before they get the chance.

A self-described "former wage slave," White-Collar Boy earned an engineering degree in college and put it to use in Silicon Valley's semiconductor industry, basically "working for the Man" and making good money, but not liking it much. He'd never tried cannabis, but once he did, it took less than two years to quit his job, open up a hydro store, and start devoting his mental

energies to the much more interesting challenge of trying to design the world's best and most efficient marijuana growroom.

Perhaps the biggest innovation that White-Collar Boy has adopted from his study of agribusiness methods is what he calls a "copy-exact mentality," a concept that literally goes back to the first factory assembly lines and stresses that uniformity in design and execution will yield predictably positive results, time after time, so long as the initial design is sound and scrupulously replicated. The "copy-exact mentality" also allows future improvements and innovations to be integrated throughout the operation in a systematic manner, after being tested and approved on only one specimen of the design. For example, if slightly upping the CO₂ levels during the vegetative stage, or lowering the level of a certain nutrient during flowering, yields positive results in one controlled growroom, that same adjustment should produce the same positive results in every "exact" copy of that room.

So, while outdoor agriculture is forced adapt to the local climate and even daily variations in the weather, with indoor grow ops, only conditions within the controlled environment will produce the necessary cause-and-effect on the plants. This allows indoor growers to apply the scientific method much more precisely, adjusting only one variable at a time and carefully monitoring the results.



The air in this growroom is replaced once every minute by a powerful air conditioner.

“My concept downstairs has been successfully replicated more than 100 times all across the country,” White-Collar Boy says as he leads the way to the hidden entrance of a legally operating medical-marijuana growroom. “It’s all founded in math and physics.”

Although novice growers with limited experience and start-up capital probably shouldn’t attempt to get up and running by replicating White-Collar Boy’s entire 128-plant setup from scratch, there are certainly lessons to be learned in almost every corner of this vibrant indoor garden; it is also a blueprint of what to work toward if you eventually want to expand the size of your own operation. White-Collar Boy says his main motivation for setting up this “research and development” space was to have somewhere to test existing products before he decided to carry them in his store, as well as a place to develop and test his own innovations.

The first unique quality of the room that White-Collar Boy points out—again, standard agribusiness procedure—is the fact that nothing’s attached to the walls or ceiling. Instead, sturdy “grow stands” that he designs and manufactures himself accommodate the lights, ballasts, light movers and fans. The grow stands, made of powder-coated steel, feature pre-drilled ballast-mount locations that let him hang his lamps safely and easily, without drilling holes or searching for studs. Not only does this make the room easy

to set up and break down (particularly in a hurry), but it also protects the home he’s growing in from permanent damage—always a good idea whether you own the place or rent it.

Next, White-Collar Boy points out a truly “revolutionary” feature of the operation. As part of an overall effort to boost energy efficiency—not only to save money on power bills, but also to lower the end product’s carbon footprint—he has installed Solar Revolution light movers. Although he didn’t design the product himself, White-Collar Boy says he bought the patent from the developer and then “brought it up to modern manufacturing standards,” including high-stress bearings and instrument-grade motors, all-metal housing, steel arms and a detachable six-foot cord—with every unit hand-built and factory-tested in the US.

Hung from the aforementioned grow stands, the Solar Revolution light movers can accommodate up to eight lights at once—if they’re lightweight—and will typically rotate them 90 degrees in one direction, before reversing course and covering the same area in the opposite direction. The movers can also be programmed to cover 180- or even 355-degree rotations, depending on the grower’s needs. Those using a mix of metal-halide (MH) and high-pressure sodium (HPS) lights require the increased rotation radius to ensure that each plant receives both spectrums in steady amounts.

Solar Revolution light movers bring more lumens to the plants for less money.



THE GREEN REVOLUTION



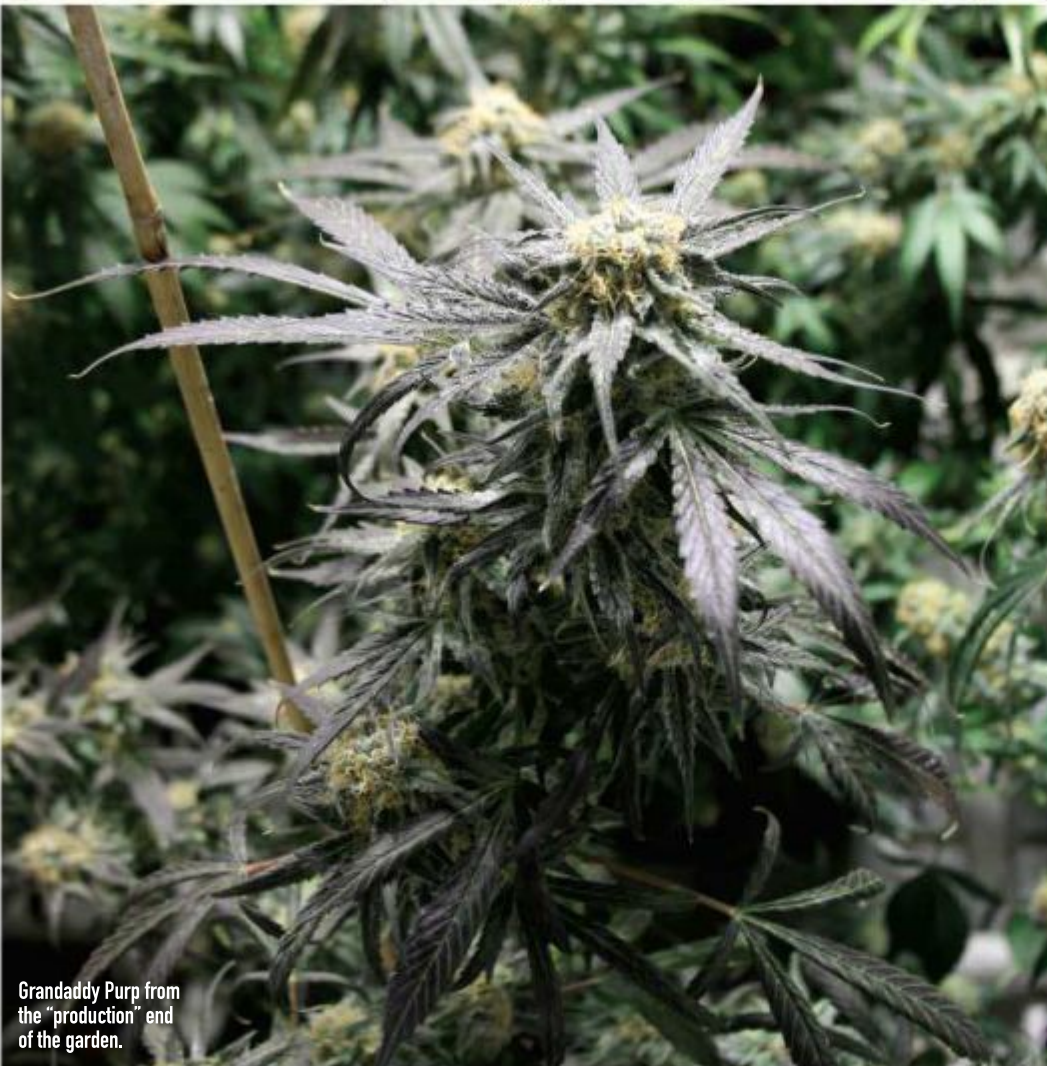
Using grow stands ensures that nothing in the room attaches to the walls, floor or ceiling.



A CO2 generator supports optimal growth conditions.



A specially designed manifold feeds and waters the plants evenly.



Granddaddy Purp from the "production" end of the garden.

By slowly moving lights across the top of the garden canopy, these movers also provide a more even distribution of light, ensuring that the tallest plants directly beneath the lamps don't "burn out" from the intense heat of constant direct light, and that the smaller plants at the exterior of the room don't get shortchanged. Light movers also allow a grower to penetrate the canopy with light from many different angles, so there are no "hot spots" (a strategy that agribusiness engineers call "shadow shifting"). The Solar Revolution setup even has a built-in "clutch-driven system," meaning that it won't get stuck, strip its gears or break if the moving mechanism butts up against an obstacle, but will simply switch directions and continue working.

In White-Collar Boy's room, six 1,000-watt lights cover 128 plants divided into two square plots of 64 plants, with three lights over each plot. While most growers would mount eight or even 10 lights over this same area, White-Collar Boy says that additional bulbs would bring "diminishing returns," meaning that the increased yield wouldn't justify the time and expense of acquiring, installing, and running the additional lights and ballasts. He also credits super-efficient Bell Lighting Technologies systems—which include bulb, ballast and reflector, all designed to fit and work together—for helping him do more with less. Based on his own experiments, as well as discussions with lighting engineers and manufacturers, White-Collar Boy strongly recommends standard ballasts, insisting that digital ballasts will burn out bulbs at an increased rate that negates any energy savings gained during their lifespan.

Another significant innovation in this room, once again inspired by White-Collar Boy's study of agribusiness techniques, is the ductless lighting system. The high-intensity discharge (HID) lights used by indoor marijuana growers produce a lot of heat, which can build up in the room and stunt plant growth if it's not properly ventilated. Most growers, therefore, "duct" this hot air directly from the lights to the outside of the room in order to maintain proper temperature. But White-Collar Boy says this ducting can be eliminated by calculating the BTU load of the lights and carefully matching it with the capacity of an air conditioner. He also recommends replacing all of the air in the growroom once every minute if it's not CO₂-based.

In this room, outside air flows in through an intake carbon filter (to remove impurities like mold), moves through the room rapidly, and then escapes through an exit carbon filter. The air conditioner, in turn, maintains room temperature and humidity when the CO₂ and lights are on and the fan exhaust is off, while the exhaust circuit has yet another carbon filter—this time to remove the smell of freshly growing cannabis before it leaves the growroom during the "nighttime purge."

White-Collar Boy houses his plants in growing trays that are also based on agribusiness designs, in a medium that's 50% coco and 50% Blue Ribbon potting soil by Dr. Earth, plus microbial inoculants and a full regimen of fertilizers from Humboldt Nutrients. To feed and water the plants, he has a top-feed drain-to-waste system, with the runoff typically used to feed and water an outdoor garden set up not far from the growroom.

35th Anniversary Collector's Edition!

HIGH TIMES

DIGITAL EDITION



Editor's Choice

In honor of our 35th Anniversary, HIGH TIMES is proud to offer new digital versions of 5 of our most sought after issues.

You'll get the most iconic issues of all time, as chosen by our editors—including the classic Premiere Issue, second issue, our first Bob Marley and Cheech and Chong issues, and the Snoop Dogg Stoner of the Year.

See how it all started—order your Collector Set today!

Digital Collector Set—\$35

When you subscribe to the monthly HIGH TIMES Digital Edition, you get all of our expert grow information, cannabis news and counterculture features delivered directly to your computer anywhere in the world.

HIGH TIMES' monthly Digital Edition has a searchable database—making it fast and easy for you to locate that favorite article, essential grow tip or amazing strain shot you've been looking for.

Plus, you can highlight and make your own notes right on the page, then save your personalized version. You can even print it out for reference in the growroom or to hang up on your bedroom wall!

TO ORDER GO TO HIGHTIMES.COM/TOPISSUES

THE GREEN REVOLUTION

An exotic sativa strain from the "development" end of the garden.



With 128 plants to take care of and no one to help, White-Collar Boy relies on the automated top-feed drip system to ensure that each plant receives water and nutrients in consistent amounts. He has also added his own innovation to this time-tested drain-to-waste technology, designing a manifold that feeds each plant as part of a parallel distribution rather than a sequential one, ensuring a uniform distribution from plant to plant. This special design, dubbed a "uni-flow" irrigation kit, also makes it easy to move the plants into and out of position, which is particularly handy if you need to quarantine any due to pests or diseases. The tubes also flow freely enough to run fish emulsion without clogging.

White-Collar Boy reports that the automated system requires very little time of the grower's time to keep running—20 minutes twice a week to dose the tank, and another 20 minutes once a week to flush. Overall, he reports, the grower spends just six hours per week in the growroom—mostly to check on all of the systems, remove dead leaves, and handle the watering and feeding. The only drawback to all this automation is the tendency to get complacent and miss the opportunity to fix small problems before they get bigger.

But what about the plants themselves? As mentioned earlier, White-Collar Boy has divided his 128-plant garden into two equal squares, one a "production garden"—or what he calls his "control"—featuring medical-grade Granddaddy Purp (and nothing but Granddaddy Purp), the other a "research garden"—or what he calls his "variable"—where he experiments with a mix of more exotic strains such as Chocolope, Trey Dog, Blue Dream, Pineapple Thai and Afghoocy. The Pineapple Thai, a nearly purebred *sativa* that grows far taller than its cannabis colleagues, presents a particular challenge—but since the room's lights can be individually raised or lowered on chains, White-Collar Boy is able to adjust accordingly for that quadrant while simultaneously keeping the lights at a "normal" level for the traditional indoor strains.

