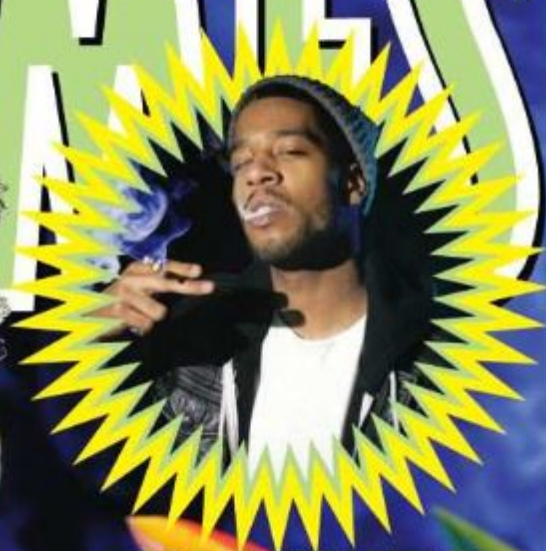
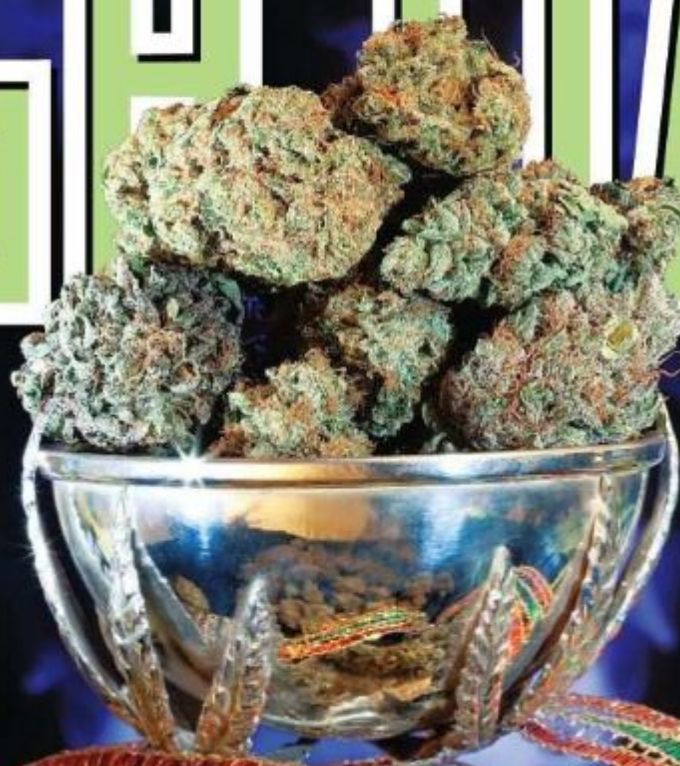


AMSTERDAM'S TOP GROWROOMS

# HIGH TIMES

APRIL 423

WORLD'S  
BEST  
BUDS



KID CUDI  
HIP-HOP'S  
HIGHEST

## CANNABIS CUP 23

WINNING  
SUPER  
STRAINS

TANGERINE  
DREAM  
FIRST  
PLACE!

OUTDOOR  
GROW  
GUIDE



APRIL 2011  
USA \$5.99 FOR \$5.99

0 4 >

7 1896 48427 4

WWW.HIGHTIMES.COM



**DNA GENETICS**  
kushberry



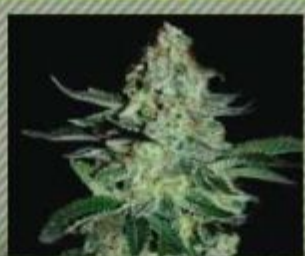
**DNA GENETICS**  
la confidential



**DINAFEM SEEDS**  
sweet deep grapefruit



**DINAFEM SEEDS**  
powerkush



**PYRAMID SEEDS**  
futankhamon



**PYRAMID SEEDS**  
wembley



**KANNABIA SEEDS**  
gnomo



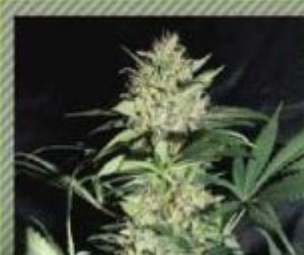
**NEXT GENERATION**  
grapegod



**SEEDISM**  
blz bud



**SENSI SEEDS**  
big bud



**ROYAL QUEEN**  
shining silver haze



**DUTCH PASSION**  
twilight



**TGA SUBCOOL**  
apollo 13



**SWEET SEEDS**  
big devil



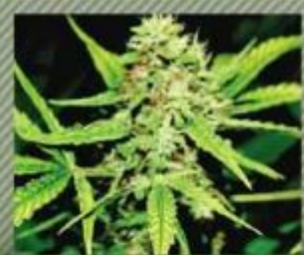
**PARADISE SEEDS**  
pandora



**TH SEEDS**  
burmese kush



**BARNEY'S FARM**  
lsd



**BARNEY'S FARM**  
vanilla kush



**DUTCH PASSION**  
blueberry



**G13 LABS**  
pineapple express

**WWW.THEATTITUDESEEDBANK.COM**

**01473 724698 INT: 0044 1473724698 INT: 011 44 1473724698**

YOU HAVE TO BE AT LEAST 18 YEARS OLD TO ORDER CANNABIS SEEDS FROM THE ATTITUDE-SEED BANK.  
IT IS AN OFFENCE TO CULTIVATE ANY PLANT OF THE GENUS CANNABIS IN MOST OF THE WORLD WITHOUT A LICENCE FROM THE SECRETARY OF STATE.  
ANYONE COMMITTING AN OFFENCE CONTRARY TO THIS SECTION MAY BE IMPRISONED OR FINED, OR BOTH.  
SEEDS ARE SOLD AS SOUVENIRS ONLY, OR FOR THE PRESERVATION OF GENETICS OR IN CASE LAWS MAY CHANGE. IT IS RESPONSIBILITY TO CHECK YOUR LOCAL LAWS  
BEFORE ORDERING.

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



10% PROMO  
CODE :420

THE ONLY SEED BANK  
TO OFFER GUARANTEED  
WORLDWIDE SHIPPING



BARNEY'S FARM  
tangerine dream



GREENHOUSE SEEDS  
super lemon haze



TGA SUBCOOL  
vortex



DNA GENETICS  
chocolope



TGA SUBCOOL  
querle



CALI CONNECTION  
deadhead og



BIG BUDDHA  
blue cheese



ROYAL DUTCH  
la cheese



TGA SUBCOOL  
jillybean



G13 LABS  
blueberry gum



RESERVA PRIVADA  
og kush #18



DNA GENETICS  
sleestack

**WWW.THEATTITUDESEEDBANK.COM**

01473 724698 INT: 0044 1473724698 INT: 011 44 1473724698

YOU HAVE TO BE AT LEAST 18 YEARS OLD TO ORDER CANNABIS SEEDS FROM THE ATTITUDE SEED BANK.  
IT IS AN OFFENCE TO CULTIVATE ANY PLANT OF THE GENUS CANNABIS IN MOST OF THE WORLD WITHOUT A LICENCE FROM THE SECRETARY OF STATE.  
ANYONE COMMITTING AN OFFENCE CONTRARY TO THIS SECTION MAY BE IMPRISONED OR FINED, OR BOTH.  
SEEDS ARE SOLD AS SOUVENIRS ONLY, OR FOR THE PRESERVATION OF GENETICS OR IN CASE LAWS MAY CHANGE, IT IS RESPONSIBILITY TO CHECK YOUR LOCAL LAWS  
BEFORE ORDERING.  
ACQUISITION OF LIVE CANNABIS SEEDS IS ILLEGAL IN THE UNITED STATES | PAYABLE IN US DOLLARS FROM ANYWHERE IN THE WORLD



# HASHBAR.TV



GO TO [WWW.HASHBAR.TV](http://WWW.HASHBAR.TV), [WWW.YOUTUBE.COM/HASHBARTV](http://WWW.YOUTUBE.COM/HASHBARTV) OR [WWW.FACEBOOK.COM/HASHBARTV](http://WWW.FACEBOOK.COM/HASHBARTV) EVERY WEEK FOR NEW EPISODES.



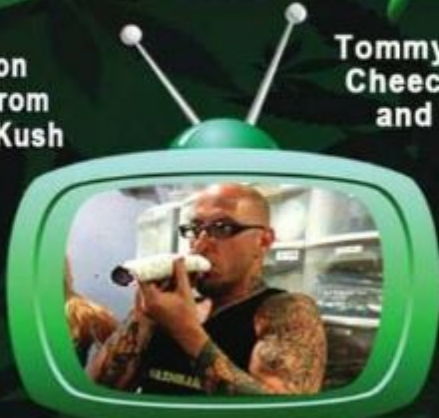
T.N.A. World Champion Rob Van Dam, B Real from Cypress Hill and Sean Kush



Tommy Chong from Cheech and Chong and Sean Kush



Five time W.C.W. World Champion Booker T and Sean Kush



The ultimate Cheech and Chong porn star hash joint. 2 ounces of porn star kush and 5 grams of hash. 2 hours to roll and 3 hours to smoke.



An assortment of some of the best medical marijuana in the world!



Oxygen ear wax hash. Very potent! Watch it bubble.



Pinapple Kush girl and Sean Kush at the T.H.C. expose 2010.



Edible girl from the T.H.C. expose 2010.

CONTACT SEAN KUSH: [SEANKUSH@HASHBAR.TV](mailto:SEANKUSH@HASHBAR.TV)

To see if you qualify for

medical **KUSH DOCTOR**

**KUSHDR.COM**

OPEN EVERY DAY: 11:00 A.M. - 7:00 P.M.

1811 OCEAN FRONT WALK, (VENICE BEACH BOARDWALK, ACROSS FROM THE BEACH)

# KUSHINATOR

kushinator.com - facebook.com/kushinator420  
myspace.com/kushinator420



**CHECK OUT KUSHINATOR'S DEBUT ALBUM ON iTUNES !**

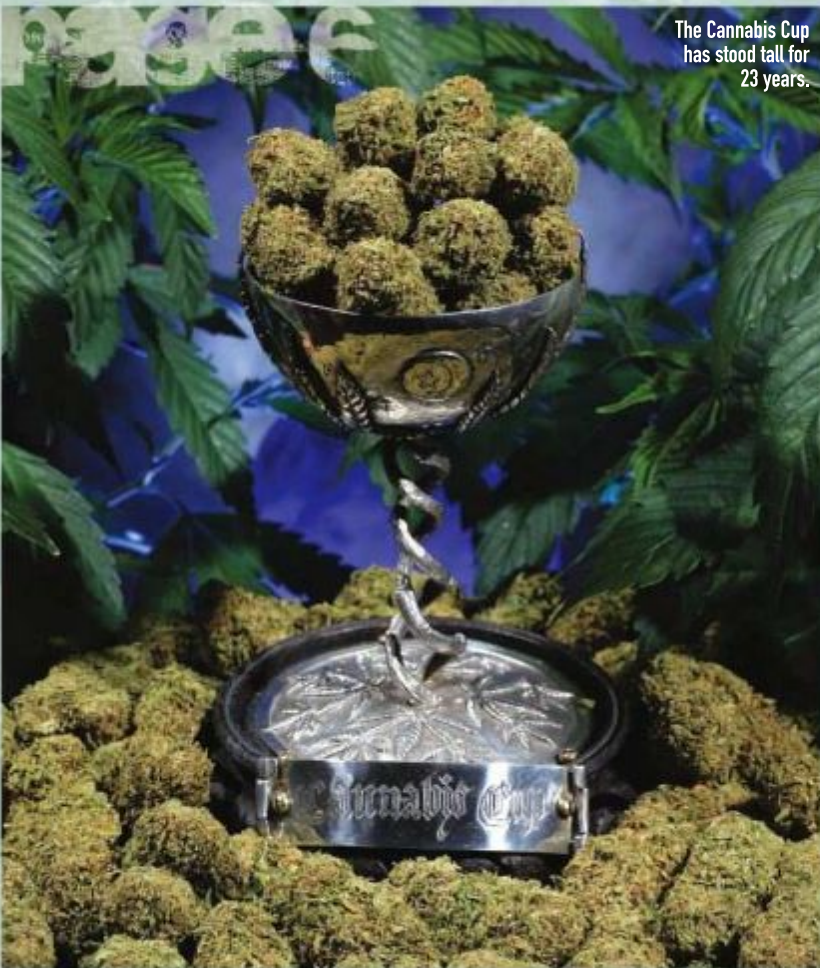
ALBUM INCLUDES: **TNA WRESTLING SUPERSTAR**  
**ROB VAN DAM'S** ENTRANCE THEME SONG, BOOGEYMAN,  
GREEN MARBLES, BEYOND GONE & MANY MORE.

**for medical marijuana**

**OR 310.823.KUSH**  
M. WALK INS WELCOME (5874)



**MISS FROM MUSCLE BEACH GYM) VENICE, CALIFORNIA. 90291**



KENT SEA

## THE MIRACLES OF CANNABIS

I wasn't supposed to attend the Cup this year. I know, I know—that sounds awfully sad, but I had to spend at least one Thanksgiving with Mom before she finally disowns me for good. However, as fate would have it, certain circumstances required that I make it to Amsterdam this year—but with the promise that I leave early and be home in time for turkey (which I did).

But I'm glad I went, because my charge was a new one and extremely unique. Not many people in the history of the Cup have been asked to do what I did, which was simply to oversee the entry process—including the numerous specimens of the world's best marijuana and hashish. Each coffeeshop owner, each master grower, each seed breeder entering the Cup came with their best cannabis and hash, and I was lucky enough to be the first to smell, taste and feel the effects of each. This was, in a word, AWESOME. The amazing experience brings a tear to my eye, in some weird way—but even more, it makes me realize what a blessing the Cannabis Cup really is.

The Cup is a gift to marijuana lovers—to growers, patients, breeders and smokers—because, for the past 23 years, this event has been unifying our global community as well as proliferating and disseminating information and genetics around the world. What a fucking miracle, really. Thanks be to Tom Forçade for creating HIGH TIMES, and to Steve Hager for founding the Cup, and, of course, to the omnipresent higher powers for giving us all each other—because, honestly, it's the thousands of Cupgoers that really make it happen.

As a token of thanks to you, our readers, please accept and enjoy our latest Cannabis Cup issue, complete with stories and reviews from one of the greatest weeks ever and our exclusive photos of the winners—the world's greatest strains in the past year. But that's not all: We also have some big features on environmentally responsible grow ops as well as an expert piece on outdoor water techniques—not to mention my own little article on seed breeding and just how the greatest strains find their way to the Cup.

So that's it for now; I'll let you get to it. After all, I'm way late on my deadline (as usual). I hope you enjoy and, as always, thank you for reading!

Stay well, amigos,

*Nico Escondido*  
Nico Escondido  
Cultivation Editor

# HIGH TIMES

- Executive Editor **Dan Skye**  
 Managing Editor **Natasha Lewin**  
 Senior Editors **Bobby Black**  
**Chris Simunek**  
 Senior Cultivation Editor **Danny Danko**  
 Cultivation Editor **Nico Escondido**  
 West Coast Editor **David Bienenstock**  
 Cultivation Editor -at-Large **Jorge Cervantes**  
 Web Editor **Mike Gianakos**  
 Editorial Assistant **Max Abrams**  
 Copy Editors **Mary Jane Gibson**  
**Rick Szykowny**  
 Creative Director **Steven Hager**
- 
- Art Director **Frank Max**  
 Production Director **Elise McDonough**
- 
- Publisher **Mary C. McEvoy**  
 Associate Publisher **Richard Cusick**  
 Advertising Director **Michael Czerhoniak**  
 Senior Advertising Representative **Matt Stang**  
 Advertising Manager **Ann Marie Dennis**
- 
- Controller **Sheila Avon**  
 Business Manager **Michael Safir**  
 Director of Technology **Craig Coffey**  
 Director of Southwest Promotions **Cathy Baker**  
 Contributors **Paul Armentano, Bianca Barnhill, Ashley Boudreaux, Crazy Composer, Big Croppa, Chef Mike, John Fortunato, Mel Frank, Freebie, Jon Gettman, Andre Grossmann, Brian Jahn, Kris Krane, Kyle Kushman, Lochfoot, Mark Miller, MzJill, Samantha Nicholas, Michael Simmons, Allen St. Pierre, Stinkbud, Subcool, Vaporella, Katy Winn, Max Yields**
- National Advertising Office: **419 PARK AVENUE SOUTH, 16TH FLOOR NEW YORK, NY 10016 (212) 387-0500**  
 Founding Publisher/Editor **THOMAS KING FORÇADE, 1945-1978**

## TRANS HIGH CORPORATION

HIGH TIMES APRIL 2011 No. 423 (ISSN #0362-630X), published monthly by Trans-High Corporation, 419 Park Avenue South, 16th Floor, New York, NY 10016 • HIGH TIMES and Trans-High Corporation do not recommend, approve or endorse the products and/or services offered by companies advertising in the magazine or website. Nor do HIGH TIMES and Trans-High Corporation evaluate the advertiser's claims in any way. You should use your own judgement and evaluate products and services carefully before deciding to purchase. • Mail subscriptions (payable in US funds) and changes of address (please include most recent mailing label) to PO Box 422560 Palm Coast, FL 32142-2560 • Offices at 419 Park Avenue South, 16th Floor, New York, NY 10016 • Periodical postage paid at New York, NY, and at additional mailing offices • Manuscripts must be accompanied by a self-addressed stamped envelope • All contributions will be carefully considered, but the publishers and editors assume no responsibility for loss or injury to unsolicited material • Copyright © 2010 by Trans-High Corporation. Nothing in this publication may be reproduced in any manner, either in whole or in part, without specific written permission of the publisher. All rights reserved. "HIGH TIMES," "CANNABIS CUP," "MEDICAL CANNABIS CUP," "MISS HIGH TIMES," "PIX OF THE CROP," "POT-CAST," and "BONGHITTERS" are trademarks and registered trademarks of Trans-High Corporation. All advertising and advertised products void where prohibited. POSTMASTER: Please send address changes to HIGH TIMES, PO Box 422560 Palm Coast, FL 32142-2560

TO ADVERTISE IN HIGH TIMES CALL:  
**(212) 387-0500**

FOR SUBSCRIPTIONS IN THE US CALL:  
**(800) 827-0228**

FOR SUBSCRIPTIONS OUTSIDE US CALL:  
**(815) 734-4151**

TO SELL HIGH TIMES CALL:  
**(800) 998-0739**

 **PRINTED IN THE USA**

# Formula 420<sup>®</sup>



Try One Today! [www.ItsAlways420.com](http://www.ItsAlways420.com)

[www.Formula420.com](http://www.Formula420.com)

Wholesale Only: 1-877-727-3420

**"In this excellent field guide, Danny's years of experience translate into easy-to-reference information on more than 125 strains, all at the flip of a finger, condensing everything you need to know into an easy-to-read, well-researched, concise package—with great photos too!" —JORGE CERVANTES, AUTHOR OF *MARIJUANA HORTICULTURE: THE INDOOR/OUTDOOR MEDICAL GROWER'S BIBLE***



**THE OFFICIAL  
HIGHTIMES®  
FIELD GUIDE TO  
MARIJUANA  
STRAINS**

- Cannabis Cup® Winners
- Top 10 Strain Awards
- Over 125 pot varieties!