This focus on "total control" gets even more intense when we leave the growroom and White-Collar Boy shows off his fully automated IntellClimate climate controller. Designed to monitor and automatically adjust the room's temperature, humidity, light cycle and CO₂ level, the controller works to maintain a set of ideal settings supplied by the grower, turning the lights off and on according to a set schedule, and adjusting the ventilation, CO₂ and temperature in an integrated way that reduces any waste of electricity or CO₂. These functions can all be adjusted by computer via remote-access software, and the program even records and stores the garden conditions in real time so they can be reviewed retroactively, and the lessons learned applied to future efforts.

Best of all, the IntellClimate hooks into a personal computer via a standard USB cord, which means the entire system can be adjusted and even controlled via remote access 24 hours a day from almost anywhere. A security feature even sends a text message to the grower if the lights fail, any reading moves into a predefined danger zone, or the security of the operation has been compromised by outside intruders.

With all that said, this HIGH TIMES reporter certainly hopes that legalization takes the incentive out of indoor cultivation entirely and leads growers back out into the natural, healthy, environmentally friendly sunshine to cultivate our favorite crop as nature intended. In the meantime, it's nice to see someone taking the methods of agribusiness and using them to grow the best and most energy-efficient medical marijuana possible. ✨



An automated climate controller keeps a close eye on conditions.



This is not a game or an app, it's the future of herb growing.



First find the ideal temp and humidity, then use technology to keep it locked in..



All the hard work and planning is worth it in the end.

HOMESTEAD'S EZ GRO MUSHROOMKIT

Now IMPROVED
to make it
easier
then ever

Only
TWO EASY
steps



The EZ Gro Mushroomkit is the easiest way to grow your own mushrooms...

1. Mix the grain and Psilocybe Cubensis spores together without ever having to open the sterilized bag.
2. After the grain has been colonized, mix it with the bag of compost.

That's all there is to it!

- Put the kit in a warm place
- Wait a couple of weeks for your mushrooms to grow
- No need to water it or even look at it
- Just go away and leave it alone
- The mushrooms grow automatically

It's That Simple!



We include:

- Complete instructions with color photos

PLUS:

- A free DVD shows everything you need to know
- Awesome videos of mushroom farms in Holland.

The EZ Gro Mushroomkit Includes everything you need:

- Psilocybe Cubensis spores
- Grain
- Our world famous special blend of mushroom compost

- The price is only **\$105** plus **\$15 shipping** for a **Total of \$120**
- Washington State residents Please ad Sales tax of \$10.68

Order Toll-Free at 800-426-6777

EZ Gro Mushroomkit:.....\$120
2-step grow-it-yourself kit includes Psilocybe cubensis spores and shipping. *Sorry, not sold outside the USA.*

The Mushroom Cultivator:.....\$40
The biggest and best book ever published on growing mushrooms, 400 pages, color photos.

Order Toll-Free Today! 800-426-6777
Visa, MasterCard, American Express, and Discover cards accepted. Checks take longer to process than money orders.

Questions?
Phone: 206-782-4532 or
Email: info@homesteadbook.com

Homestead Book Company
P.O. Box 17444
Seattle, WA 98127

Serving you since 1972. Our 36th year. Sorry, no COD's. Washington State residents please add 8.9% sales tax.

Name: _____

Address: _____

City _____ State _____ Zip _____

Total Enclosed: _____

Visit us online at
www.homesteadbook.com

Homestead Book Company
P.O. Box 17444
Seattle, WA 98127

HARVESTING

As more and more growers turn to machines in order to trim and manicure their bounty of buds, HIGH TIMES investigates how they really work for commercial crops. Story & photos by Erik Biksa



Untrimmed tops are loaded into the unit for processing.



Blades cut fan leaves from the buds as they tumble.



The finished product falls gently into a collection bin.

Harvest time is met with excitement, sometimes a little bit of nervousness and always a lot of work. Even smaller-scale growers can appreciate the amount of time and effort that goes into harvesting, trimming and drying their yield of buds. Historically speaking, this has always been done by hand. While bigger fan leaves can be easily plucked away from buds, trimming the sugar leaves off is a tedious process that often involves a pair of scissors.

Aching hands, backs and necks are common symptoms that trimmers endure to bring the harvested crop from “raw” to “finished.” It has to be done, and it has to be done well: Poor harvesting and processing practices can really hurt the quality of the yield that growers worked so long and hard to achieve.

Thankfully, in recent years, there has been an evolution in the trimming devices offered as alternatives to the laborious scissors method. While scissors may be fine for a closet cultivator, growers on any kind of larger scale are looking

to improve their harvesting capabilities. Besides saving money on labor and getting their crop ready for the drying racks faster, a faster turnaround means that the growroom can be filled with new plants more quickly. If the crop can be harvested in a day or two instead of a week, it adds up to more production time over the course of a year for continuous producers.

Automated crop-trimming machines vary in their designs and output capabilities. There is something out there for almost any budget and scale of grower. For small to medium-sized har-

vests, the semi-automatic upright bud tumblers with a rotating cutting wire fit the bill perfectly. Basically, you just place your buds (fan leaves plucked off) onto a metal screen, pop the lid on, and either hit the power switch or crank by hand, depending on the model. In about 60 to 90 seconds, your buds will be perfectly trimmed. You can harvest a healthy 1,000-watt yield in less than a few hours using this method.

The way it works is both simple and efficient. Rubber fingers inside the lid gently tumble and rotate the buds sitting on the mesh rack. At the same time, a cutting wire is rotating underneath, clipping off any leaf matter sticking out from the buds and collecting the trim below. Besides speed and ease of use, there are two advantages to this method: First, it’s relatively quiet, and second, the trim is in great shape for further processing.

For serious crop-trimming needs, the industrial vacuum-operated machines with rotating drums and fixed cutting blades are the ticket. These machines can trim a pound of dry marijuana in less than 10 minutes with very little labor required by the operator. The most innovative models have a sorting table located on top of the machine; from there, buds are continuously fed into the unit by simply brushing them into an opening in the table. This drops the buds into one end of a rotating tumbler that runs the length of the machine. As the buds travel down the tumbler, any leaves sticking out are pulled toward the cutting bed by the suction created inside the cutting area by the industrial vacuum connected to the unit. By the time the buds reach the exit point, they have been completely trimmed of excess leaf material before being discharged into the collection bin below. Even the smallest buds come out perfectly trimmed—not only faster than doing it by hand, but often better.

These machines save huge amounts of time and can literally do a week’s worth of trimming in the course of a well-planned day. The vacuum units make some noise, and the unit itself takes up some space, so a little bit of planning is usually in order (as it always should be when strategizing any large-scale crop processing). Another plus is that on some models, the operator can adjust the depth of the cut, creating the desired bag appeal they’re after.

These devices don’t replace people. Trimming machines all require an operator—and in the case of big industrial trimmers, a team of workers—to keep feeding them; because they work so fast, they can actually be a challenge to keep up with. But since they make everyone’s job much quicker and easier, in the end, everybody wins. ✨

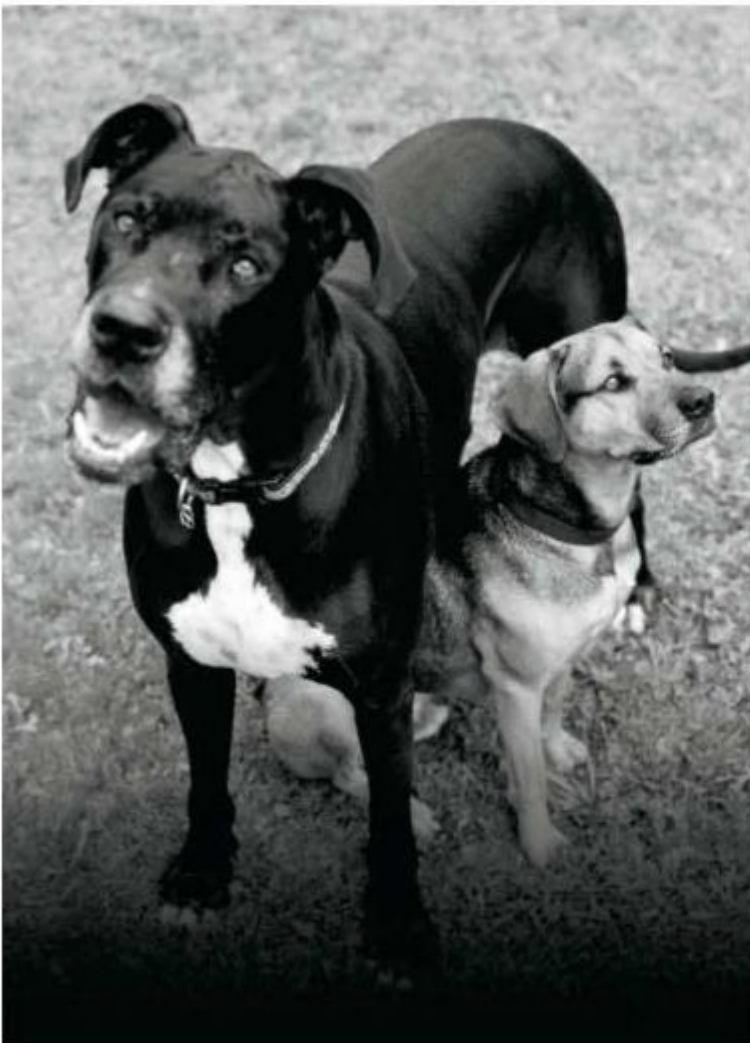
TRIMPRO

COMES TO YOUR RESCUE



- New innovative leaning design
- Effective dual motor system
- Gentle leather strap method
- Famous Trimpro blades

info@trimpro.ca 450.349.0811 WWW.TRIMPRO.CA



Be an *Angel* for the *Animals*

Find out how YOU
can make your community
a loving place for animals.

For more information, call 757-622-PETA
or visit our Web site HelpingAnimals.com

PETA

FACTORY DIRECT SPINNERS



- Energy Saving Digital High-Frequency Electronics
- Self-Cooling Light Delivery Systems
- Dynamic Light Delivery Systems Spin at 30 & 60 RPM
- All systems come with Sun Pulse brand digital lamps.
- Exceptional warranties
- Best canopy penetration
- Digital lighting systems since 1999



Dimmable Systems Available



Buy Factory Direct and Save!



To find out more, call:
(559) 589-9717

REQUIEM FOR A HEAVYWEIGHT

Our cannabis culinarian remembers a day when Jack Herer took a step further. By Ashley Boudreaux

The infamous Chris Little called me from California with the heartbreaking news: “Jack died.”

He didn’t need to explain which Jack. In the New G Nation, there was only one Jack—Jack Herer, the Emperor of Hemp, Cannabisaurus Rex, the man, the legend ... Jack. I felt myself sinking into the bed as tears streamed down my face, into my ears, onto the pillow.

I can’t remember exactly when I met Jack. 1996? 1997? The precise moment is inconsequential—I loved him instantly. We were introduced by Kevin Aplin of the Florida Cannabis Action Network. Indeed, without Jack, there would have been no Cannabis Action Network. The stones he threw at our ridiculous drug policies will cause ripples throughout generations of activists for years to come.

He was a giant teddy bear of a man with an infectious smile, a booming laugh and a mind that idled at 75 mph. I used to tease him and say that if we threw a microphone into a pool, he’d drown. Jack always had something interesting to say, and when he spoke, he captivated all those around him. He had an enormous intellect and an even bigger heart. He was irascible, incredible, and left an indelible impression on everyone in his glorious wake.

I guess it’s fitting that I share an anecdote about Jack that only my closest friends have heard. I ran into Jack on my very first assignment for HIGH TIMES. I’d been obnoxious in my pursuit of an HT byline, so after a year of annoying one of the editors, he told me to interview Jiva, queen of the Rainbow Gypsy Tribe. He gave me no contact information and was undoubtedly aware that Jiva was en route to Oregon for HIGH TIMES’ own WHEE Festival. I wondered if I was being set up to fail.

But Jiva and I had been good friends for



years—no way was I going to be deterred. So I hitchhiked across the country with \$100 (don’t try this at home), bullshitted my way into the festival with the help of a hippie named Brother Bliss, and found Jiva.

While at the WHEE Festival, I ran into Gideon Israel of Rainbow Valley. We were relaxing in the shade when Jack Herer walked up, gave me a bear hug

and joined us. About two minutes later, Ken Kesey appeared, exchanged pleasantries with Gideon, and sat down to chat as well. It was the first time the Merry Prankster had met the Emperor of Hemp. I knew Jack, I knew Gideon, but Kesey was a legend to me. He had piercing blue eyes that would assess a person’s soul in half a second, and I was stunned into silence. I was in the presence of greatness, a witness to history, sitting there with three counterculture giants at a table built for four. I shut the hell up for once in my life and just listened.

A young man stopped in his tracks in front of our table, mouth agape, and said something to the effect of “Holy shit, you’re Ken Kesey! And Jack Herer!” He loaded a bowl of some tasty sweet and offered it up to the four of us. As Ken passed it to Jack, he shared his thoughts with nobody in particular.

“I don’t care much for bowls,” the Prankster-in-Chief intoned. “I prefer joints; joints don’t belong to anyone.” Then he passed the bowl back to the groupie-man with a half-smile and launched into an in-depth rant about farm subsidies.

Farm subsidies?

That’s it, folks: The words of wisdom that I was so blessed to hear at this historic meeting of three great minds involved farm subsidies and the Zen-like detachment of joints. But I wouldn’t trade that moment in time for all the dank in Oregon. I was there.

And now—alas—they’re gone. ✨

FUNERAL POTATOES

I adapted this recipe from a dish that my cousin in Utah fed me recently; it’s traditional to serve this comforting fare as part of a funerary repast in Mormon country. And since Jack has left us to join Ken Kesey at that great hippie festival in the sky, we can use all the comfort we can get right now.

- | | |
|--|--------------------------------------|
| 7 to 10 grams quality <i>Cannabis sativa</i> shake | 2 cups shredded sharp cheddar cheese |
| 10 tbsp butter | ½ cup diced green-onion tops |
| 1 tbsp water | 2 tbsp minced garlic |
| 1 32-oz bag frozen shredded hash browns | Salt and pepper to taste |
| 2 cans condensed cream-of-chicken soup | 2 cups corn flakes, lightly crushed |
| 1 pint sour cream | |

Combine ganja, butter and water in a double-boiler. Simmer gently over low heat for 40 minutes. Strain well and set aside. Preheat oven to 300°F. Combine soup, sour cream, cheese, six tablespoons of ganja butter, green onions, garlic, salt and pepper in a large bowl. Mix well. Gently fold in frozen hash browns and mix thoroughly. Spread mixture into a greased 9” x 13” pan. Cover with corn flakes and then drizzle the remaining ganja butter over them. Bake for 30 to 40 minutes. Stones 8 to 10.

PASS ANY DRUG TEST

200% MONEY BACK GUARANTEE

PRODUCTS FOR URINE, SALIVA & HAIR

**DETOX
FOR LESS**

1-877-420-3386

WWW.DETOXFORLESS.COM

ENTER COUPON CODE
hightimes
FOR 5% OFF YOUR ORDER



Overnight Available!
Money Order or C.O.D. We Ship to Canada!

QUICK FIX

Unisex Synthetic Urine.
Never Failed a Test!
#1 Synthetic on the Market!
Reg:\$35 **Our Price:\$29.95**



URINE LUCK

Great for Random Testing!
Totally Undetectable!
Perfect for Heavy Users.
Reg:\$35 **Our Price:\$29.95**



ABSOLUTE DETOX

16 oz. 5 Hour Flush.
Totally Undetectable!
99.87% Success Rate!
Reg:\$35 **Our Price:\$29.95**



QUICK FIZZ

Works for Saliva and Urine!
Great Tasting Orange Flavor!
Effective Up to 5 Hours.
Reg:\$35 **Our Price:\$29.95**



Visit Our Website For More Products!

CHECK LOCAL, STATE AND FEDERAL LAWS BEFORE ORDERING

NEW from CanaMedix™ Water Pipe FILTER*



- ✓ Strong & smooth
- ✓ Reduces coughing & lung irritation
- ✓ Reduces spread of contagious diseases
- ✓ Improves hygiene - protects from germs and water splash
- ✓ Reduces harmful particulates and tars



*INTERNATIONAL PATENTS PENDING

www.CanaMedix.com

Health Disclaimer on Website

Toll free# 1.877.226.6055

ORDER ONLINE * FREE SHIPPING!



REBEL YELL!

They live life to the beat of a different drummer, are sure of who they are and what they stand for.

They're the free and forward thinkers, innovators and creators whose ideas and words inspire, polarize, spark imaginations and powerfully connect.

They're rebels, outcasts, Davids' in a world of Goliaths, that come from the least likely of places.

They tread where others fear to go, dislike conforming to the norm, and don't care much for the man or his machine because they truly embrace freedom.

It's hard to fool them because they have a clear perspective on the world and see things for what they really are.

They're fiercely aware of what's right and wrong, speak their minds and take no prisoners.

They look at life differently, society can't pigeon hole them or put them in a box, and they see things where others don't.

Their ideas are sometimes out on the fringe, the ragged edge. They have to be, because they're open to the possibilities and realities that change the world.

Some see them as a fish out of water, trouble makers and oddballs. We see them as gifted, profound and uniquely brilliant.



*Advanced
Nutrients*



DEAR DANKO

ANSWERS BY DANNY DANKO

This Golden Nugget cluster was grown out in Hawaii using seeds acquired from marijuana-seeds.nl. The Jack Herer father and *indica*-dominant mother combine to produce huge and compact frosty buds.

LIGHTING UPGRADE

I'm planning to start a new grow cycle and I'm looking to upgrade my bulb. The last space I had was 3' x 3', with three plants at a time under a 400-watt metal-halide (MH) system switching to high-pressure sodium (HPS) during flowering. I want to go bigger, and I was wondering: If I get a 600-watt cool-tube system, is it possible to grow 12 plants within a 4' x 4' area? Is that enough space for all 12 *indica*-dominant plants? Better yet, is a 600-watt system powerful enough to cover a 4' x 4' area? Can I go bigger? My main question is on coverage, though I will eject plants as necessary. My plants finish off around 3 feet high. Thanks!

DEXS-V379

Dear D~V,
You will have no trouble at all lighting a 4' x 4' space with a 600-watt light. Twelve 3-foot-tall plants will be a bit crowded in that space, so you may want to spend less time growing the plants in their vegetative stage and induce flowering sooner in order to have enough room for the plants to mature.

Be aware that with higher-wattage light comes the added problem of more heat. The cool-tube system you mentioned pulls hot air away from the bulb, so you're already on the right track. Good luck on your upgrade!

GREEN CRACK?

Congrats on the column! I'm disabled and can't work a computer. Can you please tell me the lineage of the Green Crack strain as well as its flowering time?

Also, I've got a tip for your readers on getting resin off your hands after trimming. Instead of soap and water, use popcorn! That's right, eat a bag of buttery popcorn and, by the time you finish the bag, your hands will be clean of resin, and you'll also have an extra buzz from eating the trichome-soaked kernels. Thanks for your answers and time!

*Wheelchairs for Cannabis
Hot City, Arkansas*

Dear Wcfc,
Sorry to hear about your condition. The unfortunately named Green Crack strain hails from Southern California and is very prevalent in the San Diego area. Available in many dispensaries in both bud and clone form, it's a very Kushy strain, but more on the sweet and lemony side, with less of the fuel and anise flavors and odors of the OG Kush.

Green Crack's original heritage is from a 1989 Super *Sativa* Seed Club (SSSC) Skunk #1 crossed with an unknown *indica* back in Georgia. Soon after, some clones made their way west. The Cali growers fell in love with this fast-flow-

ering, *sativa*-dominant strain that finishes in just under 50 days. Thanks for the popcorn tip, too! Sounds tasty.

WHEN TO FLUSH

I have a friend who has a friend who bought Gravity Flower Hardener. He knows that you're supposed to flush 10 to 14 days before harvesting, but the directions say to apply it for two consecutive waterings beginning about three weeks before the end of flowering. It also says that it can be applied with other nutrients; my buddy's using FoxFarm Tiger Bloom. The real question is, after he uses the flower hardener, how long should he keep using the FoxFarm before he flushes? And since Tiger Bloom is supposed to be organic, can he still use it after he flushes?

Jim A.

Dear Jim,
You are correct that plants should be flushed for 10 to 14 days, and that goes for organic nutrients as well as chemical ones. Always give your plants plain water for their last two weeks of growth in order to leach out the salts and minerals that have accumulated with every feeding. Your bud will burn smoother and taste much better, and you'll see a clean white ash on your joints instead of them burning like coal and constantly needing to be relit. Well-flushed cannabis is also essential



Canadian Residents Only!

If you are suffering from any of the following conditions, you are Eligible for your Authorization To Possess/Marijuana Exemption from Health Canada!

- HIV/AIDS
- CANCER
- MULTIPLE SCLEROSIS
- EPILEPSY
- ARTHRITIS
- SPINAL CORD INJURY/DISEASE

CANNA PHARM.CA

Cannapharm Compassion Society provides Canadians the information and tools they need to apply for their Authorization To Possess

Visit Us Online @
www.cannapharm.ca

Being Canada's Premier not for profit Compassion Society, Cannapharm is dedicated to making sure Canadian Exemtees across Canada have a safe, reliable and potent source of medicine. We are the **ONLY Compassion Society to offer Subsidies to Canadians on any sort of government assistance.**

We believe that financial hardship should not stand in the way of getting the medicine you urgently need! Cannapharm Compassion Society pioneered the Cannapharm Subsidy program, a first of its kind in Canada! **We offer subsidies of up to 8 ounces a month FREE OF CHARGE** to those that qualify!

If you or someone you care for is in need of high quality medical marijuana please visit our website and feel free to contact one of our experienced intake support workers. All inquiries to Cannapharm are kept confidential

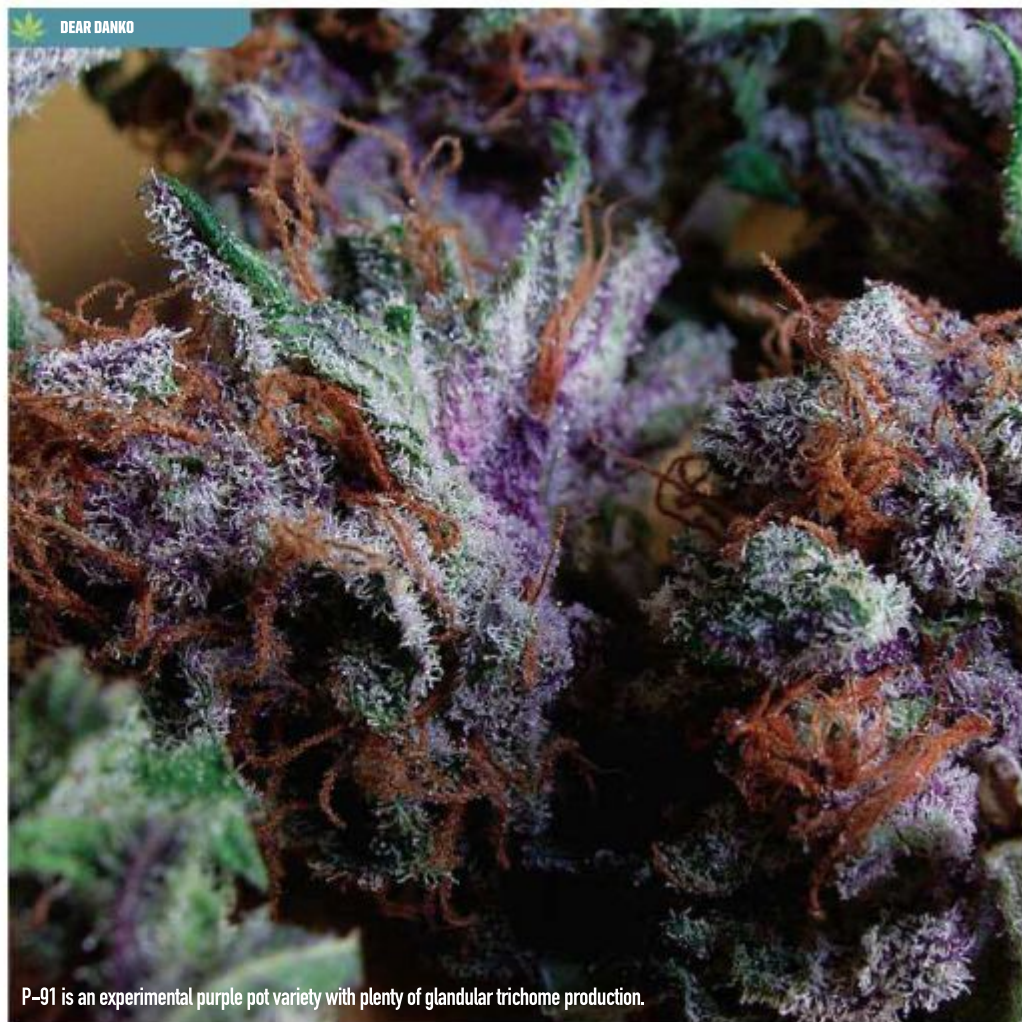
FREE MEDICAL MARIJUANA TO THOSE THAT QUALIFY

Cannapharm Compassion Society

info@cannapharm.ca

778.552.3145

DEAR DANKO



P-91 is an experimental purple pot variety with plenty of glandular trichome production.

for medical patients whose immunity may be compromised.

SLUG BAIT

In the past, I've had huge problems with slugs and snails—just a couple of slugs can wipe out one of my seedbeds overnight! I've found that iron-phosphate-based molluscides are effective, safe, and okay for organic growing, but chemical products such as Ortho Bug-Geta are extremely toxic to birds, wildlife *and* your plants and should never be used. Is there anything else that can help rid me of these slimy little buggers?

Tony in Maine

Dear Tony,

Another great way to handle slugs is to use simple beer traps. Bury some plastic or styrofoam cups almost up to their rims in your garden and pour in some cheap beer about halfway. The slugs will be lured into the cups by the yeast in the beer and then drown their sorrows (and themselves) in your bitches' brew. It's a highly effective (though admittedly kinda gross) way to deal with the pesky mollusks that hope to eat our plants and ruin our gardens.

GOT PURPLE

Why do some strains turn purple while others stay green until they're done? We've seen so many purple strains around here recently, and everybody has a different theory on how they get that way. One friend even said the growers use dye to color the buds!