By Danny Danko, Senior Cultivation Editor  
with a foreword by Jorge Cervantes



**"If you wish to become more sophisticated about the large number of strains now available, you will be hard-pressed to find a better written and superbly photographed little compendium than this book." —DR. LESTER GRINSPOON**



- Cannabis Cup® champions • "Top 10 Strain" award winners
- Over 125 pot varieties described • Cannabis buyer's guide
  - Landrace & heirloom genetics
  - Foreword by Jorge Cervantes

Available online at  
**HIGHTIMES.COM/HEADSHOP**  
or call **1-866-POT-SHOP**



AUSTIN, TX

MARCH 16-20, 2011

# SXSW<sup>®</sup>

SOUTH BY SOUTHWEST<sub>™</sub>

MUSIC



The South By Southwest  
Music Conference & Festival

Register to Attend

Go to [sxsw.com/attend](http://sxsw.com/attend) now to take advantage of current registration discounts. Next discount deadline Feb. 11, 2011.

Check out the latest band announcements on [sxsw.com/music](http://sxsw.com/music)

[sxsw.com](http://sxsw.com)



# HIGH TIMES



## FEATURES

### 38 BREEDING FOR THE CUP

BY NICO ESCONDIDO

Ever wonder how the competition for the *Indica* and *Sativa* Cups goes down in Amsterdam every year, who gets to enter, and just how the seed breeders do it? Nico takes a behind-the-scenes look while also profiling an up-and-coming new seed company. The rules, regulations and goals of the Cup are discussed, and the how-to side of creating and breeding new strains is outlined in detail by our resident cultivation geek.

### 46 ROMANCING THE STONE

BY DAN SKYE

The HIGH TIMES Cannabis Cup is always a merry romp through the world of ganja. Every year, new strains emerge, new hash varieties are unveiled, and innovative new products for cannabis consumers and cultivators alike make their debut. The 23rd Cup was no different, with thousands in attendance blissfully inhaling the best bud in the world.

### 76 OUTDOOR WATER HARVESTING AND APPLICATION

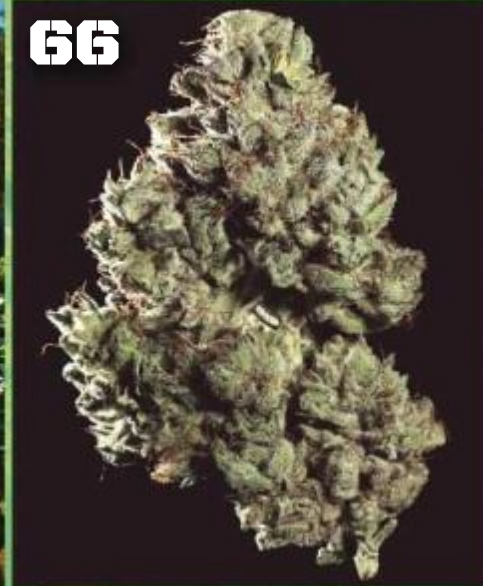
BY HUGH JIÉLDER

Our in-depth series concludes with the second installment on a garden's most prized resource—water! This time, Hugh Jiélder takes us on a closer inspection of outdoor cultivation and all the ins and outs of keeping your plants well watered and happy. Among the topics covered by HT's West Coast reporter: water-collection options and methods, storage and irrigation techniques, and filtration tools. It's that time of year again, so if you're planning to grow some outdoor this summer, this is a can't-miss primer!

### 86 THE HIGH TIMES INTERVIEW: DAN FOGLER

BY DAN SKYE

He's the star of *Balls of Fury*, *Kung Fu Panda* and the upcoming high-energy teen flick *Take Me Home Tonight*. But Dan Fogler is also a Tony Award-winning actor and accomplished film director with a number of irons in his creative fire—and he makes no apology that cannabis serves as his muse.



## DEPARTMENTS

### 06 PAGE SIX

### 14 HIGHWITNESS NEWS/BUZZ

EDITED BY DAN SKYE

Pot & acne; Dutch crackdown; High gas prices; Montana jury revolt; Drug tunnels; Gallup poll optimism; Texas courage; Pot surf shorts; Vape-or-Smoke; Cannabis Cup Expo; Music of the Cup; Dead Meadow; Ken Boothe; Reviews; Brain Damage Control; Band of the Month; Miss HIGH TIMES; Almost Infamous.

### 95 GROWORLD

EDITED BY DANNY DANKO & NICO ESCONDIDO  
Pix of the Crop; Cannabis Clinic; Munchies; NORM-Lizer; Freedom Fighter; Dr. Mitch; SSDP Report; War Stories; Environmental Growing by Dave Bienenstock; Dear Danko.

### 126 NEXT MONTH

### 132 POT 40

COVER: FREEBIE STRAIN: TANGERINE DREAM  
CENTERFOLD: FREEBIE STRAIN: ASSORTED

**Double your indoor yield  
no matter what strain  
you're growing now**

**with genuine**

**G13**

**the 1st pure G13  
seed ever**

**ONLY from  
[drgreenthumb.com](http://drgreenthumb.com)**

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

www.thedarkside.com



## AMERICAN-MADE GLASS

HEADIES FROM EUSHEEN, DARBY, CLINTON, FREAK, GHOST AND MANY MORE!



SPECIALIZING IN  
INSIDE-OUT COLOR  
CHANGING GLASS  
DIRECT FROM  
HUMBOLDT COUNTY  
AND OREGON

thedarkside.com

### feedback

#### WAY TO GROW!

I've been studying your magazine month after month, reading all the articles—which, I must add, are very informative—but I've noticed very few pieces on auto-flowering plants. I'm very interested in the Lowryder strains and would really love to see a page dedicated just to them, featuring pictures, grow information and any other tips you may have. Every one of you at HT is a great help! Thanks a lot!

Kyle W.  
North Carolina

I would like to thank you for providing such an informative magazine for the public. Although marijuana is illegal, it's the third most popular recreational drug, behind only tobacco and alcohol, and your magazine provides important information to the many people who continue to smoke it. Not only do you inform them how to grow better, but also how to prevent problems with the law. These laws are often hard to understand (especially our rights as citizens), but in your HIGH TIMES Legal Directory, there are several suggestions for avoiding trouble with the police, especially information on the protocols the police have to follow before they can search anything. It also tells people of the rights guaranteed to them by the Constitution and how to use them to their advantage.

Zach B.

#### SEED THANKS

I just want to say thanks! I've been following your website and appreciate your research and knowledgeable remarks concerning seed banks. I've bought from Attitude Seeds and can definitely vouch for them: They were professional, shipped immediately and answered my emails, and I received my seeds quickly, silently and "all-real." I have recommended them to others and will order from them in the future! Thanks again, and keep up the good work for all of us.

Janis Browning

#### WRECKED IN CANADA

I'm from Saskatchewan and have smoked some stuff that came from BC called Trainwreck Kush. It was unlike any other Kush I've ever tasted, and I've had Purple, Hindu and Kaia Kush, as well as a couple of others. But I've never heard any buzz about Trainwreck Kush or seen it in the mag—and the TK doesn't make its way out here anymore, either. I'd love to hear more about this strain if you guys know anything about it.

Jesse

#### FOOL ME ONCE ...

To all you growers out there in California who voted no on Proposition 19, I shake my head in sadness. You didn't want to see weed in the government's hands, so hopefully you won't get busted in the next two years (i.e., before the next vote), because then you'll see what the government can



really do once you get arrested. Just sayin'.

William

#### KUSH KRAZE

One of my favorite Kush effects (it was a piney indica with little nuggets and sold as Kush via I don't know how many middlemen) is this sort of gentle breaking down of facial recognition. As part of the mildly psychedelic euphoria, I found that my face looked less familiar and that things in general appeared

small (while sativas tend to make things look big). It also increased sexual interest and took some getting used to—e.g., after one hit, I was panicked by how much my brain seemed to slow down. Then, after getting used to the effects, it was a lovely slow ride, though I did have to "walk it off" at first!

ethnobotany fan

#### MORE ON KUSH

Great 420th edition!!! Congratulations, HIGH TIMES, and keep those flowers blooming! At last, the question is solved—thanks, Danko. Don't think it's ironic that Kush is from Pakistan and Afghanistan, since they are still on the Hindu subcontinent. Besides, those regions existed before the Indian pacifist revolution due to the fear of Muslims in India being discriminated against for being a minority. (Kusha = a type of grass in India.) Again, congratulations! Jay, HIGH TIMES!

Kaan

#### BODY PAINTING

To Brittany and the Artist Kelsie: Thank you so much for doing this! You looked amazing, and this was far and away my favorite page of issue 420!

Gram Sky

This was a very fun project with my friend Brittany for HT's 420th issue. It's my hope that everyone really enjoys and remembers this. Check me out at theartistkelsie.com and let me know what you think.—The Artist Kelsie

#### PHOTO BOMB

I loved my picture at the Telluride Mushroom Festival in the January '11 issue!

S. Starr

#### GET LEGAL NOW!

You all know it's okay to smoke pot. I am now in school to become a pastor. I hope they legalize it soon (or something), but if they don't and I get ordained, I will be a pot-smoking pastor. "God made everything, and He saw that everything He made was good"—Genesis 1:31!

Wish to Smoke

Send your letters to: Feedback c/o HIGH TIMES, 419 Park Avenue South, 16th floor, New York, NY 10016. Email: hteditor@hightimes.com. We reserve the right to edit for length and clarity.

SEE WHAT THE STINK'S ABOUT!  
spark420.com

SWEET  
TOOTH  
*... for pain and relaxation*



**SPARK**  
**420.com**

RETAIL... WHOLESALE

866-420-0420



The Green House is one of the most elegant coffeeshops in Holland.

## DUTCH CHILL

In December, the European Court of Justice ruled that tourists could be banned from buying pot in Dutch coffeeshops. The new rule was the result of a 5-year legal wrangle. In 2006, the Easy Going Cafe in Maastricht had been forced to close after complaints were filed that foreigners had purchased pot there. The owner, Marc Michel Josemans, had argued that the decision violated European Union rules. But the court ruled that the city could impose the rule in order to combat drug tourism and the accompanying public nuisance. Although the cannabis industry and law enforcement know that public nuisances are generally caused by alcohol consumption—not pot smoking—political observers state that it is possible the restrictions could be extended to cover the entire country.



### THE HIGH PRICE OF GAS

This hurts on so many levels. In the midst of our economic downturn, some Americans are definitely suffering more than others. We came upon this monstrosity recently while traveling through the Northern California hinterlands. It's bad enough that this gas pump will cost you over \$80 to fill a 20-gallon tank. But is it really necessary to besmirch both 420 and the word "patriot" while we're being price-gouged?



Residents of Big Sky country band together to stop pot prosecutions.

## CANNA MONTANA

Henry David Thoreau once posed the question: "Unjust laws exist: shall we be content to obey them, or shall we endeavor to amend them, and obey them until we have succeeded, or shall we transgress them at once?" If Missoula, MT jurors have anything to say about it, the answer is: "Don't bother us with this crap anymore."

In December, Teuray Cornell faced a felony and misdemeanor charge for possessing and selling pot. But Missoula had to cut a deal with Cornell because of the 27 jurors called to serve, five expressed reservations about prosecuting marijuana cases. Cornell's possession charge was dismissed, but he was convicted on the felony rap. Commenting on this case of jury revolt, Ethan Nadelmann, head of the Drug Policy Alliance said, "There is no other criminal law on the books that is enforced so harshly and pervasively that almost half of Americans don't think should be a crime in the first place. That's why this happens."



Activist/model Watermelon knows that buds are a source of beauty.

## POT & THE PERFECT COMPLEXION

Acne, the scourge of many a high school class picture, may have a new enemy—cannabis. Acne results from the overproduction of a lipid (oily substance) from sebaceous glands that waterproof the skin. The cells that make up these glands are sebocytes. The sebaceous glands, like many parts of the human body, also have endocannabinoid receptors. Endocannabinoids are substances (including lipids) from within the body that activate cannabinoid receptors; receptors are protein molecules that trigger a reaction/change within cells. This means that certain cannabis compounds can manipulate sebocytes to prevent pimples and zap zits.

As reported by the medical cannabis journal *O'Shaughnessy's*, Hungarian scientist Tamas Biro has done extensive research into the subject. By applying endocannabinoids to the sebocytes, he observed CB2 receptors increasing lipid production. (CB2 receptors are cannabinoid receptors with medicinal value, they don't get you high). Conversely, blocking the endocannabinoids with an agonist drug cuts off the oil well. (Agonists are the chemicals that bind to receptors in order to change cells).

Dr. Biro has experimented with CBD (cannabidiol, a pot compound that doesn't get you high), which is legal in Hungary as opposed to the outlawed psychoactive THC. While CBD prevents lipid creation it doesn't compromise the viability of cells, as opposed to mainstream medications that kill the sebocytes. Biro also intends to conduct a study into the anti-acne properties that THC may have.

MARIA COLETTIS/MARIACOLETTIS.COM

Tunnels from Mexico are popping up in San Diego.



## TUNNEL VISION

Just four blocks from the border of Mexico lies the community of Otay Mesa, part of the city of San Diego, CA. However, it's what lies beneath Otay Mesa that has Immigration and Customs Enforcement nosing around local warehouses. Lately, a number of tunnels have been discovered that travel underground from Mexico and surface in Otay Mesa warehouses. Late last year, the Feds found two such tunnels and seized 50 tons of pot.

It's not unusual for the tunnels to have power and ventilation systems. One such tunnel, discovered in 2006, stretched over a mile in length. Federal agents are asking warehouse owners to keep an ear to the ground—literally—and listen for subterranean noises.

## UK DRUG DEBATE

Bob Ainsworth's title was a mouthful: "Parliamentary Under-Secretary with responsibility for Drugs and Organised Crime and Minister of State for the Armed Forces." And now



Bob airs it out.

that Bob's out of office, he's said a mouthful. Ainsworth told *The Independent*: "We need to take effective measures to rob the dealers of their markets and the only way that we can do that is by supplying addicts through the medical profession, through prescription. We cannot afford to be shy about being prepared to do that."

In response, the *Daily Mail* conducted a poll asking whether drugs be decriminalized. At last count, nearly 70 percent of those weighing in favored decriminalization.

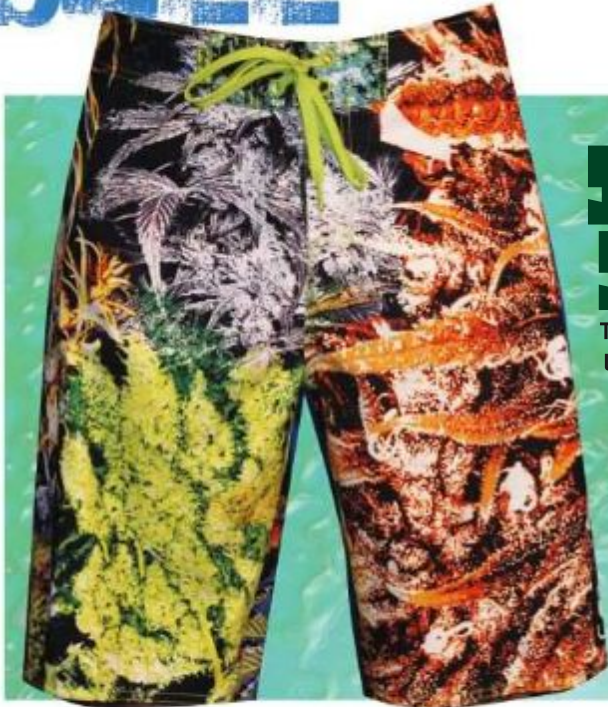
## MEDI-CONE MIRACLE

How do you know that the medical marijuana product you just purchased is organically grown and professionally lab-tested?



Go with the Medi-Cone. It's a pre-rolled cone of the finest California cannabis, grown either hydroponically or outdoors in Trinity County, and topped with frozen, drawn kief. Vice President of R & D Joseph Gubernatis makes the case for the Medi-Cone: "Seriously ill patients need access to high-quality medicine which needs to be absolutely safe. Science already demonstrates that cannabis is one of the safest substances imaginable, and quality control measures like these ensure that other factors haven't compromised this."

Steep Hill Lab, the nation's premier testing lab for cannabis, guarantees the quality of Medi-Cone medicine and Mountain High provides perfect, pre-rolled cones. Visit [medi-cone.com](http://medi-cone.com) and [mountainhigh.nl](http://mountainhigh.nl).



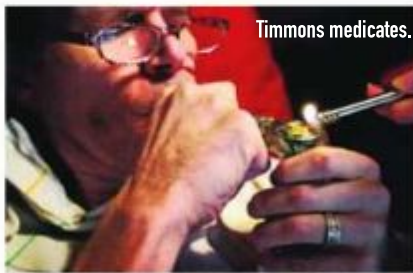
## SURFIN' ON A SEA OF GREEN

The weather outside is frightful. But when it's less scary, hit the beach wearing surf shorts that show your true colors. And although that color may actually be green, you'll definitely dig the shorts' psychedelic print featuring a ganja garden with lifelike buds in full bloom. The shorts are designed by Lifted Research Group, or LRG. Check out LRG's entire closet of cool, conscious duds. Visit [l-r-g.com](http://l-r-g.com).

## SHOWDOWN IN TEXAS

Tim Timmons, 54, from Garland, TX, was diagnosed with multiple sclerosis in 1987 and uses pot to combat painful muscle spasms, in conjunction with prescription drugs. A staunch Republican and Texas conservative Christian, Timmons resents being reliant on the pot black market. But self-medication—and survival—is more critical than abstract ideals. Recently, the mostly bedridden Timmons almost died from bedsores (a common killer of MS patients). However, Tim never stopped promoting medical pot—despite being on his literal deathbed, until a “cocktail” of antibiotics saved his life. In an interview with the *Dallas Morning News*, Timmons openly defied the outdated Texas laws that deny him his medicine: “I would love [Texas Gov.] Rick Perry to be the guy who arrests me. It would cost the state of Texas \$500,000 a year to take care of me in prison.”

Medcan University is crafting a bill that would legalize medical pot in Texas. Dubbed “The Tim Timmons Compassionate Care Act of 2011,” its passage would allow private dispensaries to be established, although patients would not be able to grow at home. Medcan U hopes to put the Timmons Act before the Texas Legislature this year.



Timmons medicates.



Hearing God.

**PAT'S 420 CLUB**  
 Televangelist Pat Robertson, host of *The 700 Club*, has predicted that God would punish Florida with hurricanes after Disneyworld promoted “Gay Days.” He’s blasted feminism because it “encourages women to leave their husbands, kill their children, practice witchcraft, destroy capitalism, and become lesbians.” And Haiti’s earthquakes? They were the result of a pact made with the devil two centuries ago.

Apparently, God is one vengeful Dude. But just before the holidays, Pat told his TV audience: “We’re locking people up that take a couple puffs of marijuana... We’ve got a take a look at what we’re considering crimes. I’m not exactly for the use of drugs—don’t get me wrong—but I just believe that criminalizing of marijuana, criminalizing possession of a few ounces of pot is costing us a fortune and ruining young people.”

Wow! If God is pissed about this, too, politicians and law enforcement had better start watching their backs.

### HIGHLY MILEY

Pop star Miley Cyrus, the international icon of the hit TV/movie franchise *Hannah Montana*, knows how to use a bong. That was clear



Sampling salvia?

after a video was released showing her operating a tall waterpipe with prowess. But Miley’s peeps insisted that it wasn’t weed in her bowl; it was *Salvia divinorum*, a natural herb that produces psychedelic effects. Some doubted the spin believing her handlers would prefer news reports of Miley doing a legal drug, rather than pot. It still didn’t stop the media from running breathless stories like “Miley’s Cry for Help”—which, of course, knocked that trivial clash between North and South Korea off the front pages.



## ONE-HANDED HIGH

There are two conditions in which smoking pot can be a hideous ordeal: when you’re stuck in a howling wind or when you only have one hand available.