Violet Jay

Dear Jay,

There are only two natural reasons that a canna-

bis plant or flower will turn purple; one is genetics and the other is temperature. Some strains inherently shift their coloring from green to many different shades of lavender as they mature due to their particular chosen traits, while others do so as a reaction to cold air towards the end of flowering.

Varieties such as Purple Urkel, Grape Ape, Purps and The Black were selected and bred for this particular trait. They tend to start changing colors from about four weeks of flowering on. Strains that turn purple because of colder temperatures usually do so in the last two weeks or so of their lives. No grower worth his watering can would ever use any kind of dye or adulterant in order to color their buds—it's dangerous, disgusting and unethical.

STRAIGHT TIME

As you know from the envelope, I'm currently in jail and don't have many prospects for a job when I get out. How many plants do I have to grow to get two pounds every 60 days?

Mo

Dear Mo,

Sorry to hear about your current situation. You should very carefully consider your future plans, as the cultivation of marijuana is treated just like other serious crimes in most states and could easily land you back in jail if you're not careful. So decide and plan accordingly.

As to your question, the amount of plants isn't important to achieving the results you're after. The crucial factors are how much light you can provide and how much space you can devote to your project. A perpetual harvest requires

multiple growing spaces in order to have vegetating plants ready to flower as soon as you've harvested the last batch. Invest most of your budget into grow lighting, ventilation/odor control and security.

When it comes to the amount of plants, less is more: Simply allow them to stay in their vegetative stage for a month instead of two weeks to grow bigger plants in larger containers. You'll be doing less work overall, and the consequences for you in a worst-case scenario are better with lower plant numbers.

DON'T GET GASSED

I have a friend who also grows buds. After having used CO₂ on my own organic garden and seen the increase in yield and quality, I recommended it to him, but he's totally against it. He claims that because he grows hydroponically, it won't do any good. I say nonsense! He's got a 12' x 12' room with four big containers with four plants each under two 1,000-watt lights. He's been yielding fine already, but do you think he could improve his harvests with more carbon dioxide?

K.B.G.

Dear K.B.G.,

Typical levels of carbon dioxide in the air are around 300 to 400 parts per million (ppm). Raising the level to 1,500 ppm using a tank or a generator along with a sensor and regulator will greatly increase your plants' ability to convert CO₂ and light into sugars through the process of photosynthesis.

Keep in mind that going higher than 2,000 ppm is counterproductive and can give you quite a headache as well. CO₂ is heavier than regular air, so always dispense it from above your plant tops. The gas will displace oxygen, so *never* go to sleep on your growroom floor when using CO₂!

COOL IT NOW

I have a very small growroom, just big enough for my six medical plants. I'm using a 1,000-watt air-cooled HPS light and was wondering how many cubic feet per minute (cfm) of air do I need to evacuate in order to cool the light? The room is only about 100 cf. I tried a 250-cfm fan, but the temperature two feet below the light was still 115°F. Because of the limited height of the room, I need to substantially reduce that. Any ideas would be appreciated.

Ben N.

Dear Ben,

Unless you're willing to incorporate air conditioning in your growroom, your space may just be too small for a 1,000-watt light that, even when air-cooled, can generate a large amount of heat in a small area. Instead of trying to upgrade your fan, you may simply need to downgrade your light to a more manageable 600-watt or even 400-watt HPS and keep the fan you have. You'll find that your six plants will be happier in cooler temps, and you'll definitely have less issues with heat in your small space.

INDOOR AND OUTDOOR SEEDS

I've been searching around the Internet for cannabis seeds, and I have a question: What's the difference between "indoor" and "outdoor" seeds? I keep seeing them listed this way and I don't understand what



PLUG IN & GROW! | **GUARANTEED TO GROW EASIER, BIGGER, and BETTER!**

Superponics: Fully-Automated hydroponic systems combining bubble, top feed, ebb n' flow, nft, and aeroponics technology.

SuperClosets provide you with EVERYTHING, including "Growing Easy, Bigger, and Better with your SuperCloset" DVD, a full year of nutrients, TDS meter, pH kit, Activated Carbon Air Filtration, "SuperCool" lights on yo-yo's, Superponics System and SuperCloner, hydrometer, internal circulation fan, plant trellis (helps increase growth by up to 40%), lifetime technical support and a 3 year full warranty on EVERYTHING. Grow now and order your SuperCloset today!

SEE WHY WE'RE THE #1 SELLING GROW CABINETS IN THE WORLD!
VISIT WWW.SUPERCLOSET.COM CALL 1-877-GROW-SUPER (476-9787)

COMPOST TEA BREWERS
 Make Your Own LIVE Organic Tea
 Kit Includes for \$88:
 Brew Bucket
 Pump
 Lines and Valves
 3 Tea Bags
 Premeasured Tea Bags at \$15:
 Reusable
 Easy Attachment

GROW THE BIGGEST HEALTHIEST PLANTS
 JAA FLOWERS (503) 545-0210
 jaaflowers@gmail.com

FREEDOM IS
NORML

GET ACTIVE! JOIN THE
FIGHT FOR LEGALIZATION
NORML.ORG

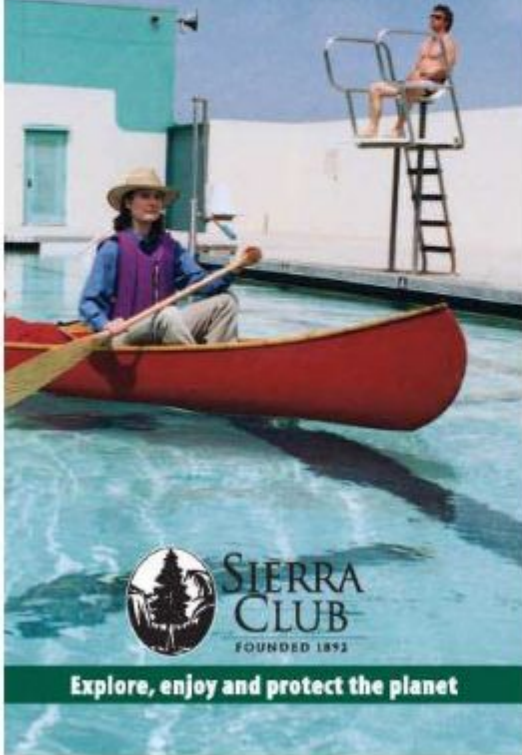
"Plant-Tonic"
 The Natural, Safe, and Complete
 Plant Food, Made in the U.S.A.

ARE YOU
FOLIAR FEEDING?
 YOU SHOULD BE USING
PLANT-TONIC

100% Chemical Free!

Try it! We'll send you a
FREE BOTTLE
 if you'll just pay for shipping.
 Use the code **HIGHTIMES**
 to get your free bottle.
 More info at www.plant-tonic.com
 Or mail us at: Peaceful Woods
 P.O. Box 595, Oregon, IL 61061
 Plant-Tonic contains "NO" Sodium!

If we don't do more to save the outdoors, there won't be anything left to save.



DEAR DANKO

Vegetating plants under fluorescent lighting reduces heat buildups and electrical costs.



BURNABLUNT™ CLOTHING CO. INC.

QUALITY IS WHAT WE DO

- TEES
- HOODIES
- HATS
- LONG SLEEVES
- ZIP-UPS
- DA DUN DUN DUNS
- STICKERS
- BEANIES
- AND MORE

559-681-2497
WWW.BURNABLUNT.COM

www.johnnyhappyseed.com

JOHNNY HAPPY SEED

Let my people grow!

they mean. Any help would be greatly appreciated! I'm struck numb in the brain.

Mark in TX

Dear Mark,
The difference is in the genetics of the plants that the seeds will grow into. Seeds more suitable to the outdoors grow stocky branches that have no trouble holding up the weight of heavy colas and can withstand the harshness of wind and rain. Plants from indoor seeds may need to be staked up in order to thrive and may be more susceptible to pests, molds and diseases. Many plants will do fine either indoors or out, but some simply can't hold up to the rigors of nature and require a bit more pampering to thrive. Others, such as extreme *sativas* with very long flowering times, shouldn't be grown outdoors in higher altitudes and colder climates with early frosts—they won't have nearly enough time to finish before they freeze and die. Choose your seeds wisely!

MISTY MORNINGS

Greetings. We've been growing our cannabis in the mountains outdoors using hoop houses and a greenhouse in order to extend the season. The problem is, with our typical foggy mornings,



These nutrients were laid out for displaying purposes only. Always keep your fertilizers out of direct sunlight and in a cool dark place when not in use.

we've had some serious issues with molds such as botrytis. It takes hold and spreads quickly, infesting our plants and killing our medicine. What can we do?

Horse Meat

Dear HM,
One innovative way I've seen greenhouse growers dry off morning dew is by using a wood-fired stove to burn off moisture with heat. Anything

you can do to reduce humidity inside your growing areas will help keep the molds you're experiencing at bay, and sometimes just airing the place out can work wonders.

I also recently heard from my buddy Dark Cycle from the Pacific Northwest, who's somewhat of a reluctant expert on treating powdery mildew. He reports that harpin protein, the magic ingredient in the no-longer-available Messenger, is now being manufactured under the new brand name Employ from Plant Healthcare Inc. It's available over the counter or via the Internet in packets that each make 50 gallons to use as a foliar spray to combat plant molds and mildews.

UN-LED-ED

I have a walk-in closet that's 6' x 6' x 8'. The space my plants will be occupying is only 4' x 3'. I'm considering using either a 430-watt HPS setup or one of the new LED systems on the market. Which would you recommend? Also, can I still use CO₂ with the LED?

Tex

Dear Tex,

My recommendation is to go with the 430-watt HPS system for your particular needs. Almost all of the LED lighting systems we've tested and seen still need work on either the design level or pricing. As they continue to develop and become cheaper, LEDs may become more viable, but for the time being, stick with high-intensity discharge (HID) lighting for your primary source of lumens.

If you choose to go with the LED, rest assured that you can supplement your air with CO₂ just as you would with a typical HID or fluorescent lighting system. FYI, the Stealth Grow LED system featured in this issue's STASH Awards is the best one we've tested out so far.

WINE COOLER

I wanted to share a little backwoods savvy from Washington State with your readers. Every year, we produce 15 gallons of homemade wine in 5-gallon glass carboys. I put these in with my herb plants, and they really seem to enjoy the extra carbon dioxide given off during the process.

We've also got a group of bats that frequent the eaves on the back of our house. I strategically place a bucket to catch the rainwater and bat guano, which I strain and feed to my plants. Just another way of making ends meet and still enjoying some of God's great green. My question: How much guano water would you recommend per liter of plain water? I've been using 1 tablespoon per liter with seemingly fair success.

Mike on the Mountain

Dear Mike,

Thanks for the wine tip! Hopefully, some of our readers will try that out. Just be sure to cover the carboys or wine jugs completely to avoid letting them get light. As for your home-collected guano water, why mess with a good thing? Keep feeding them as you have been and only increase the dosage if you see the leaves beginning to turn yellow, or decrease it if you see signs of burning at the tips of your leaves. Fresh guano can be quite "hot" for an organic nutrient, so only raise the dosage in small increments as needed. ✨

Now feminized seeds!

Serious Seeds

AK-47 (Most awarded strain known)

Only award winning strains!
Your guarantee for success!

For catalog, info or seeds: **Serious Seeds**
Postbus 1239, 1440 BE Pummerend, The Netherlands
info@seriousseeds.com - www.seriousseeds.com

Bubble Gum
Kali Mist
Chronic
White Russian

11 normal seeds or 6 feminized seeds in a tube

SALVIA BANNED!
DON'T THINK IT'S NOT ILLEGAL IN 13 STATES

OBEY

OFFICIAL NOTICE:
Here's Your Last Chance To Buy Salvia
Before It's **ILLEGAL IN YOUR STATE...**
Buy America's #1 Salvia Brand Now Online:
SALVIASPIRIT.COM

FREE SHIPPING
FREE 10% MORE

SIMPLE - AFFORDABLE - RESULTS

53 Cloning Sites
\$159.99 + S & H
www.groclone.com
OR (916)391-9500

Send cash, check, or money orders to:
D & K Enterprises 8250 Calvine Road,
Suite C. #288, Sacramento, Ca 95828

Tamisium ESSENTIAL OIL Extractor
There are some Aromas and Fragrances that cannot be extracted by any other means than a Butane Extraction

- Machined Stainless Steel Lab Food Grade Extractor capable of combining Non Toxic Butane with other Solvents - Polarity Targeted Extractions
- Recover and Reuse 100% of Solvent in under 1 hour with no additional equipment or electricity. Set up and Extract in under 5 minutes.
- Extract using Rapid Burst or Slow Soak, Sub Freezing or Hot, Low Pressure or Higher Pressure. Extracts from 2 ounces of material with 100% Efficiency
- Totally Closed System never exposes Solvents to You or the Atmosphere
- Patent Pending Design & Process, Environmentally GREEN Extractor

LIFETIME WARRANTY
www.tamisiumextractors.com
ESSENTIAL@TAMISIUMEXTRACTORS.COM
Email from website to ensure accurate contact information

FS, P.O. Box 417457, Dept. A-7
Sacramento, CA 95841-7457 USA

FREE SHIPPING! FAST SERVICE! SINCE 1985!