Not anymore. Reach for the Vape-or-Smoke. It’s the world’s first portable herbal extraction and smoking device, and allows users to choose between

smoking or vaporizing. With practice, a Vape-or-Smoke user can even do both. It’s great for outdoor activities like skiing, climbing, hiking, camping, and mountain biking. Plus, its one-handed operation makes the Vape-or-Smoke ideal for people with arthritis, multiple sclerosis and similar disabilities. Visit [vaporsmoke.com](http://vaporsmoke.com).

## THE ART OF POT

San Francisco Bay-area artist Monika Lea Jones is a muralist who works with community groups and proudly provides visuals for the cannabis movement. She studied botanical illustration and field sketching at the University of Santa Cruz, which led her to recreate the glory of ganja on canvas. Monika says she strives to “illuminate the modern landscape that rests upon primordial nature of forces.”

Wow, that’s deep! All we can say is that we know great art when we see it.

To view more of her cannabis art, visit [monikaleajones.com](http://monikaleajones.com).



Artist Jones



Rudd gets blasted.

### OVERSTATEMENT OF THE YEAR

In New Zealand, AC/DC drummer Phil Rudd was convicted of possession after his boat was searched in October and cops found about an ounce of pot. His lawyer argued for dismissal, but the community magistrate chastised him thusly: “You were blindly ignoring the law. You have been playing Russian roulette.” Rudd was fined \$250 (NZ) plus \$133 in court costs.





# The grass is always greener when you grow your own

With **BC Northern Lights'** safe, secure and discreet growing systems you can pump out a crop every 6-8 weeks. And with 7 days a week grow and tech support, from beginner to expert, your grow will be a success.

Call our growing experts today for more information.

## THE BLOOMBOX

THE ALL-IN-ONE



- It's all you need for a perfect grow
- Available touch screen control center
- 2 Chambers for Veg and Blooming

## THE PRODUCER

GROW LIKE A PRO



- Built for flowering
- Flower 18 plants at once
- Available touch screen control center

## THE MOTHERSHIP

'CAUSE YOU GOTTA KEEP MOM HAPPY



- Small size for growing mother plants or a small crop
- Grow with hydro or with soil
- Preprogrammed GrowSmart timer for optimal results

## THE NURSERY

THE CLONING MACHINE



- Need clones? How about 84 a week.
- Touch screen control center
- 4 Level design for optimal rooting results

# 1-888-236-1266

# CALL FOR A QUOTE

[www.BCNorthernLights.com](http://www.BCNorthernLights.com)



BC NORTHERN LIGHTS

# 5 TIME HIGH TIMES STASH AWARDS WINNERS

BC Northern Lights has won awards in S.T.A.S.H.™ awards for the past 5 years straight by providing the best purpose built grow boxes on the market.

HIGH TIMES and S.T.A.S.H. Awards are registered trademarks of Trans High Corp. and are used with permission.





The biggest year for the Cup yet, lines were long and the fumes were strong, but the sun was out and everyone got stoned.



The Delta-9 Labs crew at your service.



Supreme Beans doled out the dank.



All the lovely ladies use a Vape-or-Smoke.



Subcool schooled the crowd on breeding techniques.



The Green House's Strain Hunters India DVD scored a big hit with crowds.

# BAZARRE BAZAAR

**Buds, bong and blazing at the 23rd Annual Cannabis Cup Expo. By Natasha Lewin**

The forecast for the annual HIGH TIMES Cannabis Cup Expo is *hazy*. For the past four years, it's been held at the PowerZone, and, if anything, the Cup crowd works overtime to ensure that the 5,000-plus-capacity club is suffused with stoner smoke. Usually, this gigantic nightclub, located in Amsterdam's Oost district, pumps out *untz-y* beats for hordes of sweaty patrons. But for five days over Thanksgiving week, HIGH TIMES transforms the warehouse hotspot into a fabulous fair for tokers and growers alike, hosting over 40 vendors and 3,000 judges for the Cannabis Cup.

The PowerZone is somewhat hidden behind a nondescript Dutch strip mall, but Cup judges had little trouble finding the Expo. Dank-smelling clouds emanating from the club's front doors were the tip-off—as well as the freshly spray-painted Cup banners, created by the legendary graffiti writer Vulcan, that hung on the gates outside.

Inside, the Expo was packed with marijuana merchants. Essential VAAAPP had its Glass on Glass Eclipse Vape<sub>2</sub>0 filled with hash oil, ready to get you rocked as soon as you arrived. Since you've just entered a seed vortex, any-

thing you need for that garden of yours was available through outfits like Finest Medicinal Seeds and Kiwi Seeds. And Atami had everything you could want to make sure your plants grow healthy and strong.

Around the corner, Supreme Beans was packing their new glass bong, the Hitman, twisting hundreds of stoner judges with their tornado technology. Don and Aaron of DNA Genetics pleased the crowds with a four-foot Volcano bag bulging with vapor from their prized Kosher Kush (blessed by a rabbit). Derry and the gang from Barney's Farm showed off the eventual winner of Best Product, Barney's Bud Scope, which allowed judges to scrutinize the perfection of their Cup-winning *sativa*, Tangerine Dream. Across the way, Grassroots California and CMAZ Glass were selling HIGH TIMES 23rd Cannabis Cup hats like spacecakes—complete with stash pockets and monogrammed stitching.

The past year was a groundbreaking one for sleek pipes and space-age technology in the wide world of weed. Mojo Trading Limited promised a cleaner hit with easier delivery by using their Journey Pipe. For the minimalist, the Digger One-Hitter is a grinder *and* a bat. Vape-or-Smoke's amazing

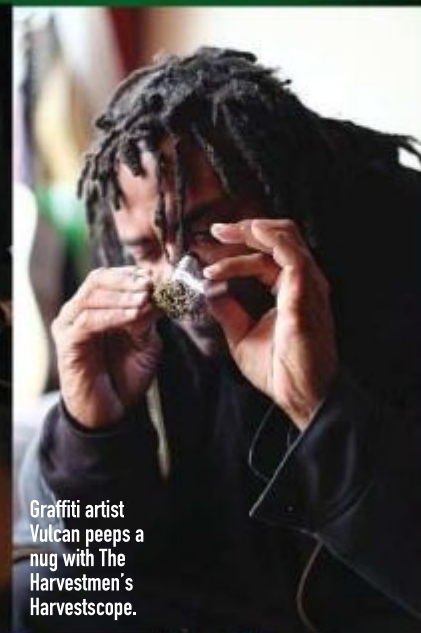


Don and Aaron of DNA Genetics pose with the good people from Sheldon Black.

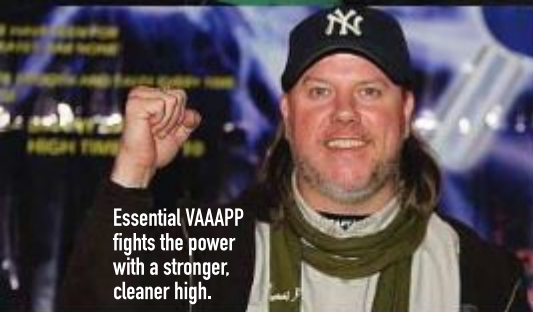


Franco from Green House shows off his rolling skills.

The Eject-a-Bowl makes people happy.



Graffiti artist Vulcan peeps a nug with The Harvestmen's Harvestscope.



Essential VAAAPP fights the power with a stronger, cleaner high.

Prix D'Ami, Mellow Yellow and The Noon killed it this year with their amazing nug.



Mila's Perfect Screen and Miss Mila herself.



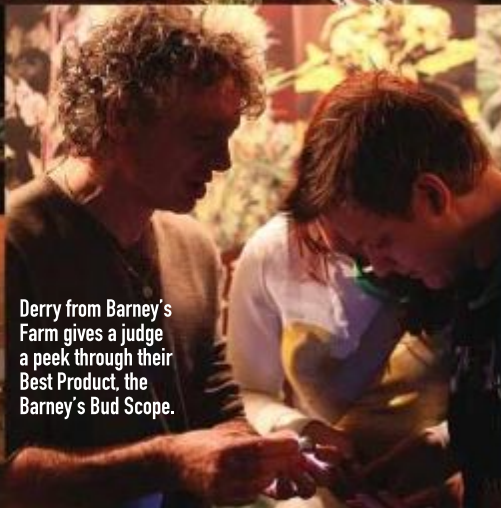
Glass Gripper and Digger One-Hitter team up.



The faces behind CONES!



The sleek and sexy Mountain High 00 Boxes.



Derry from Barney's Farm gives a judge a peek through their Best Product, the Barney's Bud Scope.



Adam from T.H. Seeds strikes a pose with Hoodlamb's new Sea Shepherd jacket.



The incredible Journey pipe.

two-pipes-in-one combo is weather-resistant and totally discreet. The Eject-a-Bowl pipe allows smokers a clean hit after every use, while PHIT's revolutionary HI-Lighter heats your ganja via the power of a battery and quartz stone, resulting in butane-free inhalations.

The Pollinator Company scored with Mila's Perfect Screen, a handy pipe accessory to keep that nasty ash out of your mouth. Vapir had a packed booth of potheads trying out their NO<sub>2</sub> Vaporizer. The Harvestmen, newcomers to the Cup, offered intimate pot peeks through their fancy Harvestscope. For the clumsy, the Glass Gripper promised to keep your bong safe and sound from stoner slip-ups.

Advanced Nutrients went *big* this year, offering Expo attendees at their booth crash grow classes hosted by cultivation guru Erik Biksa. Prospective buyers were wowed by his demonstration of the Stealth Grow LED, as well as their super-cool Trim Reaper and the pH Perfect Nutrient System—a well-balanced, bigger-yielding fibering system aimed at crop-feeding your plants their favorite meal all the time.

Mountain High was busy selling Snoop Dogg's own rolling papers, pre-rolled paper Cones, Mountain High Scopes and, last but definitely not least, the stealth Mountain High 00 Box.

If judges got too couchlocked from smoking The Noon's highly coveted Sleaze, Prix D'Ami's buzzing S-5 Haze, or Mellow Yellow's strong *sativa* S-5 OD, Arjan and the folks from Green House offered sofas where the high and weary could view their smash-hit DVD, *Strain Hunters: India*, in grow-HD TV. Or they could lie back on the cushy black leather couches provided by Cof-feeshop Travel, the official HIGH TIMES Cannabis Cup travel agent, who gladly signed up eager attendees for next year's Cup.

Delta-9 Labs' Simpson Kush Vapor Tent was set up for the singular purpose of getting patrons as high as possible. Chills and Thrills were responsible for the laughing fits caused by their fabulous Magic Mushroom Truffles (still legal in Amsterdam). And at the Hemp Hoodlamb booth, I bought my first-ever Hoodlamb coat from Adam, Terry and Doug, just in time for the harsh New York winter. (I bought my second-ever Hoodlamb at their local store, Hemp Works.)



These two cuties are working it behind the booth at T.H.Seeds.

Yours truly looking pleasantly fried.

The revolutionary HI-Lighter from PHIT.

God bless the tripping power of Magic Truffles.

Sensi Seeds, some of the nicest folks at the Cup.

Soma shows off his Sacred Seeds stash.

Grassroots and CMAZ hang tough.

Mavericks of Marijuana: Arjan from Green House and Derry from Barney's toast a successful Cup.

Attitude Seed Bank beauties.

The folks at Advanced Nutrients answer all your questions.

The gorgeous girls of Resin Seeds.

The Harvestmen representative.

The Expo is the seed store you've always dreamed of. Resin Seeds and the two beauties working their booth sold Cannatonic seeds by the bushel. The widely popular Attitude Seed Bank hosted infamous breeders and HT contributors Subcool and Mz. Jill. Hortilab's Starberry flew off the shelves. Positronics and Bio Bizz promoted their successful Starter Pack and watched their Clastrum seeds sell out. Soma at Soma Sacred Seeds signed his best-selling book, *Organic Marijuana Soma Style*, for ganja growers and cannabis collectors alike. Simon and the fellas from Serious Seeds waxed philosophic about their top beans. Sensi Seeds was super-swamped with customers. And the boys at T.H.Seeds fielded questions about how best to grow their delectable second-place *indica*, Cold Creek Kush.

What a year for glass! ROOR won the Glass Cup with their amazing Ghost. DNA hit the mark with a hot new piece from Sheldon Black. The Moab by Green Devil Glass, with artwork by Hugo Kaagman, was as indescribably detailed as it

was huge. Percolated showed off two positively unreal specimens of artistry, Brandon Martin and Toro Micro—a steampunk work of genius. The Cali Connection killed it with their Klingon. And Dragon Bong and Earth Spirit were a welcome addition with their spectacular Dragon Vap and ethereal Dragon Bong.

Sure, you could shop for hours, but if you needed a rest, upstairs were Q&As with HT celebs Bobby Black, Miss HT 2010 Brittany Wagoner, and the sexy stoner starlet Vaporella. Not to mention cultivation mentors like Green House's Arjan, the DNA partners, Soma Sacred Seeds' own Soma, Advanced Nutrients' Erik Biksa, T.H. Seeds' Adam, breeder Subcool and Hortilab, who gave their own sensi seminars.

If you haven't figured it out already, there's something for everyone at the HIGH TIMES Cannabis Cup Expo. When Amsterdam calls, you answer. Don't miss out next year!

Special thanks to all our vendors, sponsors and judges! 🌿

# Give a man a bud, he smokes for a day. Teach a man to grow, he smokes for life...

**ALL ABOUT GROW BOXES**

**GROW YOUR OWN MEDICINE**

**Sensory OVERLOAD**

**2nd Time's the Charm**

**The BloomBox Grows in Popularity:**

**9th ANNUAL S...**

**EPIC MEDS**

**MEDICINAL CANNABIS CUP**  
JUNE 19TH 2010  
MEZZANINE  
SAN FRANCISCO

**BEGINNER'S GUIDE**

**THE APPLIANCE OF SCIENCE**

**GROW YOUR OWN MEDICINE**

**SECRET GROW BOX**

**THE BLOOMBOX**

**THE PRODUCER**

**THE DRYER**

**CO2 and Hydro are Optional**

**FREE TEAR-OUT FILTERS!**

**1.888.236.1266**

**www.bcnorthernlights.com**

**BC NORTHERN LIGHTS**

**www.bcnorthernlights.com**

**BCN HIGH**

**VISA**

**MasterCard**

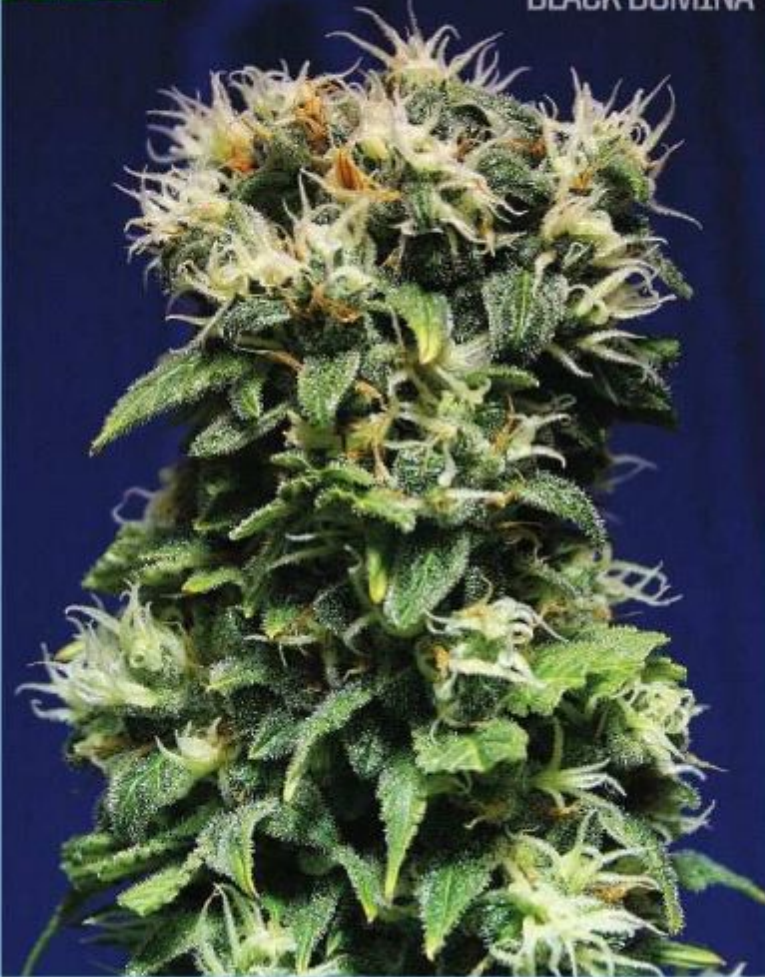


## 1.888.236.1266



**BC NORTHERN LIGHTS**  
www.bcnorthernlights.com





**MARKET ANALYSIS**

Kush hung onto the top pot spot, finishing April as the most submitted strain—and after a \$52 drop last month, Kush’s average price was up \$23. Conversely, Diesel and Haze both finished below their previous month’s average (Diesel, -\$26; Haze, -\$16), while Blueberry returned to the top five for the first time since January. The top five submitted strains (with average price) were Kush (\$371), Haze (\$376), Diesel (\$367), Purps (\$425) and Blueberry (\$293).

**Index Watch:** While the Kind Index finished above its previous month’s average (+\$18), the Mids and Schwag indices finished below both their previous-month and year-to-date averages, with the Schwag Index experiencing the largest drop from March (-\$33). The US Price Index essentially held steady.

Trans-High Market Quotations (THMQ) reports pot prices by the ounce, strain and location. To submit prices, go to the THMQ link at hightimes.com.

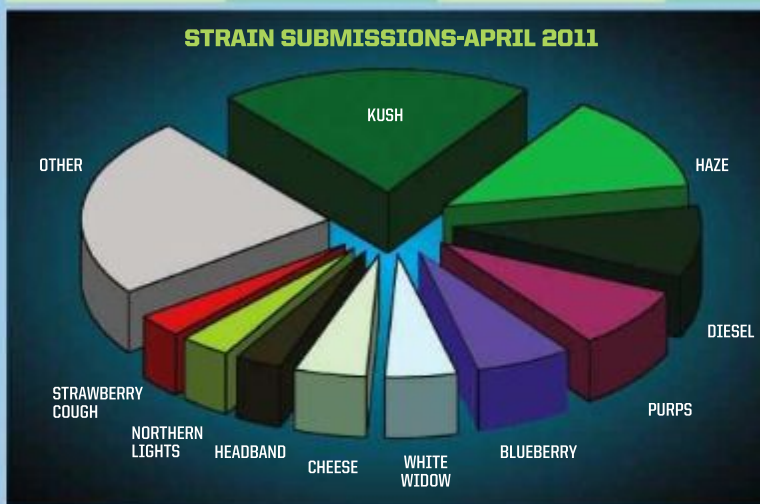
CURRENT US PRICE INDEX: **\$352** (last month: \$355; YTD: \$355)

CURRENT KIND INDEX (\$350+ PER OZ): **\$423** (\$405, \$419)

CURRENT MIDS INDEX (\$150-\$349 PER OZ): **\$264** (\$275, \$273)

CURRENT SCHWAG INDEX (\$1-\$149 PER OZ): **\$97** (\$130, \$112)

| STATE   | CITY                          | STRAIN  | PRICE                   |
|---|-------------------------------|---|-------------------------|
| ALABAMA   | Tuscaloosa                    | Blue Dream<br>Granddaddy Purps<br>AK-47             | \$600<br>\$550<br>\$500 |
| ARIZONA   | Phoenix                       | Bubba Kush  | \$250                   |
| ARKANSAS  | Paron                         | White Widow   | \$200                   |
| CALIFORNIA  | Sacramento                    | Cheese  | \$250                   |
| COLORADO  | Colorado Springs              | OG Kush<br>White Widow<br>Super Lemon Haze          | \$325<br>\$350<br>\$400 |
| CONNECTICUT   | Enfield                       | G-13<br>Cheese                                      | \$450<br>\$400          |
| IDAHO   | Boise                         | Blue Haze   | \$275                   |
| KENTUCKY  | Louisville                    | Blue Dream  | \$400                   |
| LOUISIANA   | New Orleans                   | Orange Crush<br>OG Kush                             | \$480<br>\$480          |
| MARYLAND  | Baltimore                     | Silver Haze<br>Blue Dream                           | \$350<br>\$350          |
| MASSACHUSETTS   | Boston<br>Cape Cod            | Headband<br>Alaskan Thunderfuck<br>Granddaddy Purps | \$425<br>\$330<br>\$360 |
| MICHIGAN  | Detroit<br>Grand Rapids       | Sour Diesel<br>Apollo 13 Bubble Hash                | \$500<br>\$800          |
| MONTANA   | Billings<br>Helena            | Blueberry<br>Headband<br>Chernobyl                  | \$250<br>\$250<br>\$250 |
| NEVADA  | Las Vegas                     | Bubba Kush  | \$300                   |
| NEW JERSEY  | Lakewood                      | Headband<br>OG Kush<br>Granddaddy Purple            | \$375<br>\$400<br>\$440 |
| NEW YORK  | New York<br>Queens            | Haze<br>Super Lemon Haze<br>Pineapple Express       | \$380<br>\$450<br>\$420 |
| OHIO  | Cleveland                     | Bubba Kush<br>Northern Lights<br>Sensi Star         | \$350<br>\$400<br>\$450 |
| OREGON  | Eagle Creek                   | G-13<br>Kush  | \$280<br>\$300          |
| SOUTH CAROLINA  | Columbia<br>Greenville        | Super Lemon Haze<br>Cross-Eyed Kush                 | \$400<br>\$560          |
| VERMONT   | Burlington                    | Indoor<br>Diesel                                    | \$220<br>\$400          |
| VIRGINIA  | Richmond<br>Rockingham County | Warlock<br>Strawberry Cough<br>Blue Dream           | \$400<br>\$380<br>\$390 |
| WASHINGTON  | Yakima                        | Trainwreck<br>Lemon Kush                            | \$250<br>\$300          |
| WEST VIRGINIA   | Huntington                    | Sweet Tooth   | \$400                   |
| <b>INTERNATIONAL</b> (prices in Canadian dollars or British pounds) |                               |   |                         |
| CANADA  | Amherstburg                   | Kryptonite Kush<br>Blueberry Kush                   | C\$210<br>C\$240        |
| ENGLAND   | London                        | Strawberry Diesel                                   | £250                    |



**AK-47 - \$500**

Tuscaloosa, ALABAMA

“Doesn’t taste the best, but it knocks you on your ass ....”

**Indoor - \$220**

Burlington, VERMONT

“Very nice, light, hairy buds with moderate smell and a very strong, stony high. Not my favorite because it gets you a little cloudy-headed. It’s great for getting super-stoned and sitting around on the couch, but not for going to work.”

**Blue Dream - \$350**

Baltimore, MARYLAND

“I got locked up last week, and four cops kept going on and on about how it was the best shit they’d ever seen, smelt or confiscated. They were passing it around like kids in a candy store.”

**Strawberry Diesel - £250**

London, ENGLAND

“A mind-blowing, full-body stone that’s just rocking my world. What a sublime flavour—and those crystal-covered buds are as beautiful to look at as they are to smoke. Just amazing!”

TOP K2 IS YOUR BEST SOURCE FOR 100% LEGAL HERBAL INCENSE!

FREE SHIPPING\*

# NOW LEGAL IN FIFTY STATES

Our Best Blends Ever!



Summit  
Blonde  
Pink  
Blue  
Citron  
+ more

## Satisfied Customers Tell All!

*"Tried it with some friends, we all loved it. Now they want some too!"*

*"I have found other sites, but TopK2 has much higher standards... The loyalty points make everything so affordable... This site is definitely the place to go when you're buying K2!"*

*"Great stuff and best price on the web."*

Shop Online

Order today and we'll ship today!



Our hours of operation are  
9AM - 5PM PST call today  
to speak to a real person!

1-888-488-6752

www.topk2.com

Money  
Back  
Guarantee

Earn  
Loyalty  
Points  
For Repeat  
Customers

Exercise  
Your Rights!

\* Qualify for free shipping on orders of \$65 or more.



# HIP-HOP AND HIGH TIMES FOREVER

Kid Cudi passes the chronic.

HIGH TIMES' relationship with hip-hop has been a long and historic one, from Steve Hager's groundbreaking 1984 book *Hip Hop: The Illustrated History of Break Dancing, Rap Music and Graffiti*, to HT's cover features on then-newcomers Cypress Hill and Redman back in the early '90s. So it's fitting that this year's Cannabis Cup was a tribute to the legends of the genre. Spanning three generations of hip-hop, the performers at the 23rd Annual HIGH TIMES Cannabis Cup were selected not merely for their creative contributions to the counterculture, but also for their discerning talents in identifying the best weed in the world. **By Zoot Simms**

"There was a sign that read 'Devin the Dude!'" Devin laughs, recalling his 6 a.m. arrival at the Schiphol airport in Amsterdam en route to his first-ever Cannabis Cup. "I went straight to the Green House and, within 20 minutes, I was almost *too high*—but I knew that was just the start of a long day of enjoying different strains of 'coughee beans.' Meeting Coke la Rock later that day was prime for me: He's considered one of the first to ever rock the mic," Devin adds, speaking of this year's Counterculture Hall of Fame inductee. "He knows the raw essence of the origin of rap."

Other first-generation pioneers in attendance were Chief Rocker Busy Bee and Grand Wizzard Theodore, both known for their memorable performances in the cult hip-hop film *Wild Style*. Busy served as master of ceremonies for the Awards Show, while Theodore ably provided the musical backdrop.

Traditionally, with the privilege of being invited to perform at the Cup comes great responsibility. Performers are also celebrity judges and must use every available faculty to evaluate each entry's pros and cons. It's not uncommon for first-time judges to underestimate the demands of such a task. "I got up the seemingly endless flight of steps and entered a room with bookshelves lined with jars," says Chace Infinite, recalling his arrival at the secret testing facility dubbed "The Temple." Chace, one-half of the Los Angeles rap duo Self Scientific, is no stranger to connoisseur-grade weed: "It was a little overwhelming at first, but the weed scientist in me took over and I spent the next

two hours testing almost all the jars." The Temple came equipped with every testing apparatus imaginable, from glassware and papers to a high-powered microscope with a flat-screen display for studying trichome formations.

"It was a lot of work—but the best kind of work," jokes New Orleans rapper Curren\$y. "It also gave me a chance to flex my tree knowledge."

Curren\$y was so meticulous about testing that his judging duties clearly trumped anything else planned for the week—including his performance. While still in his dressing room, mere minutes before he was scheduled to hit the stage, he and HT editor Danny Danko excitedly debated the merits of certain *indica* strains. Curren\$y had several interesting techniques to identify potency, including one that he referred to as the "face itch." Curren\$y explains: "You want to smoke something that makes you feel like you're getting a bunch of little, tingly freckles under your eyes. A good hash will give you that, too—that's when you know you have a winner."

With so much smoke in the air, the hardest part for the performers was trying to keep the crowds cognizant and focused on making it through the event. The energy level for the Cup was perfectly established by the dynamic opening-night set from Cypress Hill founder and world-champion turntablist DJ Muggs. He effortlessly took a packed room of stoned zombies and dropped his needle like a shot of adrenalin to move the crowd. "We rocked the opening-night party at the Melkweg and tore that shit down!"





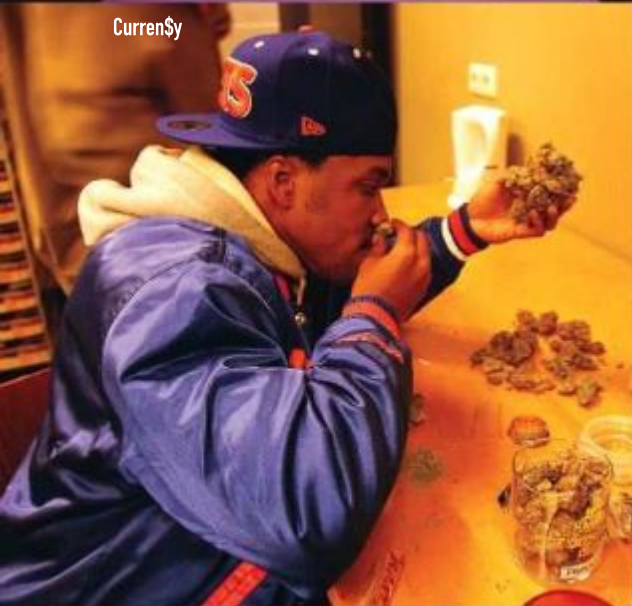
Busy Bee and Coke la Rock



Devin the Dude



Cypress Hill's DJ Muggs



Curren\$y



Kid Cudi



Rob Quest



Aaron from DNA Genetics with Dilated Peoples



Coke la Rock, Grand Wizzard Theodore and Busy Bee



Del tha Funky Homosapien

Muggs proclaims, adding with satisfaction: "Another great Cannabis Cup!" With his behind-the-back and under-the-leg trickery, he prepped the crowd for the person who would turn out to be the Cup's musical headliner, Cleveland vocalist Kid Cudi.

Meanwhile, back in Cudi's overcrowded (and over-clouded) dressing room, some informal judging was going down. Soma, Arjan from the Green House and Derry from Barney's had personally bestowed their best product upon the singer/rapper for his inspection. Cudi, a huge marijuana enthusiast, was clearly in his element. "I can't wait for someone to name weed after me—then I can officially die!" he laughed.

A few joints later, Cudi hit the stage and the whole place was electric. As his latest single, "Marijuana," came on, Cudi scurried to pass out a dozen or so joints to the packed front row and urged everyone to "light something up!" Hollywood A-lister Shia LaBeouf was on hand filming with his vintage 8mm camera, getting footage for a short film and music video that he's rumored to be working on with Cudi. As a finale, and in true rock-star fashion, Cudi shot into the swarming crowd while performing his No. 1 hit, "Day 'n' Nite," feverishly emptying his glass jar of Cannabis Cup entries into the vibrant sea of outstretched hands.

The excitement carried over into the next night, with Oakland hip-hop favorite Del tha Funky Homosapien using the Cup as an excuse to make his first

voyage to Amsterdam in 12 years. (He was busted for accidentally bringing a small amount of hash through customs on his last journey.) "The level of appreciation of music that the people had at the event was dope," Del offers. Given the heavy hip-hop presence, this year's event became a weed reunion of sorts for many artists who hadn't been together—especially in one room—for years.

Unfortunately, some artists weren't able to participate in the judging. "We didn't get to partake in all the festivities because we were either battling jet-lag or a cold," laments DJ Rhettmatic of the world-famous Beat Junkies DJ crew. Beat Junkie member DJ Babu had the same experience: "I'd been on tour the previous week, and when I arrived in Amsterdam, I got really sick—all while I'm missing the best Cup ever." The good news is that he did manage to make it for his performance Wednesday night at DNA's Hot Box Party with fellow LA hip-hop legends Dilated Peoples. It was an exciting show, and luckily for Babu, the copious amounts of secondhand smoke wafting in his direction proved to have some medicinal benefits.

"If we thought it was going to be this much fun, we wouldn't have waited 23 years to hold the Hip-Hop Cup," announced event founder Steve Hager at the Awards Show's closing ceremonies. Gathering some of the best DJs and rappers from all over the US and the best marijuana strains from all over the planet was a great idea that will forever be enshrined in both cannabis and hip-hop history. ✨



## KEEP ON THE GRASS **Dead Meadow plow headfirst into heady concepts. By John Payne**

Straight outta Washington, DC, veteran psych-thud kingpins Dead Meadow have been carving out their own exceedingly heavy slice of time, space and brontosaurus beats for many years—a stance and style far removed from the band members’ roots in punk rock and hardcore.

“It was a bit of reaction against what was going on in DC at the time,” says guitarist-singer Jason Simon. “We all came up in the punk-rock scene with Fugazi and the Dischord label there. That was all great stuff, but you reach a point when there’s just so many bands doing that. We wanted to get back to what we loved when we were 13 or 14, classic heavy stuff that just blew our minds and took you on a *journey*.”

Always looking to the past to go *way* forward, the band (which includes Stephen McCarty on drums and Steve Kille on bass and sitar) took its cues from hairy old Led Zep, Sabbath, Deep Purple, Iron Butterfly and all that, dishing out distinctly dirty, nasty, slamming swirls of brain-squashing, thick-ass-fuzzy rifferini and Eastern-mode droning 12-string blues that evoke the arcane rituals of an obscure Upper Volta tribe converting to Druidism down in deepest, darkest Papua, New Guinea. In

other words, if it’s a psychedelic atmosphere you crave, Dead Meadow’s lushly langorous, hashy haze will surely float your little mind.

The band’s *Three Kings* CD/DVD (Xemu) includes live recordings plus a few new studio songs, and it interpolates the action with a very trippy film that tells a kind of Lynchian/Jodorowskian fantasy that, as you might expect, is seriously open to interpretation. Much like the band itself, which doesn’t mind being called “psychedelic” as long as the term is used correctly.

“We just try to make stuff that we would enjoy and that gets us excited,” Simon opines. “It’s really cool that the shows seem to pull a pretty eclectic group of people out—people coming from the heavy stoner-rock scene, people from more indie-rock worlds, from the ‘70s scene ... just record collectors coming out from the basement.”

The LA-based band has evolved only slightly from the gargantuan walls of distorted riff ‘n’ sludge and swirling atmospheric effects of their initial releases, yet DM’s newfound melodic splendor and painterly poise still comes complete with a taut muscularity that slaps the band’s dreamily droll tales of fantasy wide awake. Dead Meadow

build their castles in the air *and* on the ground, preaching the word via one consistently intense stash of non-brain-damaged head medicine.

Dead Meadow are a *genuinely* psychedelic band, you might say.

“I can dig that, definitely,” Simon agrees. “Anything that has a lot of levels to it is probably good to get stoned to, you know? I’ve smoked a lot of weed over the years, so I feel like that’s just a part of getting our kind of musical feel ... or getting into things that I would definitely appreciate in a stoned sort of mind. I was definitely high last time we left California on tour, and it was so nice not to be concerned about whether I’m gonna be arrested for having pot on me. It just seems so insane to me that everywhere isn’t like California, where it’s: ‘What’s the big deal?’ I can’t wait for this country to catch up with what the people want and how things should be.”

So where are Dead Meadow going, and what will they find when they get there?

Simon says, “We’re just keeping on, man. It’s all just a journey, like: ‘Oh! We’re getting close to something.’ I guess if you ever get there, you just stop. I don’t know if you ever *want* to get there.” ✨

# The MotherShip has landed.

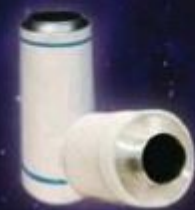
## The MotherShip

At 540w, the Mothership is the brightest star in our product galaxy. Covering a 7' x 7' space, this revolutionary light will outperform even the brightest 1000w HID lights while producing minimal heat. Seven angled L.E.D panels ensure the light reaches the furthest corners of your garden, and six balanced spectrums of Red and Blue light are fully adjustable for Grow and Bloom cycles.

Available for only \$2199.<sup>99</sup>

## The L.E.D UFO

The LED UFO is a 90w LED light that will cover a 3' x 3' grow space, and is now fully adjustable in spectrum. No heat, low power draw and easy setup make the L.E.D UFO the ideal grow light for any gardener. Available for only \$499.<sup>99</sup>



### Carbon Filters

4" intake, 8lbs of carbon \$50.<sup>00</sup>

6" intake, 25lbs of carbon \$100.<sup>00</sup>

**400<sub>w</sub> Complete Digital Systems**

from only \$159.<sup>99</sup>

**600<sub>w</sub> Complete Digital Systems**

from only \$229.<sup>99</sup>

**1000<sub>w</sub> Complete Digital Systems**

from only \$349.<sup>95</sup>



*We have everything you can possibly imagine!  
Give us a call or visit us online!*




*We ship discreetly in brand-new, plain brown paper boxes.*



HID Hut's innovative MotherShip

## The SuperNova

The SuperNova is built on the same principles as the Mothership, but consumes 270w and covers a 5' x 5' space. The Supernova will outperform 600w HID lights and produces virtually no heat. Includes angled L.E.D panels for complete coverage. Available for \$1199.<sup>99</sup>

Winner of the 2009 High Times Stash Award 




### 1500ppm Carbon Dioxide Meter and Controller

Plug and play CO<sub>2</sub> emission, controls any regulator or generator. \$249.<sup>99</sup>



web: [www.HIDHut.com](http://www.HIDHut.com)  
telephone: 1.866.678.8565

HELPING YOU GROW IS OUR BUSINESS. 



Ken Boothe (center) in his natural state, hanging out at home with his brethren.

# EVERYTHING I OWN An afternoon with rocksteady legend Ken Boothe. By Chris Simunek

I wasn't in Ken Boothe's presence for more than five minutes before I came to the conclusion that he was one of the coolest guys ever. For starters, he was dressed like a star, wearing a white silk shirt covered with a blue and gold pattern, black silk pants and white leather loafers. His clothes actually matched his house—a mansion, really—which was painted blue and white right down to the alternating colors of the bricks in his driveway. I suspect it's no coincidence that Boothe's first album, *Mr. Rock Steady*, recorded in 1968 when he was just 17, has one of those great silk-screened Studio One covers and is also blue and white.

Kingston, Jamaica, is a spur-of-the-moment kind of place, so when the offer came up, I jumped at the opportunity to go visit the rocksteady superstar responsible for such classics as "The Train Is Coming," backed by the Wailers, and Ken's biggest hit, his ethereal 1974 rendering of the Bread tune "Everything I Own."

The other thing about Ken is, although he wears his hair short, he is Rasta to the bone. Surrounded by his chalice-smoking brethren ("chalice" being the sacramental Rasta water pipe), I did my best to comprehend the meandering, patois-thick discussion that touched on subjects both mystical and immediate. We talked about Ethiopia's forgotten and oft-stolen contributions to history; about how Emperor Haile Selassie I, when asked about the moon landing in 1969, said that as far as he could see, the Tower of Babel had just been rebuilt; and about how any invention of

man is really an attempt to re-create nature. I asked Ken how he started out in the music business, and he told me how he used to love listening to his mother singing gospel songs while she was doing the laundry, and of the time he heard Stranger Cole singing one day while he was walking through Trench Town, and how it was really Stranger who gave him his start and introduced him to Duke Reid, the producer.

Ken's house is a bit like a rocksteady Grace-land, with framed photos on the walls and awards on the shelves polished to a shine. He took us for a tour, pointing out a picture of him with the Skatalites on their first trip to England in the '60s, various letters from former prime ministers like Norman Manley, Edward Seaga and P.J. Patterson congratulating him on receiving the Jamaican Order of Distinction, and a plaque declaring him "The World's Greatest Grandfather."

Ken's carport is dedicated to Emperor Haile Selassie I, with photos of Jah on his throne in flowing robes and crown next to his queen. Ken stressed the importance of the queen in the emperor's life, "because a man who walks with a woman and falls, there will be someone there to pick him up, but a man who falls alone, people will just pass him by." Not that Jah fell a lot, but you have to figure that Ken Boothe—the "voice of choice," who made his name singing love songs in a plaintive, pleading style—is going to see the romantic angle in everything.