- INTRODUCTION TO INDOOR GROWING, *Simple Guide*, High Grower, DVD.....\$30
- HIGH YIELD HYDROPONICS SYSTEMS, *All About Hydro*, High Grower, DVD.....\$30
- OUTDOOR GROWER, *Small To Large-Scale Gardens*, High Grower, DVD.....\$30
- HASHMAN, *Demonstrates Many Ways to Make Hash*, High Grower, DVD.....\$30
- MUSHROOM GROWING MADE EASY, *Complete Guide*, High Grower, DVD.....\$36
- ALL ABOUT HYDROPONICS, *Complete Hydro Guide*, High Grower, DVD.....\$30
- SEE MORE BUDS VOL. #1, *15 Lbs. in 80 Days!*, SeeMoreBuds, DVD.....\$25
- SEE MORE BUDS VOL. #2, *Growing Marijuana*, SeeMoreBuds, DVD.....\$25
- SEE MORE BUDS VOL. #3, *The Perfect Garden*, SeeMoreBuds, DVD.....\$25
- THE ULTIMATE GROW, DVD, HT.....\$20 Vol. 2.....\$20 Box Set 1, 2 & 3.....\$50
- I GROW CHRONIC, Mr.Green, *Step-by-Step Guide*, *Basic Grow Room*, DVD.....\$30
- SEA OF GREEN, Hans, DVD, \$37 Vol. #2...\$37 Vol. #3...\$37 Vol. #4...\$37
- MARIJUANA GROWER'S HDBK, *All New! Full Color*, Rosenthal, 530 pgs...\$30
- THE CANNABIS GROW BIBLE II, *New Color Edition*, Greg Green, 538 pgs...\$25
- MARIJUANA NEW SCHOOL, *Outdoor Cultivation*, Jeff Mowta, 157 pgs...\$17
- MARIJUANA NEW SCHOOL, *Indoor Cultivation*, Jeff Mowta, 272 pgs...\$20
- THE CANNABIS BREEDER'S BIBLE, *Marijuana Genetics*, G. Green, 237 pgs...\$22
- MARIJUANA MEDICAL HDBK, *Marijuana is Medicine*, Rosenthal, 257 pgs...\$20
- MARIJUANA HORTICULTURE, *Indoor/Outdoor Bible*, J. Cervantes, 512 pgs...\$30
- MARIJUANA GROW BASICS, *Basic Growers Guide*, J. Cervantes, 251 pgs...\$22
- MARIJUANA GARDEN SAVER, *Handbook 4 Healthy Plants*, Stitch, 150 pgs...\$18
- THE EMPEROR WEARS NO CLOTHES, "Hemp Bible", Jack Herer , 292 pg...\$30
- CANNABIS ALCHEMY, *Modern Hashmaking*, D. Gold, 109 pgs...\$16
- ASK ED: MARIJUANA GOLD, *Trash to Stach*, Ed Rosenthal, 112 pgs...\$17
- BUDS FOR LESS, *Grow 8 oz. of Bud For Less than \$100*, SeeMore, 77 pgs...\$19
- INVISIBLE MARIJUANA, *Hide your Garden*, Robert Bunch, 204 pgs...\$17
- SEA OF GREEN BOOK, *The Perpetual Harvest*, Hans, 89 pgs...\$35
- CANNABIS CULTIVATOR, *A Step-by-Step Guide*, Jeff Ditchfield, 168 pgs...\$15
- MARIJUANA HOME GROWER'S MANUAL, *Guide*, Billy McCann, 337 pgs...\$20
- CANNABIS CULTIVATION 2, *Complete Grower's Guide*, M. Thomas, 247 pgs...\$17
- ORGANIC MARIJUANA SOMA STYLE, *Chemical Free!*, Soma, 128 pgs...\$19
- THE GOOD BUD GUIDE, *The Worlds Best Marijuana Strains*, Albie, 208 pgs...\$20
- THE BIG BOOK OF BUDS, *Full Color*, 240 pgs...\$23 _BBB 2...\$23 _BBB 3...\$23
- MARIJUANA GROWER'S GUIDE, *Color Edition*, Mel Frank, 330 pgs...\$20
- MARIJUANA GROWER'S INSIDER'S GUIDE, *Indoors*, Mel Frank, 360 pgs...\$20
- THE CLOSET CULTIVATOR, *Expanded Edition*, Ed Rosenthal, 128 pgs...\$17
- MARIJUANA BOTANY, *Breeding Cannabis*, Robert Connell Clarke, 197 pgs...\$25
- MARIJUANA HYDROPONICS, *High-Tech Culture*, Daniel Storm, 117 pgs...\$18
- CULTIVATING EXCEPTIONAL CANNABIS, *Expert Breeder*, DJ Stort, 102 pgs...\$17
- MARIJUANA LAW, *How to Avoid Busts*, Richard Glen Boire, 271 pgs...\$18
- MARIJUANA CHEMISTRY, *Hashmaking & Oil*, Michael Starks, 199 pgs...\$25
- LAUGHING GAS, *Nitrous Oxide*, Michael Shedlin, 182 pgs...\$19
- HASHISH, *The Joy of Making And Curing*, Cherniak & Dronkers, 64 pgs...\$25
- THE ANARCHIST COOKBOOK, *Uncensored Ed.*, William Powell, 160 pgs...\$35
- ADVANCED TEC. OF AMPHETAMINE MANUFACTURE, Fester, 189 pgs...\$32
- HYDROPONIC HEROIN, *Grow Opium Poppies*, Robert Neil Bunch, 94 pgs...\$39
- THC & TROPACOCAINE, *THC From Olive Oil*, Otto Snow, 182 pgs...\$31
- PRACTICAL LSD MANUFACTURE, *Third Edition*, Uncle Fester, 140 pgs...\$25
- TOTAL SYNTHESIS II, *Ecstasy & More!*, Strike, 291 pgs...\$38
- PSYCHEDELIC SHAMANISM, *Psychotropic Plants*, Jim DeKorne, 155 pgs...\$35
- LOVE DRUGS, *How To Make MDMA From Scratch*, Otto Snow, 242 pgs...\$36
- LSD, *Medicinal Use, Preparation & Much More!*, Otto Snow, 242 pgs...\$36
- PSILOCYBIN MUSHROOM HANDBOOK, *Easy Cultivation*, Igane, 208 pgs...\$22
- THE MUSHROOM CULTIVATOR, *Complete Guide*, Paul Stamets, 415 pgs...\$39
- FS CATALOG, *300 Titles With Pictures, Descriptions & Prices*, 52 pgs...\$3

Get **ONE** of the books below **FREE** with your \$60 order!

- HYDROPONIC HOT HOUSE, *Low Cost, High-Yield*, James DeKorne, 178 pgs...\$18
- GROWING WILD MUSHROOMS, *Classic Easy Guide*, Bob Harris, 94 pgs...\$15
- GARDENING INDOORS WITH H.I.D.'S, *All about Lighting*, VPP, 168 pgs...\$15
- GROWING EXTRAORDINARY MARIJUANA, *Enhance Quality*, A.G., 168 pgs...\$15
- LITTLE BOOK OF KETAMINE, *Special "K"*, Kit Kelly, 96 pgs...\$15
- THEY'RE WATCHING YOU!, *The Age of Surveillance*, Lesce, 136 pgs...\$16
- 21TH CENTURY FRAUD, *How To Protect Yourself*, Lesce, 160 pgs...\$16
- POISON PEN LETTERS, *Revenge Through The Mail*, Keith Wade, 103 pgs...\$15
- SEX, DRUGS & THE TWINKIE MURDERS, *Limited Supplies!*, P.K., 168 pgs...\$20
- THE MARIJUANA CHEF COOKBOOK, *Recipes and More*, S.T. Oner, 172 pgs...\$15
- MARIJUANA OUTDOOR GROWER'S GUIDE, *Easy*, S.T. Oner, 168 pgs...\$15
- PSYCHEDELIC CHEMISTRY, *Lab "Cookbook"*, Michael Smith, 200 pgs...\$32
- CLANDESTINE LABORATORIES, *Second Edition*, Jack B. Nimble, 124 pgs...\$27
- OPIUM FOR THE MASSES, *Cultivation & Harvest*, Jim Hogshire, 112 pgs...\$35

www.fsbookco.com

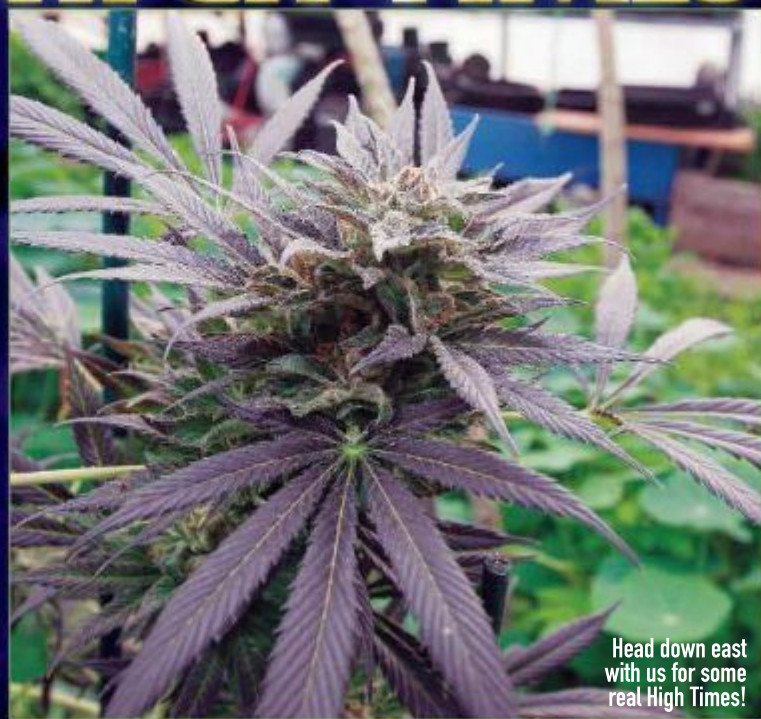
Free Shipping in the USA only, allow 2-3 weeks for delivery, for Air Mail add \$4 per item, and allow 3-5 days for delivery. Canada add \$8, Europe add \$12, Pacific Rim add \$18, per item, for Global Air Mail.

BOOKS ARE SHIPPED IN A PLAIN PACKAGE ALL ORDERS ARE CONFIDENTIAL!
Books are sold to adults only for educational purposes in accordance with The First Amendment of the Constitution. CA Res. Add 8.75% Tax. Checks, Money Orders, Visa, MC, AMX, Discover & Debit Cards Accepted.

ADD A \$3 PRO. FEE ON CREDIT CARD ORDERS.
24 HR. CC ORDERS 1-916-577-1226 FOREIGN 1-916-771-4204

QUESTIONS CREDIT CARD ORDERS
1-916-771-4203 1-800-635-8883

NEXT MONTH IN HIGH TIMES



Head down east with us for some real High Times!

BRIAN JAHN

SUPER STRAINS OF MAINE

Check out the top pot in the northeast corner of the US. Senior Cultivation Editor Danny Danko and star pot-ographer Brian Jahn travel up the rocky Atlantic coastline to check out the flourishing marijuana farms of Maine.

GROW THE HEALTHIEST GANJA

Cannabis should be grown free of biological or chemical contamination. Thanks to the standards of their profession, combined with the experience of direct patient care, nurses are in an ideal position to teach people how to grow, preserve and use cannabis safely. Learn the basics!

ROLLING WITH SNOOP

Why get your lessons on how to roll a blunt from anyone less experienced than Snoop Dogg? Our exclusive step-by-step photo spread breaks down the basics of this art form with a true legend!

PHI BETA CROPPA

College towns are often known for their local breweries, but the times, they are a-changin'. These days, there's a healthy demand for great bud wherever young adults congregate, and growing in a college town offers unique opportunities for entrepreneurs.

LEWIS BLACK ATTACK

When Lewis Black lets loose on politics, education, entertainment or what's considered "moral" in America, we share his outrage. We laugh, but at the same time we realize that something is terribly wrong. It's called "black humor" ... find out how it works, when Executive Editor Dan Skye checks in with the talented comic.

ACTIVISM ON CAMPUS: TOP 20 COLLEGES

Marijuana legalization has never seemed so close, especially if you live in California. As the nation's largest state prepares to vote on "tax and regulate" in November, we proudly present our annual list of the top colleges and universities for cannabis activism, compiled by our good friends at Students for Sensible Drug Policy.

ON SALE 8/17/10-DON'T MISS IT!