Ken pointed to a framed speech on the wall and

asked me if I knew who Willie Lynch was. I didn't, but Lynch had apparently given this speech in Virginia back in the slave days, when he advised his listeners that the best way to control slaves was not through violence, but by pitting them against one another. "Willie Lynch was one of the wickedest men who ever lived," Ken said, "because he taught how to enslave the black man without whips and chains. He taught them the secret of enslaving the black man's mind—arguing that if you beat a man, he doesn't want to work, but if you enslave his mind, he'll work all day and be happy about it."

When the tour was finished, a group of us sat in Ken's living room smoking herb. For all the comforts of his magnificent home, Ken dwelled upon the importance of keeping one's ego in check.

"I love clothes, right? I love to tidy," he said. "Clothes is not all—you have to have a structure to put clothes on. Some man, he sing and he's big, he have attitude—sometimes he has to realize that he's just a man. Because there are a lot of entertainers that I really fell for ... spiritually, you know? But they don't realize that death can come to any man. They're so much into themselves—like a god, like they superior. And then you hear about in the paper: him passed away. You're going like, 'No, it can't happen to you.' So when you see a man with a lot of things, him just like you, him have to go to toilet in the morning, rich or poor—that's why I pray. So we need to pray and ask God if we can resist that. We is only human. We're only human! We're only human." ✨



Best Seeds Bank Expocannabis 2007

# Sweet Seeds®

## Feminised Seeds Collection 2011



Best Seeds Bank Spannabis 2008

### Big Devil #2



First evolution of the Big Devil genetics. Feminised and autoflowering strain of long height, as an answer to the demand of our clients that asked for autoflowering with a stronger beating we have chosen this genetics that reach from 1 to 1.5 metres. More productive and more aromatic than its predecessor, resinous and compact buds with many lateral branches. Sweet and incised aromas with shades of Skunk.

Autoflowering: 100%  
Indoor Blooming: 6 weeks  
Indoor/Outdoor Harvest: 9 weeks from the germination.  
Height: 100-150 cm.

| Version #2  | Version #1    |
|-------------|---------------|
| 3seeds 25€  | 3seeds 19,90€ |
| 5seeds 42€  | 5seeds 33€    |
| 10seeds 84€ | 10seeds 66€   |

**Lower Prices!**

**2nd Generation**

### Fast Bud #2



First evolution of the Fast Bud genetics. Autoflowering strain of good yield with big buds with plenty aromatic resin. New strain more productive and aromatic. It produces very strong and plenty lateral branches, that reach a height between 40 and 90 cm. Strong effect and sweet aromas with exotic shades coming from its Diesel legacy. Autoflowering of very fast flowering.

Autoflowering: 100%  
Indoor blooming: 5 weeks  
Indoor/Outdoor Harvest: 7 and half weeks from germination.  
Height: 40 - 90 cm.

| Version #2    | Version #1     |
|---------------|----------------|
| 3seeds 19,50€ | 3seeds 14,90€  |
| 5seeds 32,50€ | 5seeds 24,80€  |
| 10seeds 65€   | 10seeds 49,60€ |

**Lower Prices!**

### Speed Devil #2



First evolution of the genetics of Speed Devil, developed during the 2009-2010 season. In this version of the Speed Devil, has been increased the average size of the plants that reach around 70-80 cm. In this version we also find a bigger formation of se in crystals with an aroma much more intense, sweet and musk with flavors that remind to yeast and cheese.

Autoflowering: 100%  
Indoor blooming: 5 weeks  
Indoor/Outdoor Harvest: 2 months from germination.  
Height: 70 - 80 cm.

| Version #2  | Version #1    |
|-------------|---------------|
| 3seeds 24€  | 3seeds 17,50€ |
| 5seeds 40€  | 5seeds 29€    |
| 10seeds 80€ | 10seeds 58€   |

**Lower Prices!**

## More aromatic and more productive!

### Cream Caramel




Autoflowering: 100%.  
Indoor-Blooming: 5 weeks  
Indoor / Outdoor-Harvest: 8 weeks from the germination.  
Height: 40-90cm.

**AUTO**

3 seeds 20€ / 5 seeds 33€ / 10 seeds 66€

### S.A.D. S.1

Sweet Afgani Delicious




Autoflowering: 100%.  
Indoor-Blooming: 5 weeks.  
Indoor / Outdoor-Harvest: 8 weeks from the germination.  
Height: 40-90cm.

**AUTO**

3 seeds 22€ / 5 seeds 36,50€ / 10 seeds 73€

### Black Jack



Autoflowering: 100%.  
Indoor-Blooming: 6 weeks  
Indoor / Outdoor-Harvest: 9 weeks from the germination.  
Height: 40-110cm.

**AUTO**

3 seeds 24€ / 5 seeds 40€ / 10 seeds 80€

**New Strains 2011!** New autoflowering strains of three of the first strains of the Sweet Seeds' catalogue. Result of the cross breeding of our best autoflowering strains with Sweet Seeds' genetics. This super-autoflowering are a big jump in quality compared to the autoflowering that can be found today in the market. Autoflowering strains of superior quality, with big production of resin, intense and diverse aromas, quick flowering, strong effect and big hybrid energy. Plants every time further than it's Ruderalis ancestors and more close to the modern polihbrids. The revolution of the autoflowering has come, at the end of the flowering this plants reach the same resin and tasty aspect than her non-autoflowering sisters.

### Cream Caramel

Blue Black  
Maple Leaf Indica  
White Rhino.

Indica/Sativa: 90%-10%.  
Indoor Blooming: 8-9 weeks.  
Outdoor Harvest: End of September, beginning of October.

3 u 24€ / 5 u 40€ / 10 u 80€

### Black Jack

Black Domina  
x  
Jack Herer.

Indica/Sativa: 50%-50%.  
Indoor Blooming: 9 weeks.  
Outdoor Harvest: Beginning of October.

3 u 19,50€ / 5 u 32,50€ / 10 u 65€

### S.A.D. S.1

Sweet Afgani Delicious

Black Domina  
Self-Pollination

Indica/Sativa: 90%-10%.  
Indoor Blooming: 8-9 weeks.  
Outdoor Harvest: End of September.

3 u 18,50€ / 5 u 30,50€ / 10 u 61€

### Jack 47

Jack Herer  
x  
AK 47

Indica/Sativa: 25%-75%.  
Indoor Blooming: 9 and a half weeks.  
Outdoor Harvest: End of October.

3 u 33€ / 5 u 55€ / 10 u 110€

### Ice Cool

NYD  
x  
Nafarroa Diesel

Indica/Sativa: 40%-60%.  
Indoor Blooming: 9 weeks.  
Outdoor Harvest: End of September.

3 u 29,30€ / 5 u 48,80€ / 10 u 97,50€

### Green Poison

Secrets Ingredients

Indica/Sativa: 70%-30%.  
Indoor Blooming: 7 weeks.  
Outdoor Harvest: Mid to late September.

3 u 22,50€ / 5 u 37,50€ / 10 u 75€

### Collector Edition

C.Pack #1 ..... 38€  
S.A.D · Black Jack · Psicodelicia

C.Pack #2 **New!** ..... 40€  
Cream Caramel · S.A.D. · Sweet Tai

C.Pack #3 **New!** ..... 42€  
Mohan Ram · Cream Caramel · Double White

C.Pack #4 ..... 51€  
Jack 47 · Wild Rose · Green Poison

Autoflowering Pack #1 ... 35€  
Big Devil · Fast Bud · Speed Devil

6 Seeds properly labeled.  
(2 seeds for variety)



### Snow Fruit

Strain with a very medicinal effect, fresh aroma, mint and almond.

Indica/Sativa: 90%-10%.  
Indoor Blooming: 8 weeks.  
Outdoor Harvest: End of September.

3 seeds 24,90€ / 5 seeds 41,50€ / 10 seeds 83€



### Sweet Cheese

Revolutionary flavor with shades of mature cheese and hot.

Indica/Sativa: 30%-70%.  
Indoor Blooming: 9 weeks.  
Outdoor Harvest: Mid-late October.

3 seeds 29,70€ / 5 seeds 49,50€ / 10 seeds 99€



### Double White

Easy to grow, high production and powerful effect.

Indica/Sativa: 60%-40%.  
Indoor Blooming: 9 weeks.  
Outdoor Harvest: Mid-late October.

3 seeds 19,50€ / 5 seeds 32,50€ / 10 seeds 65€

Sweet Tai  3 seeds 17,50€ / 5 seeds 29€ / 10 seeds 58€

Psicodelicia 3 seeds 19,50€ / 5 seeds 32,50€ / 10 seeds 65€

Wild Rose  3 seeds 21€ / 5 seeds 35€ / 10 seeds 70€

Ganesh Spirit 3 seeds 21€ / 5 seeds 35€ / 10 seeds 70€

Flash Back #2 3 seeds 19,50€ / 5 seeds 32,50€ / 10 seeds 65€

Botafumeiros 3 seeds 26,50€ / 5 seeds 44€ / 10 seeds 88€

Mohan Ram 3 seeds 20€ / 5 seeds 33€ / 10 seeds 66€

\*You can find more information in our Website

**News!**

C.Pack #5 ..... 49€

Sweet Cheese · Snow Fruit  
Black Jack

**New Strain Coming Soon!**

## Cream 47

3 seeds 28,50€ / 5 seeds 47,50€ / 10seeds 95€

[www.sweetseeds.es](http://www.sweetseeds.es)

**Please Note!** Sweet Seeds does not send seeds to the USA. For more Info Contact:  
 · The Attitude Seedbank at 0044 1473 7246 98 / 011 44 1473 7246 98 ([www.cannabis-seeds-bank.co.uk](http://www.cannabis-seeds-bank.co.uk))  
 The Single Seed Centre at [www.worldwide-marijuana-seeds.com](http://www.worldwide-marijuana-seeds.com) · EveryoneDoesIT at [www.everyonedoesit.com](http://www.everyonedoesit.com)  
 C/ Dr. Nicasio Benlloch nº36-38 · 46015 · In front of New Mestalla · Valencia · Espana · +34 963 890 403 · Fax +34 962 055 885  
 ACQUISITION OF LIVE CANNABIS SEEDS IS ILLEGAL IN THE UNITED STATES / PAYABLE IN US DOLLARS FROM ANYWHERE IN THE WORLD.

## HEART OF DARKNESS

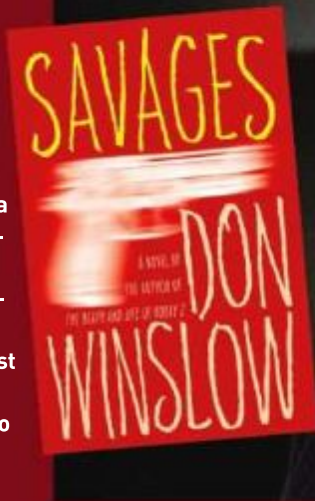
Savages  
Don Winslow

(Simon &amp; Schuster)



When California voters failed to pass Proposition 19 this past November, which would have legalized marijuana for all adults over 21, presumably nobody applauded those results louder than the Mexican drug cartels. As primary exporters of the low-grade "Mexi-schwag" that's still the low-cost cannabis of choice for many Americans, the cartels reportedly earn up to 40 percent of their profits from the black-market marijuana trade—and as anyone who lives along the border (on either side) knows, those guys remain deadly serious about protecting their market share.

In his gripping, fast-paced but also deeply insightful novel, *Savages*, veteran crime noir author Don Winslow finds these same cartels in the midst of expanding their role as suppliers by muscling into the distribution chain, in this case in Southern California. After carefully



Author Don Winslow investigates the dark side of the marijuana industry.



studying the methods employed by Uncle Sam's top corporate capitalists, the cartels' business advisors realize that "vertical integration" of the industry is essential for improving their bottom line, and so they determine to start dealing as well.

True to its name, the novel never stops asking who are the *real savages*: these murderous criminal gangs, or the Wall Street tycoons they've learned to imitate? Meanwhile, long-time friends and business partners Ben and Chon concentrate on producing the highest-quality hydro in SoCal and keeping out of trouble, until word of mouth about their legendary strains reaches all the way to the Baja cartel. What results is

a showdown between small-time growers and big-time killers so cinematic that Oliver Stone bought the rights to the book before it was even published. Winslow and Stone have already begun collaborating on the screenplay, but why wait for the movie? This is one savage journey worth taking right now.—David Bienenstock

## Wire

Red Barked Tree

(Pink Flag)



Hardcore purist fans of veteran art-punk kingpins Wire harp on about how the band's first album, *Pink Flag*, a 21-song suite of raw aggression and a simultaneous oddly cool detachment, is the only *real* Wire album that anyone needs to hear. But Wire's core quartet of guitarist/singer Colin Newman, bassist/singer Graham Lewis, guitarist/noisemaker Bruce Gilbert and drummer Robert Grey (a.k.a. Robert Gotobed) changed direction following *Pink Flag's* release, departing from punk's rigid format in favor of complexly structured and synth-effect-laden explorations that, while turning off the leather-jacket-and-mohawk set, almost single-handedly created the "post-punk" genre. The band has evolved in stages ever since, disbanding and regrouping sporadically to issue records further exploring electronics and a rock-bound sound-art or, as in their most recent phase, a brutal guitar/bass/drums minimalism.

Wire's new *Red Barked Tree* dovetails neatly with the varied range of their early punkish-unto-arty endeavors, while pulling back from the violence of their last three albums. There's a wispy, gazing-grimly-at-the-setting-sun vibe to this new Wire mode: Punky pop tunes are juxtaposed with more ominous and artily veneered shades of song, such as the opening "Please Take" ("Please take your knife out of my back," Lewis sings calmly), whose (un)easy mid-tempo singsong guitar riffing rides Grey/Gotobed's classically simple drum thwack.

The album alternates between implied aggressive head-slaps and a sweetly melodic sourness. The title track finale is longish and just choo-choos on through the forest; it sounds like a misty day, and it's a train ride to who knows where?—John Payne



## Trophy Scars

Darkness, Oh Hell

(self-released)



Morristown, NJ's Trophy Scars have been in the trenches for eight years now, and during that time they've evolved from standard-issue screamo band to something of a post-hardcore Queen. *Darkness, Oh Hell*, their sixth release, finds the band mining influences ranging from Tom Waits (especially in the vocals and lyrics) to early Blood Brothers to skronking jazz. The EP takes its theme from *Twin Peaks*, David Lynch's groundbreaking television series of the early 1990s, and is startlingly evocative.

The opening track, "Sauvez-Moi de L'Enfer," with its haunting female vocals, sets the melancholy mood. Faintly, in the background, the screams that marked the band's earlier work can be heard ... and that's the last you'll hear them on this album, as lead singer Jerry Jones shifts between a menacing croon and a guttural, Waitsian growl. The bluesy stomp of the title track, "Darkness," showcases both voices nicely. "Trazadone" starts sweetly, but soon finds the band veering into Converge territory with some particularly nice guitar work. "Sad Stanley" conjures the tumbleweed-strewn streets of the Old West with its mournful, harmonica-heavy intro, and the closer, "Time in Heaven, Forever in Hell," finds the drummer proving his mettle with some insane, mathy time signatures that support a sweeping guitar-and-piano lament.

The musicianship, arrangements and production on this EP are flawless. The only real problem with Trophy Scars' latest release is that the band is more mature than I am: I keep going back to listen to the vanishing scream.—Polly Watson



## Bob Marley and the Wailers

Live Forever

(Tuff Gong/Ume)



You wouldn't know it from listening to the life force that is Bob Marley on this two-CD set, but he was dying the night it was recorded. The gig at the Stanley Theater in Pittsburgh on September 23, 1980, was destined to be Marley's last; he'd depart from this realm the following May. Diagnosed with cancer in 1977, Marley had collapsed while jogging two days earlier, but in stoic showbiz tradition (perhaps the *only* part of such tradition the reggae star honored), he insisted that the show at the Stanley must go on, both for his ticket-bearing fans and his band in need of the payday.

Here's Bob's last waltz, exhorting the crowd to "emancipate from mental slavery" in a stark, solo-acoustic "Redemption Song." His bullshit detector is clearly missing no batteries when he calls out "Here comes the con man" in "Crazy Baldhead." And when he scats maniacally in the same tune like a dreadlocked Ella Fitzgerald, one wonders how a man so on top of his game could be so close to checkout time.

In "Coming In From the Cold," Marley displays his open-hearted faith in Jah and human beings—the latter the same species who gifted him with a would-be assassin's bullet in '76. This tough-skinned optimism contrasted with the bleatings *du jour* of the Blank Generation, for whom alienation was a fashion accessory. There are many reasons that Bob Marley still matters, not least of which was his belief that universal love would eventually lead us out of Babylon.—Michael Simmons



# HOSS Glass



From classic styles to the newest and wildest designs, HOSS Glass is producing some of the most amazing pipes you've ever seen, in thick 7mm or ultra-thick 9mm glass. Choose from an amazing selection of one-piece complete pipes, or build your own masterpiece using the HOSS Glass U-Build system of incredible bases, percolating units, freezer coolers, ash catchers, slides and bowls.



What do these two great brands have in common?  
Impeccable quality, and they're available from B.O.B. HQ!

## North American Hemp Co.

*A new and amazing ALL NATURAL body care line made in Canada with Certified Organic hemp seed oil.*

Shampoo • Conditioner • Hair Serum  
Deep Treatment Oil • Body Lotion  
Face Wash • Anti-Aging Facial Lotion  
Line Lifting Face Cream • Lip Balms



Ask your local retailer for Hoss Glass and North American Hemp Co. products! Wholesale inquiries please contact:

## B.O.B. HEADQUARTERS

(204) 728-7470 • [www.bobhq.com](http://www.bobhq.com)

Brandon, MB • Saskatoon, SK • Lethbridge, AB

Call us today to order our Smoking and Giftware wholesale catalogs.

Increase your sales profit **NOW**



**VAPING** is the new smoking

HV electronic cigarettes are the portable way to enjoy the taste of shisha without burning tobacco.

Our pre-filled cartridges and homemade liquids come in a variety of tasty flavors with or without nicotine.



**NEW!!**  
THE BOMBSHELL

**CONTACT US TODAY.**

**hotvapes.com**

773.719.3718

tim@hotvapes.com

brain damage control

## SERIOUS SILLINESS

Who would you rather offend? God or Glenn Beck? By Paul Krassner

Father Guido Sarducci, Glenn Beck, and Stephen Colbert create laughter in different ways.



Abbie Hoffman was one of the funniest individuals I ever met, but he was also one of the best organizers I've known—and, in fact, his charisma was fueled by his wit. However, even though we were close friends, there came a time when Abbie seriously chastised me.

"You're not a leader," he yelled, "you're a fuckin' social gadfly! You're not an organizer. You don't urge people to do things. You never make demands. That's what organizing is!"

"Hey, Abbie, you're right—but I never said I was a leader. I can't even organize my own fuckin' desk."

And now, over four decades later, the "Rally to Restore Sanity and Keep Fear Alive" revealed that Jon Stewart, like me, doesn't feel that it's his role to urge people what to do. He trusts them to make up their own minds.

Unlike Glenn Beck, who discouraged followers from bringing signs to his rally—wishing them to appear either respectable or good spellers—there were posters galore at the Sanity/Fear rally instigated by Stewart and his Comedy Central cohort, Stephen Colbert. Here are a few of my favorites: "Lemmings for Palin." "There's been so much teabagging going on, I almost wish I had a scrotum." "Think outside the Fox." "I masturbate and I vote." "Bedbugs for Fear." "7-11 was an inside job." "I believe in the separation of corporation and state." "Can't we all just smoke a bong?" "Legalize Pot." "Legalize Conan."