CANNEX

MEDICAL MARIJUANA LOCATOR

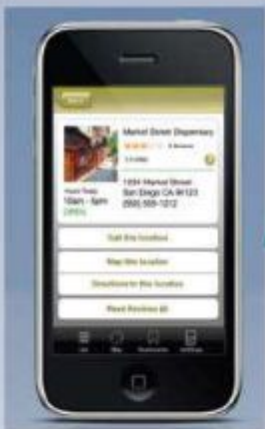
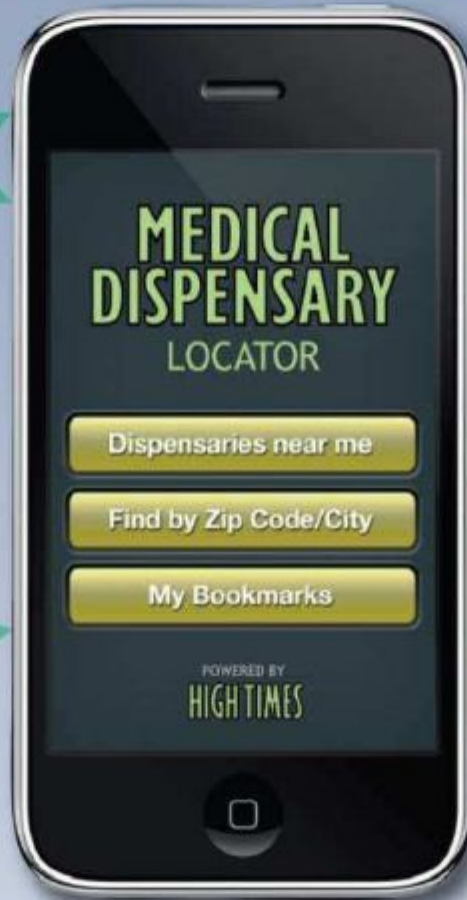
POWERED BY HIGHTIMES



LOCATE DISPENSARIES



READ REVIEWS



COMPARE PRICES



SEARCH FOR STRAINS

A truly revolutionary iPhone app designed to serve the needs of medical marijuana patients. You can use this tool to locate the highest-quality, most affordable medical cannabis.

AVAILABLE NOW
FOR MORE INFORMATION OR TO SEE A VIDEO DEMO,
GO TO HIGHTIMES.COM/APP

HEADSHOP.HIGHTIMES.COM

STONER GEAR: SHIRTS, HOODIES, HATS & BAGS

ORDER ONLINE AT HEADSHOP.HIGHTIMES.COM AND CHECK OUT OUR FULL PRODUCT LINE, OR CALL 1-866-POT-SHOP TODAY TO GET GREAT GEAR!



NEW!

LIMITED EDITION CANNABIS CUP APPAREL

OFFICIAL HIGH TIMES 22ND CANNABIS CUP

Collectors Items! Only limited amounts available.

HOODIE

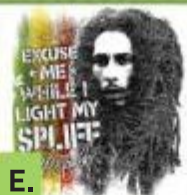
A. Sizes M—XL. Color: Black \$39.99

T-SHIRT

B. Sizes M—XXL. Color: White \$19.99

HAT C. Produced by Grassroots. Awesome design with pot leaf print on inside, plus a stash pocket! \$30.00

NEW!



E.



F.



G.



H.



I.



J.



K.



L.

STONER ICON T-SHIRTS & MORE!

E—L. Choose from a wide variety of shirts, hats and bags: Bob Marley, Willie Nelson, plus, your favorite stoner movies. Shirts available in men's and women's sizes. Check out headshop.hightimes.com for a complete listing of colors, sizes, styles and prices.

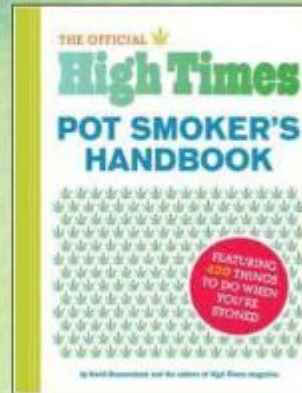
BONGHITTER JERSEY

N. Show your pride by sporting the same shirts worn by the legendary High Times Bonghitters Softball team. Sizes: M, L & XL. \$19.95

OFFICIAL HIGH TIMES 35TH ANNIVERSARY T-SHIRT

O. Collectors Item! Only a limited amount available. Sizes S—XXL. Color: Black \$18.99

NEW RELEASES



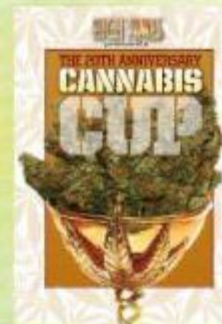
OFFICIAL HIGH TIMES POT SMOKER'S HANDBOOK

Since 1974, High Times magazine has covered marijuana in all its aspects and wonders, from cultivation to legalization to the herb's enduring (and exalted) place in popular culture. Packed with inside information, *The Official High Times Pot Smoker's Handbook* rolls up all of this collected wisdom into one indispensable ganja guide. With a life-changing list of 420 things to do when you're stoned, this is truly, finally, the ultimate guide to green living. \$19.95



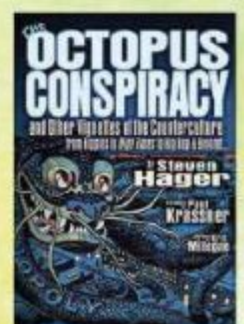
HIGH TIMES' GREATEST HITS DVD

Over two hours of our greatest stoner hits including comedy, interviews with Tommy Chong, Snoop Dogg, Dave Chappelle plus tons of ganja smoking! Includes "How to Roll a Joint" and "How to Beat a Drug Test." \$12.99



20TH ANNIVERSARY CANNABIS CUP DVD

DVD is loaded with over 60 minutes of performances, interviews, and non-stop smoking of the biggest and best buds in the world. Relive the magic or see what you missed—this DVD is a must have for any stoner. \$16.99



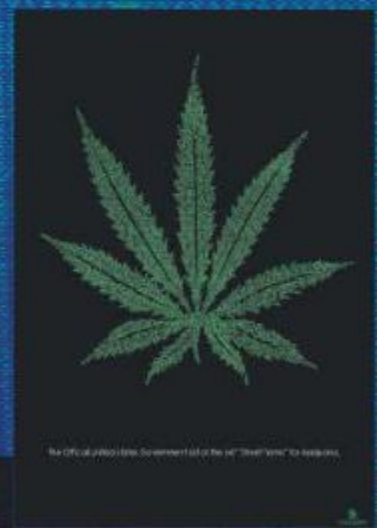
OCTOPUS CONSPIRACY

The Octopus Conspiracy and Other Vignettes of the Counterculture from Hippies to Hip Hop & Beyond. Written by Cannabis Cup founder and editor at HIGH TIMES for almost 20 years, Steven Hager. This book takes you deep into the fomenting cultural waves that few get to experience personally. \$19.95

POSTERS

POT LEAF POSTER

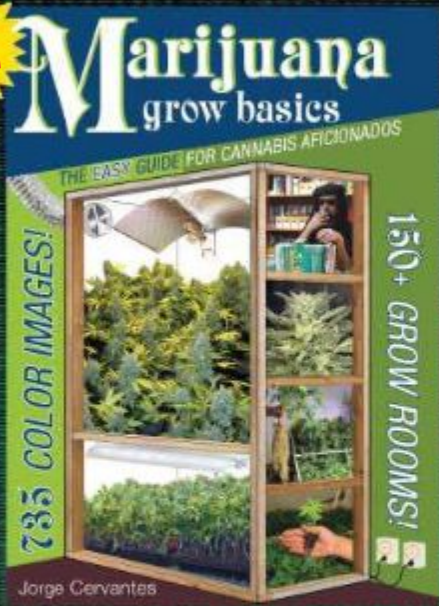
So you think you have heard every name out there for marijuana? Some are funny, some are creative and some are just out there—but what people don't know is that the United States government keeps an official list of all these names. We are proud to offer "The Marijuana Leaf," created using the official United States government list of the 647 "street terms" for marijuana. 24" x 30" poster. \$13.99



GREAT GIFTS FOR GROWERS!

CULTIVATION BOOKS & DVDS @ HEADSHOP.HIGHTIMES.COM

NEW

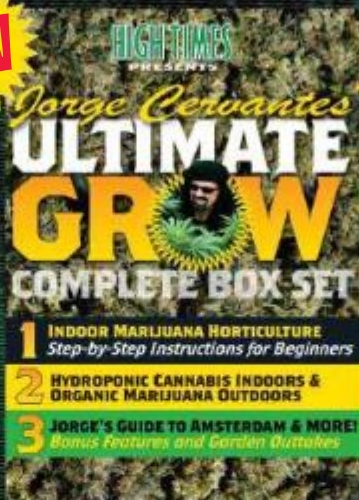


MARIJUANA GROW BASICS: The Easy Guide for Cannabis Aficionados New book by Jorge Cervantes. This practical, informative guide is packed with more than 700 full-color illustrations and photos that detail more than 150 affordable marijuana grow setups. Become an expert on grow room and internet security, feminized seeds, seedlings, cloning, mother plants, singling out male and

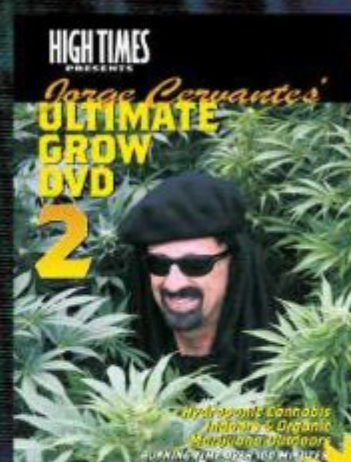
female plants early, peak sinsemilla harvest, as well as manicuring, drying and curing your crop for highest potency.

Design and set up your grow room with supplies from your local hardware store and garden center. Plus troubleshoot problems and control common pests & diseases! **\$21.95**

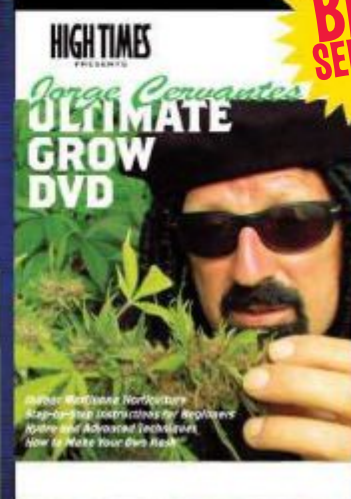
NEW



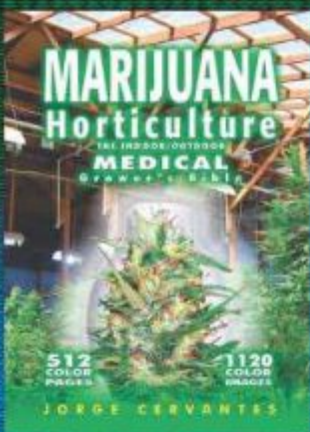
ULTIMATE GROW COMPLETE BOX SET Three-disc DVD box set includes *Ultimate Grow: Indoor Marijuana Horticulture*, and *Ultimate Grow 2: Hydroponic Cannabis Indoors & Organic Marijuana Outdoors*, PLUS a full disc of never-before-seen bonus features! Extras include *Jorge's Guide to Amsterdam*, helpful hints for your plants, and more garden tours! **\$49.95**



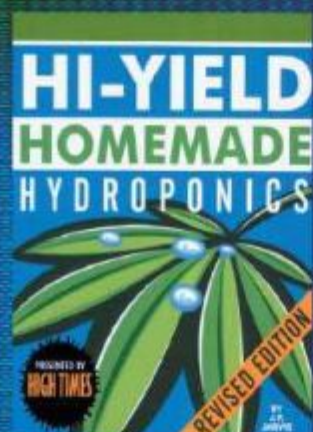
BEST SELLERS!



ULTIMATE GROW DVD 2: *Hydroponic Cannabis Indoors & Organic Marijuana Outdoors* You'll grow indoors, outdoors, hydroponically—and even plant a guerrilla garden hidden deep in the countryside. **\$19.99**
ULTIMATE GROW DVD 1: *Indoor Marijuana Horticulture* Jorge Cervantes, the world's ultimate ganja guide, brings his expertise to this instructional DVD—taking you step-by-step from seeds and clones to harvest in the high style. **\$19.99**



MARIJUANA HORTICULTURE: The Indoor/Outdoor Medical Grower's Guide Jorge Cervantes' best-selling book! **\$29.95**



HI-YIELD HOMEMADE HYDROPONICS Our best-selling grow book, now updated with organic-hydro how-to information. **\$9.99**



READY, SET, GROW The ONLY video you need to grow great weed. **\$19.95 DVD**



READY, SET, GROW 2 Growing instruction from the masters. Bonus: Hashmaking & security tips. **\$19.95 DVD**

Buy both and save! Ready, Set, Grow 1 & 2 for **\$34.95**

BEST OF HIGHTIMES' GROW GUIDES AVAILABLE NOW!



NEW

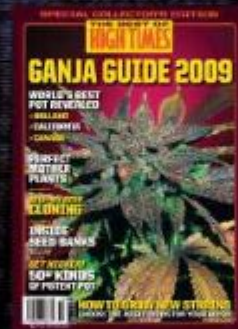
Best of HT #56: Grow Guide 2010 Growrooms 101: how to set up a new grow-op anywhere! Gear reviews, security secrets, and step-by-step instruction from seeds to smoke. **\$6.99**



Best of HT #55: Global Grow 2010 Exotic grow-ops around the world: Greenhouses, indoors, outdoors and more! Get stoned in Hawaii, Mexico, Iraq, Africa or even Cuba! **\$6.99**



Best of HT #54: Grow Guide 2009 Tip and tricks to perfect your grow-op: airflow, cooling, soil mix, easy cloning, odor control, and learn how to grow a pound every 3 weeks! **\$6.99**



Best of HT #53: Ganja Guide 2009 Best strains, how to clone, perfect mother plants, exotic pot from Amsterdam, Cali and Canada, plus breeder's secrets. **\$6.99**



Best of HT #52: Gear Guide 2009 Hydroponics for beginners, D-I-Y projects, gear reviews, vaporizers, money-saving tips & more! **\$6.99**



Best of HT #51: Master Grower's Guide 2009 Aeroponics, lighting & LED guide, organics, breeding, making bubble hash & tinctures, urban grow secrets & more! **\$6.99**

PERSONALS

HOT 25c SEX ACTION

1-800-970-6669

PINK CHERRY CAMS

GRAND OPENING MAY 1, 2010
STARRING BUSTY PORNSTAR "SUMMER SINN" & HER SEXY FRIENDS!
"LIVE" ON WEBCAMS 24/7
WWW.PINKCHERRYCAMS.COM

I LOVE TO CHAT!

TEXT ME NOW!

\$0.99 or \$1.99/msg rcvd
\$19.99/month Sprint/Nextel
\$6.99/month Boost

TEXT THE WORD **CUTE** TO **24286**

HOOK UP WITH SEXY LADIES NOW!

Meet Sexy Singles on Your Cellphone!

just text the word **HOTTIE** to **24242**

Let's Hook-up Right Now!

Text Messages are 99¢ per msg, sent on AT&T, Verizon/Wireless, Virgin Mobile, US Cellular, Boost Mobile, Alltel, and T-Mobile. Text & phone numbers are subject to change without notice. ©2010. All rights reserved. For more information, visit www.24242.com. Text STOP to 24242 to opt out of future text messages. For HELP or to report abuse, text HELP to 24242.

PERSONALS

BIGGEST XXX CHATLINE

NEW 100% of FANTASIES!

GIRLS GUYS, FREEBIES
1 on 1 LIVE!
2 on 1 LIVE!
BROWSE FREE!

1-888-535-3757

HOT CHEAP SEX TALK

Only **69c PER MIN.**

1-800-443-5678
1-900-329-5600

REAL LOCAL GIRLS!

Wanna Get Naughty With You Right Now!!!

Try It FREE!

1-800-870-9333

NASTY GIRLS

HARDCORE LIVE 1-ON-1

1-800-572-8999

99c

1-900-267-2555

HOT SEX ACTION!

NO CONNECT FEE!

25c

1-800-970-6669
1-900-446-2999

EAVESDROP LINE

Secretly listen in on LIVE, uncensored phone sex calls!

99c MIN 18+

1-800-655-5533

PERSONALS

NASTY GIRLS!

No Connect Fee

HARDCORE LIVE 1-ON-1

1-800-572-8999

HORNY LOCAL GIRLS!

OVER 10,000 REAL LOCAL GIRLS CALL DAILY!

TRY IT FREE!

1-800-953-WEED
1-900-226-9966

FREE HOT TALK

1-712-338-7771

ADULTS ONLY REG ID TOLL ONLY

HOT FREE PARTYLINE!

Connect with Real People NOW for Wild live connections!

1-206-203-7733

18+ LD rates may apply

TOTALLY FREE TALK!

Talk with HOT SINGLES in your area TONIGHT!

LIVE 1-ON-1 CHAT - GROUP CHAT THOUSANDS CALL DAILY!

1-270-250-6000

18+ LD rates may apply. www.TotallyFreeTalk.com

FREE PARTY LINE

1-775-533-3323

NEVER ANY CHARGE ONLY A REGULAR CALL TO NEVADA

PERSONALS

DIAL-A-BABE
1-800-448-7588 (SLUT)
99c/MIN. 18+

NEUROTICA, FANTASY, FETISH.
No Limits. Provocative talk with imaginative uninhibited beauty. 18+ 866-464-8487

LOCAL GALS' SEXDATE
1-888-699-2468; 1-509-252-1629 (\$1.14 pm+, phonebill). 18+.

LIVE PHONE SEX - 1-900-537-4000
No CC Needed. Connect Instantly.

UNLEASH YOUR DESIRES!
Meet local men/women/couples!
www.DesiredConnections.com
10,000+ ADULT MOVIES!
No Memberships! No Monthly Fees!
Watch online NOW! www.AdultFlixNow.com

FREE CATALOG!
Uncensored Adult DVDs, videos, magazines!
FPHT, Box 191H, Montreal, Canada H3G2K7 (18+)

FREE TOYS ADULT SHOP
DVD's, Live Chat, Top Rated CASINO /SPORTSBOOK! www.PornDetour.com

ADULT MOVIES ONLINE
LINGERIE, TOYS AND DVDS OF EVERY DESCRIPTION. WWW.BUSTYXXX.ORG

TRAVEL

ROAD TRIP
We're looking for 18-25 adventurous adults to work / travel entire US. We offer 4 weeks paid training. Cash plus bonuses daily. No experience necessary. If you are enthusiastic and free to travel Call 1-800-949-1038.

GROW AIDS

DUTCH SEEDS
IN ORIGINAL SEALED PACKAGING AT 25% OVER AMSTERDAM RETAIL
SHIPPED ANYWHERE
CONVENIENTLY AT HOME
P.O. BOX 72036
1562 DANFORTH AVENUE
TORONTO, ONTARIO
CANADA M4J 1N4

**GOT FEMINIZED SEEDS?
WANT FEMINIZED SEEDS?
(WWW.HERM-IT.COM)**

MERCHANDISE



ENTHEOGEN®
HERBAL PSYCHOTROPIC BLEND
"CREATES GOD WITHIN"
A MIND-OPENING AND
VISIONARY HERBAL HIGH.
100% LEGAL IN ALL FIFTY STATES.
18 OR OLDER.
WWW.NATURESSOLUTIONS.ORG

www.RealKava.com
4:30 Kava Time

PHANTOM VIDEO
UNCUT Horror, Sleaze, cult & exploitation imports. 100s of rare, infamous & bizarre films on VHS/DVD. Psychedelic, S&M, B&D, fetish & fantasy films. Send \$4.00 for updated catalog to: PHANTOM VIDEO P.O. Box 7301, Dept. S Jupiter, FL 33468

Ez Flow HYDRO.com
Wholesale Available
LED Systems
Rockwool
Clay pellets
Air pump
Kits start @ \$104.20
248.442.9162

SUPPLIES ANYTIME!
EXTRACTION: (Bags, Washers, Tumblers, Screens). GROW SUPPLIES: (Lights, Hydroponics, Misc.). VAPORIZERS: (Less Smoke, More Toke). Anytime (503) 440-6182.
www.indooroutdoorgardens.com

HPP
we ship worldwide
www.halfpricepipes.com
We sell high quality glass smoking pipes for half of what retail is.

MERCHANDISE

STARTING YOUR OWN MEDICAL MARIJUANA DELIVERY SERVICE:
THE MOBILE CAREGIVERS HANDBOOK
by Robert F. Collins
www.marijuanadeliverybook.com

ICE-O-LATOR & POLLINATOR
For the original sieve systems
Used by HT cup winners
Pollinator Company www.pollinator.nl

MERCHANDISE

WWW.ANTILOOTER.COM
Protect your property with our non-lethal OC Pepper Gas Security Devices.

GONE HALLUCINOGEN FREEWAY
BY CRAIG MOORE. POETIC, VISIONARY, PSYCHEDELIC STONER NOVEL. HILARIOUS! WILD! REBEL-IOUS! AMAZON.COM

WWW.LANDSCAPEVITAMINS.COM
Best Stuff You'll Ever Use. 888-431-6591

PUREORGANICHONEYOILBIBLE.COM
Connoisseur honey oil secrets revealed. Send \$10 mo. to Great Grandpappy Abrams, 3883 Bennett Rd., Suite 5, Cincinnati, Ohio 45245

WWW.THE420SHOPS.COM
BEST PRICES ANYWHERE. Great selection of 1/0 pipes, water pipes, digital scales, bubblers & accessories.

JUNGMAVEN.COM
100% Hemp * Made in USA * T-Shirts

GOT LIGHTERS?
Custom Imprinted Lighters & More!
LogoLighters.com/promo. 800-828-6020

EXPERIENCE SALVIA
A variety of brands and potent extracts. We also carry herbal incense blends Spirit and Puff. Low Prices. Call 219-588-4204.

OILS-NAG CHAMPA-PATCHOULI
Handmade Camo, Apples, Rasta Hats
Urbancrowns.com

AIR PURIFIERS
ELIMINATE MOLD & ODORS. Generates CO2.
3 DAY FREE TRIAL 808-965-1757

LOOK! PASS DRUG TESTS
Guaranteed method to pass any drug test, simple and easy. For information send \$3.00 cash, check, or moneyorder to Moon Enterprises, P.O. Box 235, Bristol IN, 46507. Please allow 2-3 weeks for delivery.

DRUGTESTINGSECRETS.COM
Learn How You Can Pass Any Drug Test.

METAL TOBACCO PIPES
Assorted designs. Send SASE to Behind The Lite, 7304 Carroll Avenue #124, Takoma Park, MD 20912

MERCHANDISE

HERBALSMOKESHOP.COM
100% Legal Bud. Mood enhancement pills and aphrodisiacs. Flavored papers, Blunt wraps, huge online smoke shop.

GLASS PIPES
Great selection of 1/0 Pyrex pieces at unbelievable prices. Send \$1.00 for your catalog today! To No Illusions P.O box 41386 Mesa, AZ 85274

DAVID SPERO PELIGRO'S
Trippy Psychedelic, Komed, Punkrok, Experimental, Dub, Noise, Weedbeat, Poetry, Weirdness, Prankster Soundz Music specially engineered to enhance your HIGHTened experience. Drop by my website for a sample www.davidsperopeligro.com

GROW AIDS

CANNABISWORMTEA.COM
Grow monster plants organically. Indoor garden Winter Sale!

GROWROOM SUPPLIES SHIPPED FREE
www.shop.hydroponicsandmore.com

EXPERIENCED INDOOR HORTICULTURIST
For Sale ultimate luxury growing area. Newly remodeled 3 bed 2 bath home on 1/3 acre irrigated, lush landscape. With 800 sq ft heated air-conditioned workshop. Secure entrance, gated. Previous production shop. 9'x8'x25' hidden safe room with bank vault door. Fire and theft proof. Phoenix, AZ

MUSHROOMS
Dried amanita muscaria. shipping worldwide. free catalog. email jokerofdecay@aol.com

MAGIC MUSHROOM SPORES
Psilocybes, "POTENT" Cubensis ("POTENT" in caps) Azurescens, Tasmanian, "ACTIVE" Hawaiian Woodrose Seeds. Catalog \$3.00 Pacific Exotic Spora, P.O. Box 705, HI Lee's Summit, Mo. 64063

GROW 10 POUNDS OF MUSHROOMS EVERY MONTH
Complete setups, kits, miniature growhouses, exotic growing supplies. Free catalog. Call anytime. (847) 419-1587. Magic, Box 39K, Prospect Heights, IL 60070-0039. See us at mushroommagic.com.

HYDROPONICS
Complete 9 Plant system \$190.00. Adjustable size from closet to filling bedroom. (817) 573-5220. www.turbafarms.com

EXOTIC CANNABIS SEEDS
Secure Worldwide Delivery - Over 400 STRAINS
WWW.SEEDSXS.COM

REAL ESTATE

THREE "215" PROPERTIES
(2) 1.5 hrs North LA, (1) 42 acres No. CA. Details: nicksal215@gmail.com. Can finance. (661) 765-2603.

260 ACRE CATTLE RANCH
1/2 in La County and 1/2 in Ventura County. Two houses, shop, water and electric. For more info call (661) 251-4200 or visit www.primountainranch.com

REAL ESTATE

MOUNTAIN-TOP FORTRESS
Defensible, 56 acres, helipad, \$590,000. <http://209.221.136.134/>, call 206-365-3235.

ISOLATED FARM
1.5 ac, trees, 4-br house, aviary steel building, 20'x13', large pool enclosed, 10' encl. chicken coop. Business opportunity. \$165,000. 239-543-2389. SWFla.

BUSINESS OPPORTUNITY!
2.5 ACRE WORKING HYDROPONIC VEGGIE FARM WITH 50,000 SQ. FT. OF GREENHOUSES, PACKING HOUSE & EQUIPMENT. TWO STORY HOUSE WITH 4 BEDROOMS, 2 BATHS.

CALIFORNIA LAND 4 SALE SIERRA FOOTHILLS
4/20 acre parcels near I-80 w/wells private Starting 300k each. Owner financed (530) 389-2345.

NEVADA PRIVATE 4.77 ACRES 3 BEDROOM HOME
New Quonset Hut 30'x40'. Concealed Underground Growroom. All Equipment Needed. Close to Reno. 775-315-7431

RAINBOW FARMS
Property for Sale. 10 SECLUDED acres w/house. Vandalia, MI. First \$150,000. Pam 239-849-2328

COLORADO 5ac. \$29,000
Must sell! very private, off grid. Minutes to air field, lake, town. Spectacular mnt, views. 808-652 2159.