The *Washington Post* posed a rhetorical question: "Would visiting progressives of all ages actually take political marching orders from comedians?" But the only thing Stewart asked the audience to do was "no littering," explaining: "This Mall is a national icon."

However, Tony Bennett did utter a one-word command ("Vote!") as if it were the coda to his rendition of "America the Beautiful," which includes the lyric "God shed His grace on thee." But that was about as pious as things got—as

opposed to Beck's "Restoring Honor" rally, where the religious sanctimony was rampant.

At the Stewart/Colbert rally, Don Novello, playing his original *Saturday Night Live* character Father Guido Sarducci, delivered a satirical benediction. "What is the right religion?" he implored God. "When I come to the right one, give me a sign—swans fly by, use Your imagination .... Methodist? [Audience cheers] Cheering is not the sign. Episcopalian? Baptist? Roman Catholic? Any kind of Christian religion? Judaism? Islam? Both don't eat the same meat, but they don't get along—what's with that? Don't you think somebody could say to them, 'They don't eat pork, you don't eat pork—let's build on that ...'"

As Novello later told me, "I thought it was interesting: With my thing where I tried to hit all the religions, like this little message from God, I had in there the Mormons—you know, it was kind of touchy with Jews and Arabs, so I thought a clever way into it was, I'd say 'Mormonism,' and then I'd say, 'Okay, now's the time to send in the seagulls' ... but if seagulls suddenly appeared, probably some people would say, 'We're so close to the ocean, they just came from Baltimore, it's no big sign.'

"So I'd say, 'Maybe a better sign would be to send Canadian geese. Or Canadian bacon.' People would say, 'It's bacon! Bacon!' Okay, no geese, no bacon. Speaking of no bacon—Islam. And then: Judaism. And then the line, 'They don't eat the same meat, why don't they get along? Can't we build on that?'"

"But they didn't want me to do the Mormon thing. Colbert said, 'Glenn Beck is a Mormon'—like they didn't want to offend *Glenn Beck*, he's a Mormon! I mean, the pope is Catholic, right? So that's how sensitive they were to not offend someone. I was impressed."

Needless to say, however, I wasn't quite as impressed by Colbert's little display of fear. ✨





# Haze Automatic: Best Automatic Ever

+INFO & PHOTOS:

[www.dinafem.org](http://www.dinafem.org)

We don't deliver to the USA. All orders paid with credit card will be refunded.

[info@dinafem.org](mailto:info@dinafem.org)

TEL **0034** 943 00 52 13

FAX **0034** 943 02 11 16





**HIGH TIMES UNSIGNED BAND OF THE MONTH**  
**THE WHISPERING TREE**

Over the past six years, classically trained vocalist Eleanor Kleiner and French bassist Elie Brangbour have traveled the world on an adventure that began when the two met at the London Center of Contemporary Music in 2004.

Full of imagery and stories of the human condition, the Whispering Tree's songwriting is the backbone of their sound and has been heavily influenced by their travels abroad, which have taken them from South America to China.

It was during a solo trip to South America that Kleiner took part in an ancient, indigenous ritual and came up with the name, which represents strength and truth—two qualities omnipresent in their music.

How fitting, then, that after all their travels, the Whispering Tree have found a permanent home in New York City, taking root in Astoria, Queens, a neighborhood as ethnically diverse as it comes. Perhaps it's the way they've so subtly woven their international influence and classical training into their sound, at once distinct and honest, that makes them stand out amidst the other sounds of the city—and the world.

Earlier this spring, the Whispering Tree released their debut full-length album, *Go Call the Captain*, on Modern Vintage Recordings. For more information, audio samples and tour dates, check out [hightimes.com/thewhisperingtree](http://hightimes.com/thewhisperingtree).

**MISS APRIL**  
**NAME:** Shoshana **AGE:** 21  
**PROFILE:** 420fairy  
**OCCUPATION:** Student  
**CITY:** Beit-Shemesh, Israel

**TO ENTER OR VOTE FOR YOUR FAVORITES GO TO**  
**MISSHIGHTIMES.COM**  
**YOU MUST BE 18 YEARS OR OLDER TO ENTER**

**MY CUP RUNNETH OVER**

For the past 15 Novembers now, I've spent Thanksgiving not at home eating turkey with my family, like most people, but 3,600 miles away in a foreign country inhaling insane amounts of THC. But in all

those years, I've come to learn that the Cannabis Cup is about so much more than just weed and hash: It's about the adventure of exploring a vibrant, romantic city with a rich history and thriving nightlife. It's about the feeling of freedom and empowerment that you get from proudly ordering your herb from a menu at a counter instead of via some clandestine, coded conversation and reticent rendezvous. And most of all, it's about the relationships we forge with friends, fans and fellow stoners who either live and work in Amsterdam, or join us time and time again in our annual pilgrimage to the world's biggest and best pot party.

Stoners like Carl and Vicki Shaw, who after getting engaged on the floor of the Expo at 4:20 last year, returned again this November on their honeymoon. Of course, they weren't the only cannabis couple who became affianced last year; I also popped the question to my girl Vegas at the 22nd Cannabis Cup. This year, CS Travelers Joey and Karen got engaged at Amsterdam's famous Skinny Bridge, and our West Coast editor, Dave Bienenstock, proposed to fellow HT-er Elise McDonough next to the fountain in front of the American Hotel—the same place they'd shared their first kiss back in 2005.

There are also fans like Anthony "Mojo Man" Van Den Berg, who loves the Cannabis Cup so much that he had his entire arm tattooed with images of weed, logos of HIGH TIMES and his favorite coffeeshops—even a picture of yours truly smoking a joint! This year, Mojo Man graciously volunteered to chaperone a medical-marijuana patient (and first-time Cupgoer) named Matthew whom he'd never met, and who was nervous about coming on his own—a perfect demonstration of true stonerhood.

And then there are people like Sutton, a woman who came to the Cup for the first time this November for a very special reason. It seems that attending the Cup was a longtime dream of her college-age son, Keegan. He and his brother had already bought their judges' passes, but a few months later, Keegan suddenly and inexplicably died in his sleep. Heartbroken, Sutton decided that the best way to honor her son's memory would be to come in his place. This woman was no hip-



Left: Mojo Man's completed tattoo (2010); Below: Me and Mojo Man at Green House last November; Bottom: Newlyweds Vicki and Carl.



pie or pothead—in fact, she'd never smoked marijuana before in her life—but she felt she owed it to Keegan to see why

he'd wanted to come so badly. So, accompanied by her other son and his girlfriend, and with Keegan's ashes in her bag, Sutton had traveled to Amsterdam.

The HT staff was very moved by her story—so much so that we invited them all backstage, and I offered to say a few words about Keegan onstage at the Expo. So on Wednesday afternoon, after my "So You Wanna be in HIGH TIMES?" seminar and Miss HIGH TIMES interviews, I ended my time onstage by bringing Sutton up to tell her story.

"Being here, seeing how things are at this event and meeting all of you, I understand now why he wanted to come here," she said. "Thank you all for being so kind and welcoming!"

Then, right there onstage at the Expo, Sutton smoked her very first joint with me. Afterward, she hugged and thanked me, and her son welled up with emotion as I shook his hand. And another gentleman sitting in the back of the room reacted so emotionally to their story that he felt compelled to come over and tell me about himself and his own daughter, who were attending the Cup together for the very first time.

Regardless of what bands perform, what strains we smoke, or what coffeeshops and seed companies take home the trophies, the Cannabis Cup is always an amazing experience—a unique chance to interact with the cannabis community, to make new friends and reminisce with old ones. So I think it only appropriate that I take this opportunity to give thanks to the extended HIGH TIMES family—all of the people who, year in and year out, give it their all to make the Cup one of the coolest events on the planet. Without you, there'd be no Cannabis Cup.

See you next November. ✨

# Free Seeds with EVERY\* order!



**DISCREET**  
BILLING & PACKAGING

We offer both *single seeds* and full *packs of ten*, allowing you to create your perfect grow room.

*Single seeds* are dispatched with a portion of the original product carton. Seeds are despatched stealthily from Great Britain and you are billed discreetly. We will replace your seeds if they do not reach you, whatever the reason!

**GUARANTEED**  
NO BULL SHIPPING

## Top 10 Bestsellers

Green House  
**Super Lemon Haze**  
FEM **\$12.34**

Green House  
**Big Bang**  
FEM **\$4.74**

Barney's Farm  
**LSD**  
FEM **\$11.82**

Nirvana  
**White Widow**  
REG **\$3.06**

Joint Doctor  
**Easy Ryder**  
FEM **\$17.29**

Joint Doctor  
**Diesel Ryder**  
REG **\$8.64**

Dutch Passion  
**Blueberry**  
REG **\$9.85**

World of Seeds  
**Afghan Kush**  
FEM **\$12.50**

Barney's Farm  
**Pineapple Chunk**  
FEM **\$10.90**

Lowlife  
**Automatic Blueberry**  
FEM **\$8.95**

[www.worldwide-marijuana-seeds.com](http://www.worldwide-marijuana-seeds.com)



Seeds  
from  
**\$1.99**  
/Seed

Prices correct at time of publication

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

# TestNegative.com

People that use Clear Choice keep their jobs!

## ClearChoice®

TRUSTED SINCE 1993

**AUTHORIZED DEALER**

### Incognito Belt™

GO UNNOTICED - UNDETECTED!



- 100% Effective
- Works for All Tests
- Totally Undetectable
- Highest Quality Toxin Free Synthetic Urine
- No Mixing Required
- Ideal Heat Source - Heat Pads included
- Unisex - Male or Female Use
- 200% Double Your Money Back Guarantee

**\$125<sup>ea</sup> Buy 3 get 1 Free**

### SPIKE™

ADDITIVE



- World's Smallest, Most Potent, Undetectable Urine Purifier ever Created!
- The Solution for Random EMIT Test or Test Panel Testing
- Formulated to Destroy ALL Toxins on Contact
- Simple to Use - Just Pour into Sample
- 1.5mL Micro Vial - Ultra Small & Easy to Conceal
- Good for Up to Two Tests
- 200% DOUBLE Your Money Back Guarantee

**\$125<sup>ea</sup> Buy 3 get 1 Free**



### HFS™

HAIR FOLLICLE SHAMPOO

- Simple Two Step Process
- Removes All Toxins within Minutes
- Clear Zone for Up to 8 hours
- For Any Hair Length
- Safe for the Hair and Scalp
- 200% DOUBLE Your Money Back Guarantee

**\$75<sup>ea</sup> Buy 3 get 1 Free**

**NOW AVAILABLE**

Presenting the NEW Oral Clear™ GUM.



The world's first Saliva Neutralizing Gum. The BEST Saliva solution available.

- Works on all toxins including Nicotine!
- No abstinence period is required prior to using this product.
- Effective in just 30 seconds and effect will last 30 minutes
- 200% Double Your Money Back Guarantee

**\$90<sup>ea</sup> Buy 3 get 1 Free**

HIGH TIMES is a registered trademark of Trans High Corp. and is used with permission.

Call Toll-Free - 24hr Ordering Hotline

**1.866.900.5656 / 1.877.420.7277**

Online Ordering  
**TestNegative.com**



Next Day Delivery Available

\*Valid on web orders only

**HIGH TIMES READERS**  
get \$5 OFF\*

(use coupon code: 5OFF)

**FREE PRIORITY shipping**  
on all orders over \$135\*

Strictly Confidential/ Discreet Shipping



All major credit cards accepted

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

## OFFICIAL WORLDWIDE DISTRIBUTOR



\*Dutch and Spanish Seed Companies

\*Online Credit Cards Accepted

\*Regular and Feminized Seeds

### NEXT GENERATION SEED COMPANY

Avalon  
Bonkers  
Dynamite  
Grapefruit Haze  
Island Sweet Skunk  
Grapegod  
Grapefruit Diesel  
Grapefruit Kush  
Medicine  
Romulan  
Romulan Diesel  
Timewarp  
Afghani Kush  
Lemonator  
NY Purple Diesel  
BC Golden Skunk  
BC Early Blueberry



SECRET VALLEY SEEDS

MORE SEEDS ONLINE:

Brainwarp  
Jamacian Grape  
Purple Pineberry  
Northern Flame  
Top Dollar



Greenlife  
Suite 117  
95 Wilton Road  
Victoria-London  
SW1V 1BZ

**WWW.GREENLIFESEEDS.COM**

## Discount Grow Lights.com

**Where Your Savings Grow**

**888-370-5819**



Grow Lights  
Starting at  
\$149.95

Free Catalog



**Discount Grow Lights.com**

**Grow Lights Hydroponics Organics**

Products not intended for illicit use

EZ 123 5318008

1 oz

1 oz

BARELY LEGAL HERBS

BIBLIS THE HERB WE TRUST



R.W. Seegal

CHIEF HERB

1 oz

1 oz

2123-5318008

HERBAL POTPOURRI

Best Prices Guaranteed

Extremely Potent

Money Back Guarantee

www.BarelyLegalHerbs.com

Ph-602.626.5996



# BREEDING WEED FOR THE CANNABIS CUP

How new seed companies tackle the challenge. By Nico Escondido

For those of you wondering exactly who gets to enter the Cannabis Cup each year, as well as how one might go about doing so as a newcomer to the competition, please allow us this brief explanation.

One of the many goals of the Cup has always been to help proliferate the exquisite cannabis genetics that come from all over the planet to Amsterdam, the Mecca of the cannabis world. Because the contest is a public competition—meaning that anyone from anywhere is welcome to take part simply by buying a judge’s pass—we at HIGH TIMES want to ensure that all of the strain varieties (but especially the winners) are readily available to the public for purchase and cultivation.

Thus, breeders entering the Cup as non-coffeeshop-affiliated contestants compete in the *Sativa* and *Indica* Cups. Some might argue that these two constitute the *real* Cannabis Cup, since they’re not judged by the public, but rather by a panel of expert judges assembled by HIGH TIMES. These two Cups cannot be “bought” by savvy campaigning or expensive marketing (as some have argued is the case with the coffeeshop competition).

At the same time, we here at HIGH TIMES recognize that newcomers and small growers from around the globe want to come and flash their wares and compete in the world’s foremost cannabis competition—and we definitely want to encourage that. We understand that not every breeder has a seed company, nor can they make their special variety readily available to the public overnight. So we have created—quite cleverly, we think—a provision that allows anyone breeding top-quality cannabis to come to Amsterdam and enter the Cup.

This provision is simple and fair: Any breeder coming to the Cannabis Cup wishing to enter may do so for the first time without having a seed company in

place to distribute their genetics. However, there is a grace period of exactly one year in which the entrant must form such a seed company and make his or her genetics available worldwide.

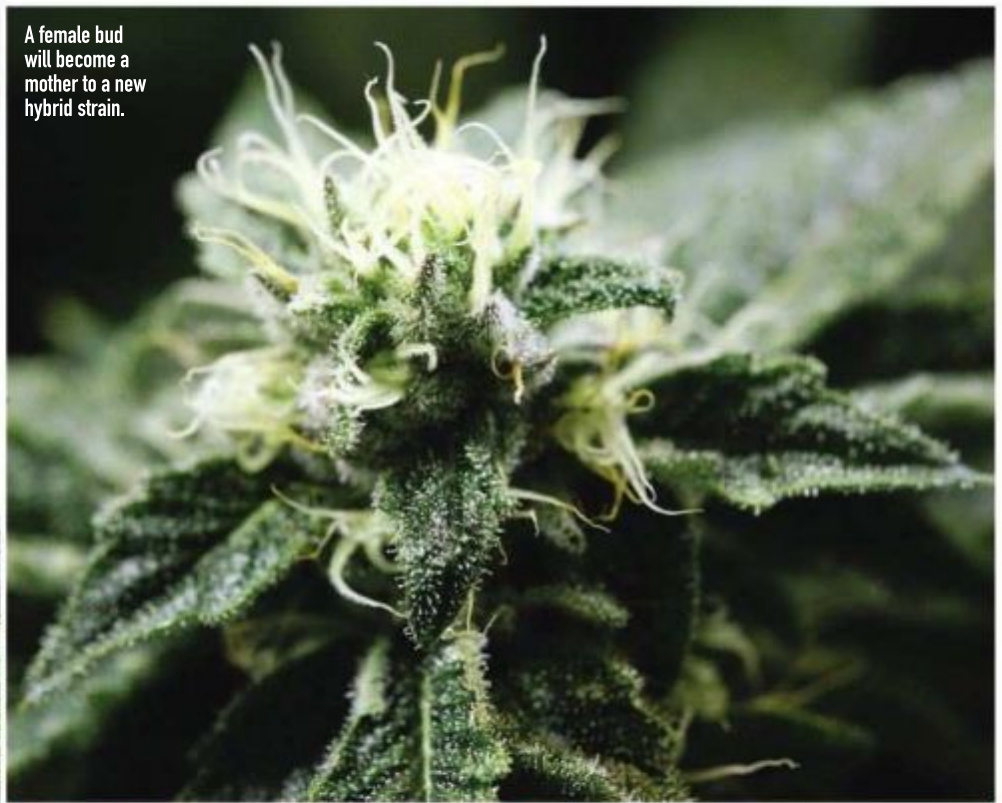
Now, the real problem with this system is, what if the newcomer wins – as has happened as recently as 2009, when HortiLab took home first place in the Sativa Cup? Growers around the world will want those genetics right away, especially the ones that hold high medicinal value and are needed in dispensaries for sick patients. The truth here is that is a real challenge in this process, but realizing that new seed companies are vital to the competition, and in many ways the life blood for the cause behind the Cup, there is no way we can exclude these breeders. Imagine if we had not allowed HortiLab to enter – the world may have been deprived of their excellent genetics forever!

Still, there are solutions. In fact, some of the newcomers who enter the Cup come prepared with a small run of seeds from their most recent batches and have many more on the way, to be made available only a few short months after the Cup ends. Also, setting up a seed company is relatively easy to do in this age of multinational third-party seed distributors, seed-bank shops and, of course, the Internet. Not to mention that, after winning a Cannabis Cup, the last thing in the world a new breeder wants is to *not* be able to defend their title and compete the following year—and to do so means they must be up and running with their own seed company, making their strains readily available to the world, by the time they register for the next Cup, which will happen less than a year later.

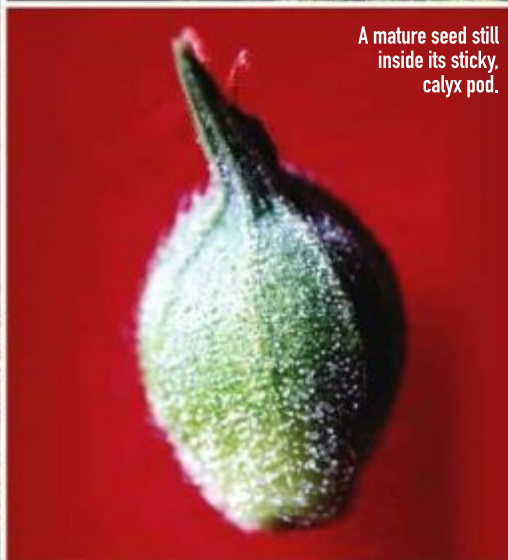
Certainly, it’s not too long a time to wait for some of the world’s most prized cannabis genetics.



Lush growrooms are tucked away in cities worldwide, supplying the Cup with winning weed and seeds.



A female bud will become a mother to a new hybrid strain.



A mature seed still inside its sticky, calyx pod.

## BREEDERS' TERMINOLOGY

### A Quick Reference

**Genotype:** The sum total of all genes from the parents of a given offspring; the complete genetic makeup of an organism in reference to its entire complex of traits.

**Phenotype:** The appearance and characteristics of a plant, which result from the interaction between the genotype and the growing environment.

**Hybrid:** Also known as a "cross," a hybrid is the offspring of two plants with differing genotypes. Hybrids are most often produced through human manipulation rather than nature.

**Mother Plant:** A female plant, grown large and bushy, whose ultimate purpose is to provide cuttings for clone production. Mother plants are kept in a perpetual vegetative state, with cuttings taken daily or weekly that will eventually become exact replicas of that mother plant, to be flowered either for smoking or seed production.

**Male Plant:** A plant that produces pollen. Male cannabis plants are generally taller and grow faster than their female counterparts. When male pollen lands on female flowers, it fertilizes the female plant, which begins to form seeds.

**Hermaphrodite:** A plant that produces both male and female sex organs (flowers and pollen sacs).

**Selfing:** The ability of one plant to produce seeds without being fertilized by another plant. This process takes place in plants that are hermaphroditic and can therefore self-pollinate. This can occur naturally (due to genetics or plant stress), or it can be forced upon plants by breeders via the use of chemical additives.



This male pre-flower will eventually supply the pollen for a new cross.



"Shoreline" from Devil's Harvest.  
A 2011 Cup contender?

### Devil's Harvest: A Closer Look

Last summer, HIGH TIMES reported from Amsterdam (as we do every year) for our Cannabis Cup preview. This is an exciting time when we send our cultivation pros overseas to get a sneak peek at the crops being grown in Amsterdam for the upcoming Cup. Not only do we get to pick up some new tips and tricks from the Dutch masters to pass on to our readers, but we can also assess the operations of our regular Cup contestants and compare them against the new players.

While there's never a shortage of growers wishing to enter the Cannabis Cup, the problem is that sometimes rookie breeders come to the Cup prematurely. Entering the Cup before they've developed their A-game might give breeders a good feel for the Cup and how it's run, but it can also end in disappointment. It's an almost overwhelming endeavor to walk in cold, with no prior experience, and hope to hoist a Cup at the end. At the same time, that initial experience and the connections made in their first year can go a long way toward turning some of these rookies into stars in the future. But others know that it may take years before their strains are truly ready to compete, and so they bide their time and prepare differently rather than rushing in.

It was apparent last summer that Devil's Harvest—poised to enter their first Cup and hoping to make a good run at it—is one seed company with the potential to bloom into a perennial contender. Founded circa 2006, Devil's Harvest is now a two-man operation run by Darragh, from Ireland, and Paul, a homegrown local. Together, they finally pushed Devil's Harvest

to the forefront and into its first-ever Cannabis Cup in 2010.

Their first entry, Kuchi, in the *Indica* Cup category, was a smart combination of OG Kush and Cheese. But the lineage is more genuine than may first appear, as they used the San Fernando Valley (SFV) Kush, the first and most original of the OG lines, crossed with an Exodus Cheese, which can only be found in the UK (and then only in clone form). The result was so spectacular that the guys from Devil's Harvest had to give it a go and see how they stacked up against the world's best. Although they narrowly missed placing this year, they already know—as do those around them—that it's just a matter of time before they pick up a Cup of their own.

Working on a variety of strains, Devil's Harvest puts a new spin on breeding when it comes to flavor, taking classic favorites and pushing them to innovative, sometimes experimental frontiers. Take, for example, their Strawberry Sour Diesel, or one of their newest favorites, Dazey Jones. It's a derivative of the California-born Casey Jones, a Trainwreck x Sour Diesel x Thai. Devil's Harvest took that and crossed it out with their Chemdaze strains, creating the Dazey.

Look for Dazey Jones to make an appearance at the Cup in the near future. In addition, the guys from Devil's Harvest are hoping to enter their version of a more obscure strain known as Shoreline, an "old-school roadkill Skunk," in 2011—as well as what they call John Doe, their Strawberry Sour Diesel crossed with a G-13 female. "We're searching for the real old genes. We will be the strain savers," Darragh proclaims. We're certainly looking forward to it—and to even more newcomers with the same type of passion.





# Hydroplex™

*The Future of Hydroponics*

## the **SPINNER**™

*Minimize your energy consumption while maximizing your yields with The Spinner - the innovative new grow machine that has revolutionized the industry.*

### **360° EXPOSURE**

Each plant automatically rotates, exposing 100% of the plant to the light source

### **FEWER PLANTS = LESS TROUBLE**

The Spinner uses 12 plants per unit, decreasing your power consumption and increasing your yield.

### **ENERGY + SPACE EFFICIENCY**

Spinners stack easily with no extra parts required. Stack Spinners three high in a 3.5' x 3.5' area with a standard ceiling height.

### **QUANTITY + QUALITY**

Record breaking yields at a higher quality than ever before.



***Call Now For  
Wholesale Pricing!***

**BECOME AN AUTHORIZED  
DEALER TODAY!**

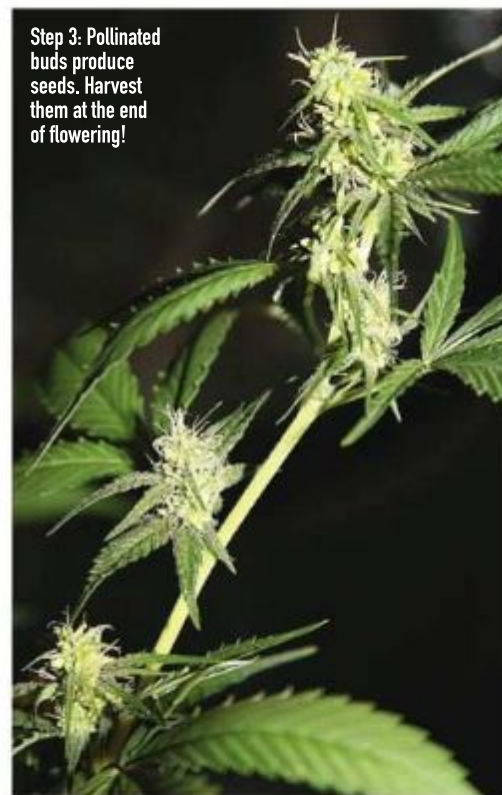
**WWW.HYDROPLEXONLINE.COM • 1-877-906-7746**



**Making seeds, Step 1:**  
Make clones to replicate mother plants.



**Step 2:** Flower clones to receive male pollen.



**Step 3:** Pollinated buds produce seeds. Harvest them at the end of flowering!

## How Seeds Are Made

The most natural (and perhaps easiest) example of breeders creating seeds involves a male and female plant of the exact same genotype. In this optimal scenario, breeders choose a male and female that each possess all of the desired phenotypes they want. In most cases, the breeders are selecting from a large population of plants.

The breeders will first determine what traits (i.e., phenotypes) they want expressed in the offspring, such as color, odor, potency or height. It's important to remember that the phenotypes are simply *how* the characteristics of a given strain (or genotype) are expressed in a particular grow environment. The breeders will then try to match their male and female plants as best they can in the hopes that these traits will be dominantly expressed in the offspring.

At this stage, advanced breeders will use less guesswork and instead employ more proven scientific methods to deduce which traits are dominant versus recessive, thus giving them an idea about what percentage of the offspring will possess each desired trait. Using a mathematical tool known as the Punnett square, breeders can

literally map out the frequency at which these traits will appear in the offspring. To do this successfully, however, breeders will need to have worked extensively with a particular line in a consistent grow environment so that they can identify which traits are dominant and which are recessive in those particular genotypes. This can take several years to accomplish before the real process of selection and breeding even begins.

The selection process itself can take several cycles (i.e., a couple of years) to nail down. During this time, breeders will grow out dozens, if not hundreds, of seeds and closely examine every plant for the desired traits. The longer a breeder has worked with a strain (and thus the more variations they've seen), the better the chances they have at identifying and isolating those plants that are stable and true to the specific phenotype being sought.

It's also important for growers and consumers to understand that in this type of breeding, the offspring will never be 100 percent uniform. There will always be some variation when seeds are created naturally—i.e., using pollen from a male to fertilize a female. Once the

female is chosen, she is grown into a mother plant that can produce cuttings. The only way to ensure 100 percent identical offspring from a given mother is to turn the cuttings into clones. This procedure takes place over an extended period of time that can range anywhere from one month to nearly a year. After about six to eight months, most breeders choose a new mother plant to take clones from. It is possible to turn a clone from one mother into a new mother plant for clones, but doing so over a prolonged period will cause what's known as "genetic drift," whereby the offspring start to lose vigor and the desired phenotypes begin to falter.

Once a breeder has properly selected a stable mother and father plant, the real fun begins. For the plants, this means sex—and plant sex is quite literally the old story of the birds and the bees, except in this case the breeder is the one spreading the pollen from the male to the female. To do this, both the male and female plants must be a few weeks into the flowering stage. Generally, the males will be ready before the females, but once the female is two to three weeks into flowering and has developed tiny buds, she can be pollinated.

There are a number of ways that breeders can pollinate their female plants. Most breeders grow and flower plants of either sex in separate chambers. Once they've reach sexual maturity, the breeder can either manually pollinate the mother or move the male into her room and let nature take its course (sometimes with the aid of a fan or two). Some breeders collect the pollen from the male's pollen sacs in a small bag and then, using a brush, will literally paint it onto the female buds. Other breeders wait for the male's sacs to open naturally and then put him in the center of the room, or gently shake him over the females for a few days. The number of seeds that a breeder wants to produce will usually determine the method chosen. Obviously, larger amounts of pollen produce larger amounts of seeds—and as we all know, more seeds can only mean more growers, more plants and more buds. 🌿



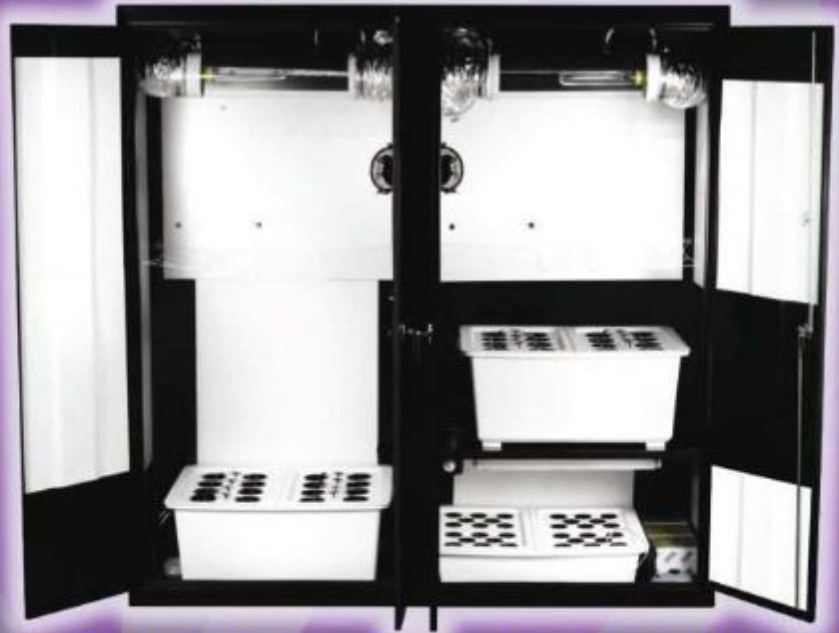
# SUPERCLOSET

By Selling Automated Superiors Systems

## HIGH TIMES STASH AWARDS WINNER!

Trinity 2.0

72" h x 72" w x 24" d



2008 "BEST ALL-IN-ONE STEALTH GROW BOX"

2009 "BEST GROW BOX"

2010 "BEST BUDGET GROW BOX"

P.O. Box 883663  
San Francisco, CA 94188

[www.supercloset.com](http://www.supercloset.com)

ph. + 877 . 476 . 9787  
fax. + 415 . 285 . 0301

## OUR AWARDS:

1st PLACE HIGH TIMES CANNABIS CUP "CONCENTRATE" 2010 WITH STARBUD MELTZ

3rd PLACE HIGH TIMES CANNABIS CUP "SATIVA" 2010 WITH SOUR POWER

2nd PLACE SPANNABIS CUP "INTERIOR BIO" 2010 WITH STARBUD

1st PLACE HIGH TIMES CANNABIS CUP "INDICA" 2009 WITH STARBUD

1st PLACE IC MAG 420 CUP "BREEDER INDICA" 2009 WITH STARBUD



HORTILAB



HIGH TIMES and Cannabis Cup are registered trademarks of Trans High Corporation and are used with permission.

# WWW.HORTILAB.NL

stay informed and subscribe to our newsletter

ACQUISITION OF LOW CANNABIS NEEDS BE LEGAL IN THE UNITED STATES / TRAVEL IN US DOLLARS FROM ANYWHERE IN THE WORLD

## Top 15 Reasons to buy a **SUPERCLOSET** NOW!

SuperCloset is the **ONLY** fully automated grow cabinet that has the following:

1. **Removable Rear Access Controls**  
Controls on the back retain beautiful "Stealth" look
2. **SuperMini Cloner**  
100% Cloning & Mother Success
3. **Adjustable Light Yo-Yo System**  
Maximum Photosynthesis Penetration
4. **Up to 40% Bigger Yields**  
Exclusive Adjustable Net Trellis and Larger "Easy Access" Flower Chamber
5. **Locking Door**  
Maximum Safety & Security
6. **Fits Almost Anywhere**  
At 15" wide, the SuperLocker can fit in the smallest of spaces
7. **Lifetime Customer Support**  
7 days a week
8. **Fully Automated**  
Fully Assembled
9. **Three Year Warranty**  
For your entire Supercloset
10. **Superponics 2.0 8 Plant System**  
Flower 8 plants 2-5x Faster and Easier with Superponics.
11. **Internal Circulation Fan**  
Adjustable for Perfect Airflow Everywhere
12. **Sun System HPS 150**  
Delivers an amazing 16,000 lumens!
13. **"Odor Free" Guarantee**  
Activated Carbon Air Filter
14. **"Infra-Cool" Steel Cabinet**  
16-18 Gauge Steel, Beautiful, Safe, Clean, Powder Coated Black
15. **Comes with EVERYTHING** you need, including your Nutrients, DVD, Ph Kit, TDS Pen and More



P.O. Box 883663  
San Francisco, CA 94188

[www.supercloset.com](http://www.supercloset.com)

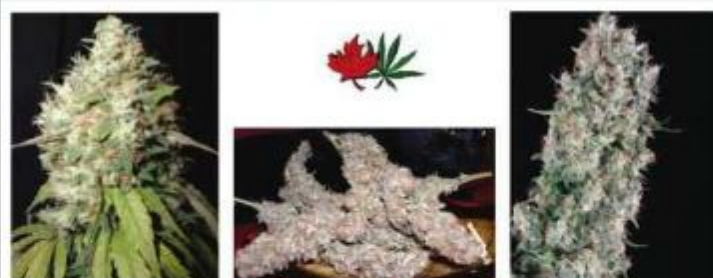
ph. + 877 . 476 . 9787  
fax. + 415 . 285 . 0301

**GROWTH**  
STARTS WITH  
**HYDROFOGGER™**  
[www.GROWTHPONICS.com](http://www.GROWTHPONICS.com)  
CALL 440.591.7603

**\$99**  
Complete system

Top Feed  
6" Net Pot  
Cloner  
Hydroton  
Large Roots  
Deepwater Culture  
Air Stone  
Fogger  
Air Pump  
Water Level  
Water Pump

**WHAT WILL YOU START WITH?**



[www.drgreenthumb.com](http://www.drgreenthumb.com)

Unique, high-potency genetics, available nowhere else. Home of the super-potent Endless Sky. Other fine strains include; Bubba Kush, Trainwreck, Cindy 99, Sour Deisel, Iranian Autoflower, U.K.Cheese, Chemdawg, Chemdawg G13, OG Kush.  
ALL OF OUR FEMINIZED SEEDS ARE GUARANTEED 100% FEMALE.

New for Spring 2011

### Chemo Iranian

1-3 pounds dry + August Finish + super potent  
( A heavy-yielding, potent indoor plant too! )

For a catalog, including a \$10 off coupon, send \$5 to;  
RWJ, Box 37085, Ottawa, ON, k1v0w9, Canada  
Free world-wide shipping. Express shipping available  
Information or phone orders call; 613-330-2404



"best stealth shipping in the business"

Trusted since 1996



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

A T T I T U D E S E E D B A N K

# WE NOW STOCK THE BEST SMOKING ACCESSORIES



**10% OFF**  
**CODE:420**

420 JARS

STASH TINS

TESTING KITS

BONGS

PAPERS

SMELLY PROOF

GRINDERS

VAPORIZERS

ASHTRAYS

PIPES

SCALES

LIGHTERS



## WWW.THEATTITUDESEEDBANK.COM

01473 724698 INT: 0044 1473724698 INT: 011 44 1473724698

YOU HAVE TO BE AT LEAST 18 YEARS OLD TO ORDER CANNABIS SEEDS FROM THE ATTITUDE SEED BANK.  
 IT IS AN OFFENCE TO CULTIVATE ANY PLANT OF THE GENUS CANNABIS IN MOST OF THE WORLD WITHOUT A LICENCE FROM THE SECRETARY OF STATE.  
 ANYONE COMMITTING AN OFFENCE CONTRARY TO THIS SECTION MAY BE IMPRISONED OR FINED, OR BOTH.  
 SEEDS ARE SOLD AS SOUVENIRS ONLY, OR FOR THE PRESERVATION OF GENETICS OR INCASE LAWS MAY CHANGE. IT IS RESPONSIBILITY TO CHECK YOUR LOCAL LAWS BEFORE ORDERING.



A full moon over Amsterdam lights up the 23rd Cannabis Cup.

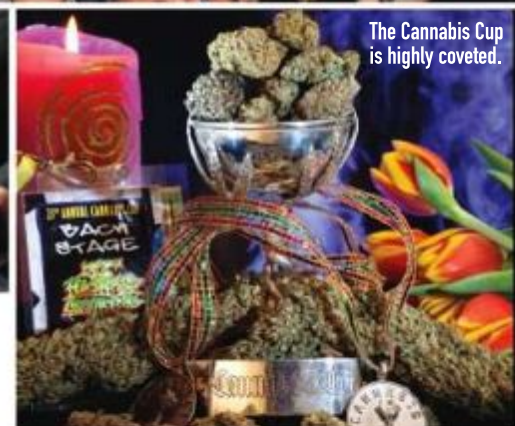
On awards night, the audience gets asked, "Who wants to be in HIGH TIMES?"



# ROMANCING THE STONE



A slab of Rusland's hash entry, Original Shoesoles.



The Cannabis Cup is highly coveted.

**Each year, thousands descend upon Amsterdam for the annual HIGH TIMES Cannabis Cup. The event attracts an international audience, but there are no ethnic or cultural barriers. A common language is spoken here—and as stoners know throughout the world, great weed needs no translation. By Dan Skye**

In our modern society, it's difficult to fathom the monumental labor and sacrifice required to create a city like Amsterdam. This is a city that was built from the ground up—literally. Because, in the beginning, there was no ground; farmers and fishermen of the 12th century had to transform wet marshland and lakes before a settlement could be built. So they did what they had to do: They drained the swamps and built canals and dikes.

And those quaint, iconic windmills, the age-old symbols of Holland? They were instrumental in pumping the water back to the sea.

In time, farmland was created and Amsterdam, because of its sheltered harbor, became a major European port. As history progressed, Holland led the exploration of the New World, prospered with its global trading network, and at one point stood as Europe's financial center.

Amsterdam was one of the fortunate cities to survive World War II. When the Nazis invaded in 1940, Dutch resistance had been stiff. The Germans delivered an ultimatum: either surrender or Rotterdam would be bombed. At first, Dutch forces balked because the order hadn't been signed, and so a second, signed ultimatum was delivered. Unfortunately, the Germans didn't wait

for a response: A squadron of bombers leveled Rotterdam. When Amsterdam and Utrecht were threatened next, the Netherlands surrendered.