FINANCIAL

DIPLOMA FROM HOME
6-8 Weeks Accredited. Low Cost. FREE Brochure. Call 1-800-264-8330. WWW.DIPLOMAFROMHOME.COM

WWW.MARIJUANAMISC.COM
for sale \$5,000 through Escrow.com. Date@Brokersofinsurance.com

MAKE \$20,000+ PER MONTH
Ground floor opportunity. Distribute revolutionary new High Potent HERB Pills to Head Shops, Music, Body Piercing, Tattoo, Adult stores, etc. Areas going fast. \$1,000 minimum investment. www.theherbconnect.com

EASY WORK! EXCELLENT PAY!
Assemble Products From Home. For Free Information Send SASE: Home Assembly-HT, Box 450, New Britain, CT 06050-0450

DO YOU HAVE OLD DEBTS?
Never Pay Back The Full Amount!!!
1-800-808-5205 www.globaldebtinc.com

BAD CREDIT?
With this secret you'll laugh at your bad credit! Free recorded message: 1-801-323-7800 (x213). www.Credit-Secrets-Bible.com

CREDIT PROBLEMS?
24-hr recorded message. Call 248-262-6818 Ad#155

GRANT MONEY!
From Many Sources. Personal Needs, Education, Business. SASE: Grants-HT Box 458 New Britain CT 06050 - 0548



AMNESTY FOR ALL WEED POWS

The POTATO



Pot40@hightimes.com

1 **Yvonne** you are my 420 girl! will you be my 420 wife? Sohn

2 **BONG TV** bongtvlive.com

3 **SUPERWEED** myspace/knowfelons Virus of a new age!

4 **Mighty High** mightyhigh.net

5 **CRIPPLERS** GO-ED

6 **MUSCIEWEEK** musciweek.com

7 **STEM** Stoner Rappey No.1 Again... SCRAPED FROM THE PIPE IS DOPE uhsrecords.com

8 **A Bong Fall** Is the way to go

9 **BRAIND**

10 **STONER FOREVER FOREVER STONED**

11 **JACK HERER**

12 **UNITED STATES DEATHS ANNUALLY:**
TOBACCO 400,000
ALCOHOL 100,000
ALL ILLEGAL DRUGS 20,000
CAFFEINE 2000
ASPIRIN 500
MARIJUANA 0

13 **Doin' Bows on the Bow!**

14 **I Love you Cindy**

15 **THE MIGHTY HIGH BAND** A JERRY GARCIA TRIBUTE BAND FROM COLORADO www.mightyhighband.com

16 **SMOKE WHAT'S NORMAL** BARKERSVILLE CA

17 **Need will get you through times without money better than money will get you through times with no weed.**

18 **KISS and HIGH TIMES 35 yrs!**

19 **8:40** twice as good as 4:20

20 **Tax and Regulate**

21 **Retired GREYHOUNDS** KEEP MY PROPERTY A ZOMBIE FREE ZONE

22 **Get Chur Mind Right 4.20**

23 **VOTE RON PAUL 2012**

24 **Not Bad Cannabis**

25 **GRAY HAZE** Lucky the Day

26 **PRAY TO GOD TO LEGALIZE IT!!**

27 **HELP! I'M BEING HELD HOSTAGE BY U.S. MARIJUANA LAWS**

28 **Puff, Puff, Give... Request!**

29 **Smex** A DEDICATED ACTIVIST

30 **ROB VAN DAM** TNA WORLD CHAMPION The Hippie Freak From Southern California!

31 **east tennessee SKUNK BUDS** You have to keep 'em in a jar!!

32 **+ DARE TO C.A.R.E! REMEMBER- AND VOTE!**

33 **VIO LIV** The violet glass that makes every thing better! SEEDS- HERBS- CURING- STORING www.violiv.com

34 **TREEZY 4 SHIZZY**

35 **Herbal Santa** West Palm Beach

36 **Just Party For**

37 **SWINGERS** WHO ARE 420-FRISKY? WHAT BETTER WAY TO GET TO KNOW PEOPLE?

38 **Lady Scorpion**

39 **Herb Vapor** .COM

40 **PEOPLE LAUGH AT ME BECAUSE I'M DIFFERENT FROM THEM... I LAUGH AT PEOPLE BECAUSE THEY'RE ALL THE SAME!**



BALLOT

BALLOT

BALLOT

GOT SOMETHING YOU WANNA SAY? WANNA SAY IT ON THE POT 40?

FILL OUT THE COUPONS and MAIL 'EM IN!

HIGH TIMES

P40-16TH F.
419 Park Ave South
New York City 10016

...and for more fun than the law allows: www.hightimes.com

23RD HIGH TIMES

**PASSES ON
SALE NOW!**

CANNABIS CUP AMSTERDAM

NOVEMBER 21-25, 2010
**JUDGE THE WORLD'S BEST
CANNABIS!**

**JOIN HIGH TIMES IN
AMSTERDAM
FOR THE PARTY OF
A LIFETIME!**

**THIS YEAR'S THEME IS
FIRST GENERATION.
HIP·HOP**



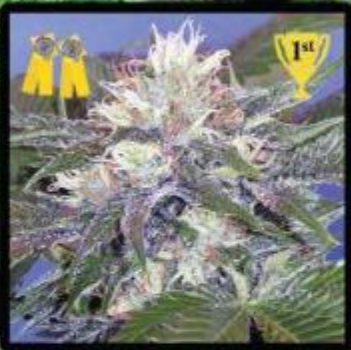
**CHECK CANNABISCUP.COM FOR UPDATES
AND TRAVEL PACKAGES!**

VancouverSeed.Com

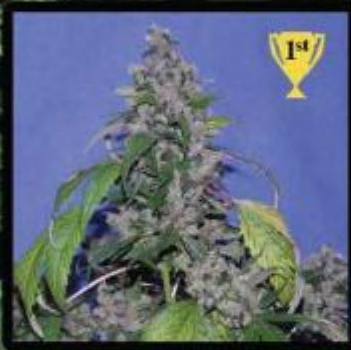
World Class Genetics
Award Winning Breeds

mail order seeds @ www.vancouverseed.com

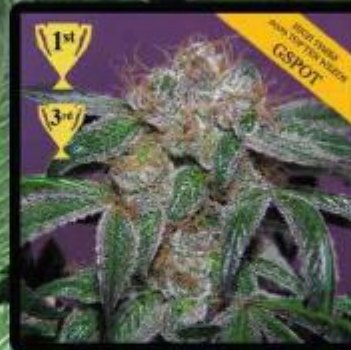
VISC



420



Lady Liberty



GSPOT



Burmese



Blackberry



Gold



Fucking Incredible



Mother



British Columbian



Kat



Vancouver Island Seed Company

10 Seeds	Per Pack
420	\$60
1.3G	\$80
B-Bud	\$75
Beaster	\$100
Bitch	\$65
Black Velvet	\$75
Blackberry	\$85
BlackBurmese	\$90
British Columbian	\$75
Bud Lite	\$62
Burmese	\$85
Burmaberry	\$85
Bush Bud	\$62
Canadian	\$80

FUCKING INCREDIBLE: High Times Top 10 Strains 2008

Che	\$75
Copperhead	\$75
Dubble Bubble	\$75
Eve	\$75
Fucking Incredible	\$140
Gold	\$75
GSPOT	\$105
Indigo	\$80
Jinn	\$85
Kat	\$85
KGB	\$62
Midnight	\$75
Mystic	\$85
Nuclear	\$85
Olympic	\$62
Passionfruit	\$85
Ripper	\$85
Rx	\$75
Sin	\$75

The Legend of the BURMESE See High Times January 2009

Sweet	\$75
The Producer	\$100
THC	\$75
Titanium	\$75
Vertigo	\$75
Virgin	\$62
WMD	\$70
WOWWeed	\$100
VISC Mix	\$50



10 Seeds	Per Pack
Mother	\$70
Stealth	\$75
Lady Liberty	\$85
Infinity	\$65
Justice	\$70

GSPOT High Times Top 10 Strains of 2009

Read about VISC's Induction into The Seed Bank HALL OF FAME in the August 2009 issue of High Times

Complete this form, or on a separate paper, include the product name, quantity, item price and order total. Send along with payment in the form of CASH or BLANK Money Order to:

V.M.H.

#91 #60-1100 Princess Royal Ave.
Nanaimo, BC Canada
V9S 5R5

Include \$7.00 Shipping & Handling - (Add \$15 for Rush Orders)
We ship World Wide Discreetly!

Product Name	Quantity	Subtotal	Total

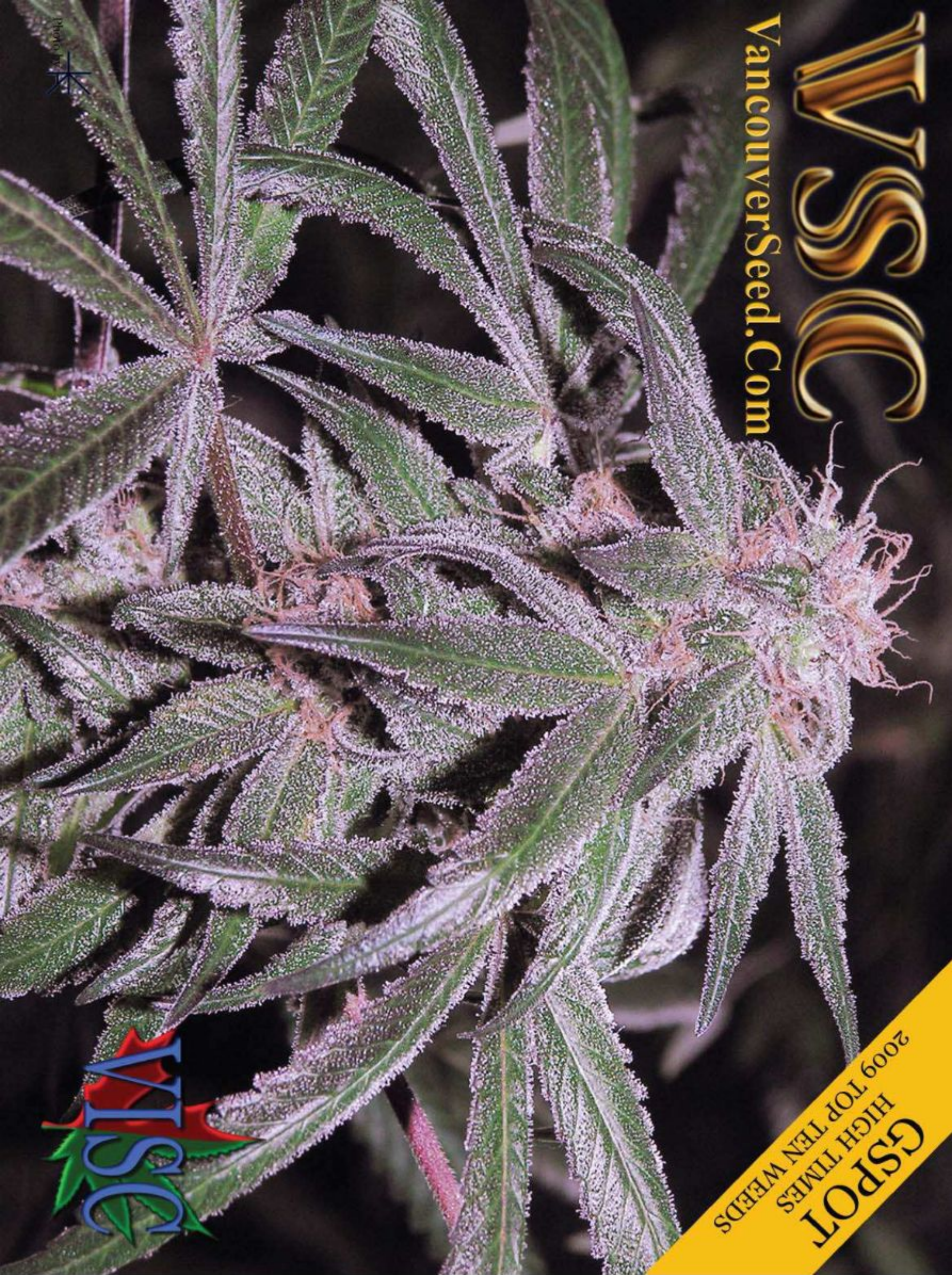
Name _____ Subtotal _____
 Address _____ Rush _____
 City _____ Province _____ S&H \$ 7.00
 Postal _____ Country _____ TOTAL _____
 Include \$10 for Photo Catalogue CD.

Pot-pourri Special
VISC Mix with each Order
That's TEN Free Seeds!

Acquisition of live cannabis seeds is illegal in the United States. Cannabis growers and consumers are one of the largest unrepresented blocks of voters in the world. This can change. We can end the persecution of innocent people, have more affordable Marijuana and a more peaceful world; if we stand our ground and demand it. Decriminalize Cannabis and instead of spending our tax dollars destroying lives, money could be spent funding our schools and hospitals or used to reduce our debts. Legalize and tax Marijuana and the income generated can change our world. Grow and help the world grow too.

VSC

VancouverSeed.Com



GSPOT
HIGH TIMES
2009 TOP TEN WEEDS

VSC

Photo by [unreadable]

VSC

VancouverSeed.Com

ACQUISITION OF LIVE CANNABIS BEGINS & LEGAL IN THE UNITED STATES
AVAILABLE IN US DOLLARS FROM ANYWHERE IN THE WORLD

MISC



© 2014 VSC