Amsterdam survived the war. Its canals and singular architecture remain intact, a stirring throwback to a lost age. Its instinct for tolerance survived as well. Long before World War II, the Netherlands was famed for doing things differently. As early as the 19th century, Dutch society had become characterized by *verzuijing* or "pillarization," a social order in which every religion and political persuasion achieved the right to act freely within its own institutions. Each one represented a pillar that supported the status quo, the underlying principle being "Agree to disagree." Those pillars may have deteriorated over the years, but not the philosophy—which defines the Amsterdam we know today.

Amsterdam is really two cities, according to its residents. In the spring and summer, Amsterdam blooms with tourists pouring into the city from across Europe. Flowers abound, the sidewalk-café scene flourishes, and festivals fill the calendar. Plus the latitude of the Netherlands provides daylight well past 10 p.m. in the summer, further stoking the city's nightlife.

But cold weather in Amsterdam is a different story. Wet winds off the North Sea blow through town, and winter visitors who stroll the streets admiring the city soon find themselves far more interested in seeking warmth than sightseeing.

We all know that delicious sensation: You step in from the cold and your shoulders, which were hunched up around your ears, now relax. The wintry stiffness in your muscles is replaced by a sense of toasty well-being. Perhaps that's why coffeeshops were invented: What better way to chase the chill away than with a hot, caffeinated beverage in a convivial setting? Add cannabis to the mix and you've found cold-weather paradise.

People often ask why the Cannabis Cup takes place in November, rather than in the spring or summer. For one thing, founder Steven Hager conceived the Cup as a harvest celebration. For another, tourist rates soar during the warm-weather months. Spain and California have both been proposed as cool new venues for the Cup, but frankly, Amsterdam is magical—a city where modern ideas thrive against a picturesque backdrop of Old World stateliness. In fact, when the cultural revolutions of the '60s transpired, Amsterdam was dubbed the "Magic Center" for its benign willing-



At the Green House. Italian judges flame up a chillum.



Miss HT Brittany Wagoner picks up the scent.



Extreme performer Shawn lights up using a power sander.



Celebrity judges take copious cannabis notes.

ness to allow visitors to seek freedom in whatever shape it might take. For Americans and for citizens of other nations who love cannabis, and suffer persecution at the hands of their own government, Amsterdam is a vision of how rich life can be—if only our governments could just *let us be!*

Coffeeshops are an introduction to that vision. First-time Cannabis Cup judges are always blown away by the concept of relaxing at a table with friends, breaking out the buds and toking up—all without fear of arrest. Purchasing pot over the counter is a revelation as well.

For newcomers, their first foray into the coffeeshop scene usually ends up at either the Green House or Barney's. Over the Cup's 23-year history, the Green House and Barney's have won nearly 50 first-place awards—and no two coffeeshops have been marketed more effectively. Arjan, the owner of the Green House's four coffeeshops and seed company, is the unofficial leader in political matters affecting his industry. He's been an effective spokesman during the Dutch government's recent attempts—with prodding from the UK, France and Sweden—to restrict the coffeeshop scene.

More often than not, Arjan is the first interview for reporters covering the commerce of cannabis in Amsterdam. He may be a relentless promoter of Green House coffeeshops and products, but he perpetually pitches the economic benefits of the industry as well. Additionally, he's encouraged new coffeeshops to open. So it was interesting to watch him interact with a French journalist seeking an interview. First, he be-





OFFICIAL  
STASH JAR  
OF THE  
23RD  
ANNUAL  
HIGH TIMES®  
CANNABIS  
CUP®

## LIMITED TO 420 PIECES

For the fifth year in a row, 420 Science is offering a Limited-Edition High Times® Cannabis Cup® 420 Jar. We only made 420 of these jars featuring the graffiti style logo of the 23rd annual Cannabis Cup.®

Order yours online at 420Science.com while they last. 420 Jars won the High Times® Stash Award for Best Storage, so you know these jars are designed to keep your stash fresh.

And be sure to pick up a 420 Scope - the #1 handheld microscope in the industry. Use it to check out the trichomes and compare different strains; it's truly an essential tool for Cannabis Cup Judges.

### GREAT PRODUCTS FROM 420 SCIENCE



420 Jars



420 Scope



RezBlock



420 Wipes



**420Science**  
420Science.com



**Give people a taste of freedom and they'll want more. Amsterdam may be the perfect training ground. And that's why the Cup is here.**



At the Soma Seeds booth, prime samples of Amnesia Haze are readied for judges.

## DALE GIERINGER FREEDOM FIGHTER OF THE YEAR

Author and advocate Dale Gieringer has been at the forefront of the fight for cannabis freedom in California for decades. One of the driving forces behind Proposition 215, the nation's first statewide medical-cannabis law, Gieringer has been the state coordinator of California NORML since 1987 and currently serves as vice-chairman of the national board of directors. He traveled to Amsterdam for this year's Cannabis Cup as an honored guest, and also lent his well-pedigreed palate to our team of expert judges.

### What do you look for in a coffeeshop in Amsterdam?

What makes a coffeeshop most pleasant is not just how you're treated as a customer, but also if you happen to run across other people there to smoke with that you know or can hang out with. That's sort of a random-chance thing, but I've had some nice encounters. And if I didn't meet anybody I wanted to hang out with, or if the music was bad, then I just moved on.

### As the HIGH TIMES Freedom Fighter of the Year, are we ending the year more or less free?

In California, we're freer because Governor Schwarzenegger signed a bill to downgrade marijuana possession from a misdemeanor to an infraction. It's definitely a step forward, and it's the first reduction in general pot penalties we've had in California since 1976.



Gieringer accepts his award.

We're also entering the new year with an additional medical-marijuana state in Arizona, but I also hear we could have trouble looming in places like Montana and, of course, Washington, DC, now that Republicans have taken over some of the committees in Congress.

### What will be the focus for California NORML in 2011?

Marijuana is legal in California for medical use, but we really have to spend the next year straightening up the state distribution system. The rules vary widely from county to county. We

need to fix the system to some extent. We should open it up to out-of-staters with some sort of reciprocity for medical users, and we will also be supporting legislation to protect medical-marijuana patients from drug testing. Those are all things that might be realizable in the legislature. At the same time, it would help to demonstrate an effective and secure supply system for medical cannabis so that we can take that to the voters and say, "Here—we have a model that works, and let's just extend this further."

I know there's also a lot of interest in another legalization initiative, and we're actually going to be sponsoring a statewide conference with all the interest groups represented to start figuring out how we move forward towards 2012.

—David Bienenstock

rated that country's minister of health for attacking his industry and singling out Green House coffeeshops in particular. Then, after thoroughly unnerving the reporter, he smiled sweetly and asked, "What can I do for you?"

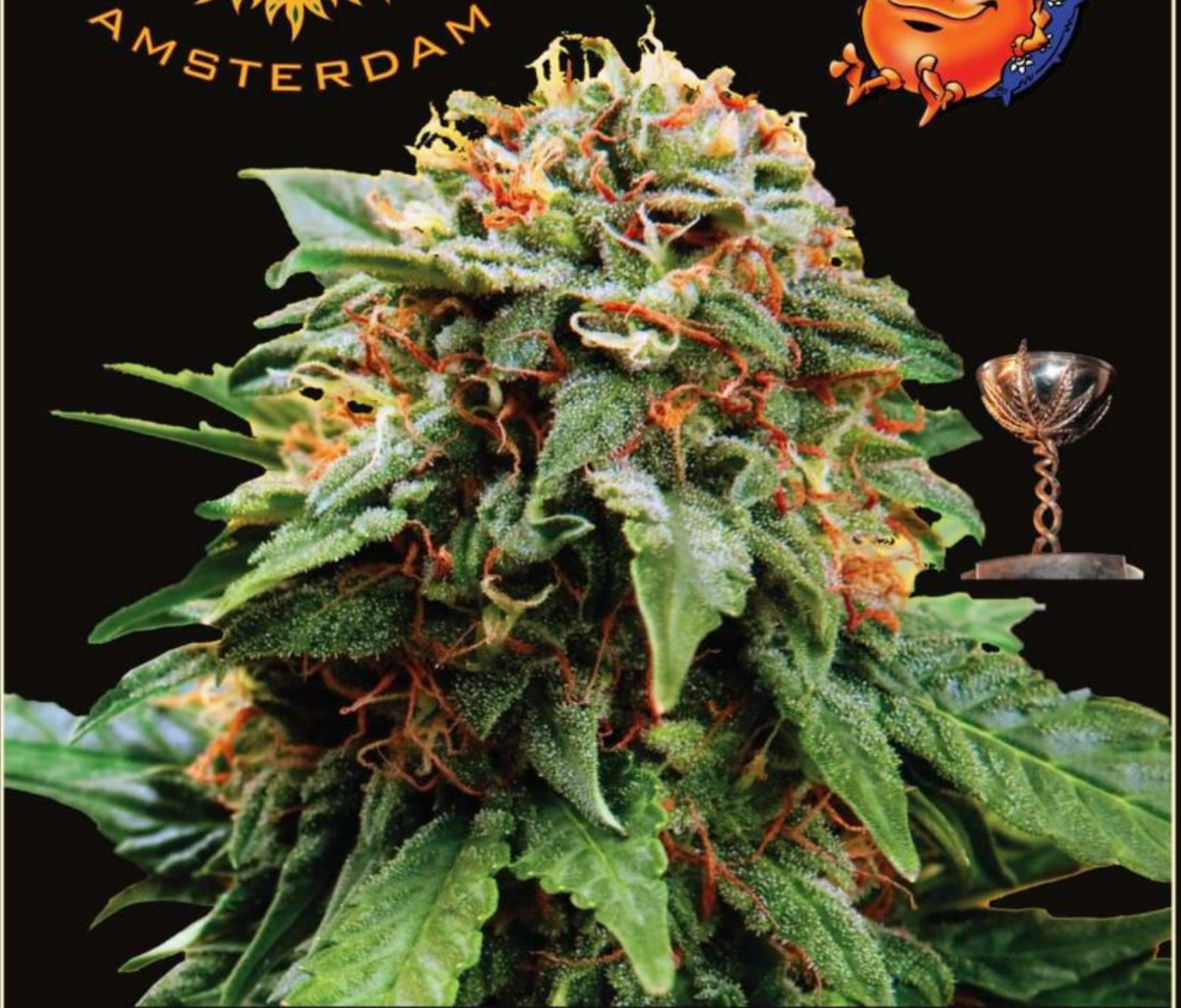
Certainly, Arjan's foremost concern is keeping the Green House's business strong—but make no mistake, he's a stalwart defender of basic freedoms, cannabis-related or otherwise. So, too, is Derry of Barney's. Over the past decade, Barney's has risen meteorically in stature. There are now three locations, all within a stoner's throw of one another.

Three years ago, at the 20th Cup, Barney's swept the top awards. This year, Barney's nearly did it again, winning the top prize for Tangerine Dream, plus the Cups for import hash and Nederhash, while taking first place for Best Expo Booth and Best Expo Product. Derry's victory speech was an impassioned plea: "Keep seeking freedom!" Not the freedom to smoke or to grow, but freedom, period.

"Never stop fighting," he implored the audience. "We can get there. We're close, but it will take all of us working together!"

Perhaps that's the essence of the Cannabis Cup: Give people a taste of freedom and they'll want more. Amsterdam may be the perfect training ground. And that's why the Cup is here.

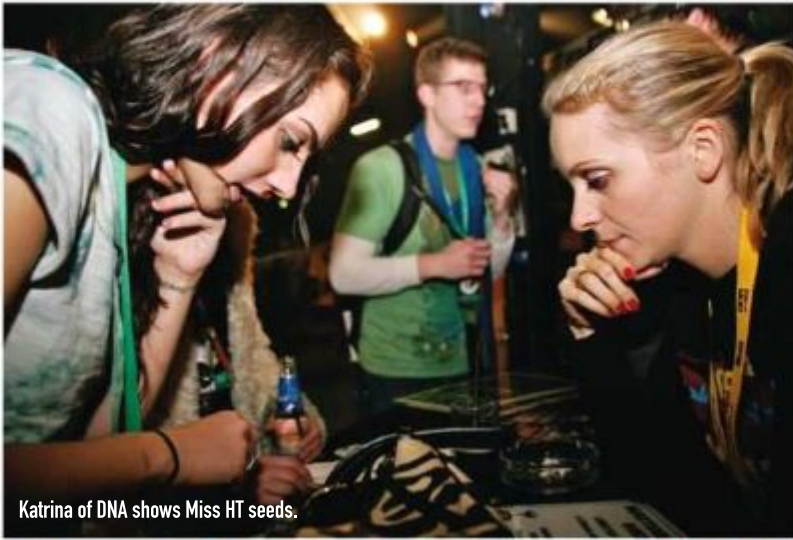
Judges usually arrive a day or two before the event gets underway. If they're rookies, they'll venture timidly into a coffeeshop and observe other customers to figure out how the transactions are conducted. Once they've bought their weed, their introduction to a sane new world has begun.



# Tangerine Dream

## Cannabis Cup<sup>®</sup> Winner 2010

HIGH TIMES and Cannabis Cup are registered trademarks of Trans high Corp. and are used with permission.



Katrina of DNA shows Miss HT seeds.



A hit of Super Lemon Haze puts a judge in a super, lemony haze.



Mellow Yellow's merchandise on display.

**For many, attending the Cannabis Cup is high on the stoner "bucket list," one of the items that must be achieved in every toker's lifetime.**

But there's serious competition in this world as well. Coffeeshops want to win a Cup because it promotes business. Growers want to win because it enhances their status and income. And stoners want to smoke a Cup-winning strain because—well, what stoner wouldn't?

For many, attending the Cannabis Cup is high on the stoner "bucket list," one of the items that must be achieved in every toker's lifetime. But unlike skydiving or bungee jumping, the Cup is best enjoyed with company—someone to share all those great buds with. European vacations are planned around the Cup; guys usually come in posses of two or more. Increasingly, the Cup is becoming a family affair: More than a few fathers and sons registered this year, while one mom came with her adult children at the last minute, explaining that the Cup had been a gift to them—but as Cup time neared, she felt that she might be missing out on something, so she signed up as well.

Billowing smoke isn't the only thing in the air here. Romance blossoms in the heavenly haze, and many stoned proposals of marriage have been proffered. In fact, back at the Eighth Cup in 1995, Stephen Gaskin actually performed nuptials onstage at the awards ceremony. The couple's love for each other—and pot—was so great that instead of exchanging rings, they had matching cannabis-leaf wedding bands tattooed on their fingers.

In the early years, the event was predominantly attended by Americans. But now, almost every continent is represented—a full-melt melting pot, if you will. For those living in regions halfway around the world, the Cup is a tough

## DNA EVIDENCE

Don and Aaron of DNA Genetics took home five Cannabis Cup awards this year. Although Barney's Farm was the big winner, scoring five first-place wins, the boys from DNA appeared onstage just as many times to accept their share of prizes.

2010 was a stellar year for DNA: They won the *Indica* Cup (through their offshoot, Reserva Privada), took second place in the *Sativa* Cup, and finished in second and third place in the competition for Best Seed Company Hash. They also took third place in the coffeeshop competition with their LA Cheese. And last February, at the Spannabis Champions Cup, they scored two second- and two third-place wins. "We had never entered the hash category" at the Spannabis Champions Cup before, Don notes. "So taking a second and a third for hash in both categories was special, because we have refined our hash-making. We're getting the fullest flavor as well as essence from the crystals. The flavors are coming out like never before!" Don and Aaron were hoping for a similar finish in the Best Seed Company Hash competition at the Cannabis Cup (their first time in that category as well), and that's exactly what they got.

Meanwhile, their *Indica* Cup winner, Koshers Kush, is a top-notch strain out of California. It's over-the-top stinky, produces an average yield, and makes everyone who inhales it feel *highly* blessed. The story goes that a group of Jewish kids in LA had this great herb that they were calling Jew Gold. "We couldn't wrap ourselves around the name," Don explains. "Instead, we referred to it as the JG. In time, we acquired a cut from the JG crew—at a price, of course—and it more than lived up to its hype. Both Aaron and I are nonreligious on every level. To the general public, 'kosher' means something is okay or legitimate. We trusted that the cannabis commu-



Don and Aaron celebrate a winning night. Inset: L.A. Confidential, a legendary DNA strain.

nity could handle a stoner name like Koshers Kush." Apparently so—the demand for Koshers Kush is already off-the-hook. Feminized seeds will be available in early 2011.

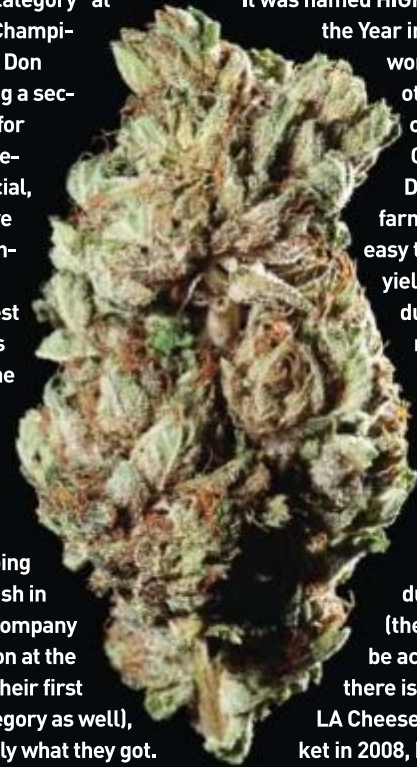
DNA's Chocolope took second place again at this year's *Sativa* Cup. It was named HIGH TIMES Strain of the Year in 2007 and has won honors in many other cannabis competitions. Originally named D-Line, it's a pot farmer's dream plant: easy to grow, a big yield, and a producer of heavy nugs.

There may be some confusion about LA Cheese, a cross of DNA's prized LA Confidential male with an Exodus Cheese female (the only way it could be achieved, since there is no Exodus male).

LA Cheese was on the market in 2008, but by the end of the year, DNA renamed it Confidential Cheese. The DNA partners apologize for the name change, but not the exquisite bud.

Now with various licensing deals in the works, DNA has been working with several companies—especially those located in medical-marijuana states. "Marijuana is slowly being seen by the general public as a possible solution to common problems, not the scary gateway drug of the past," says Don. "We're working hard to preserve the sanctity of the plant."—DS

Visit [dnagenetics.com](http://dnagenetics.com) and [dnageneticsclothing.com](http://dnageneticsclothing.com) for official DNA merchandise.





THE WORLD'S LEADING HIGH!

# Green House Seed Co.®



CREATORS OF CHAMPIONS

WINNER OF 34 HIGH TIMES CANNABIS CUPS - 2008 & 2009 CANNABIS CUP WINNER WITH SUPER LEMON HAZE!

FEMINISED SEEDS STARTING AT 15 EURO!!



WHITE WIDOW



EL NIÑO



GREAT WHITE SHARK



HIMALAYA GOLD



WHITE RHINO



SUPER SILVER HAZE



SUPER LEMON HAZE



ARJAN'S ULTRA HAZE #2



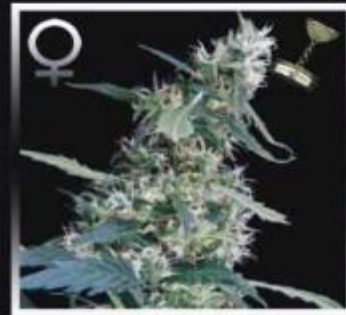
ARJAN'S HAZE #1



ARJAN'S HAZE #2



ARJAN'S HAZE #3



ARJAN'S ULTRA HAZE #1



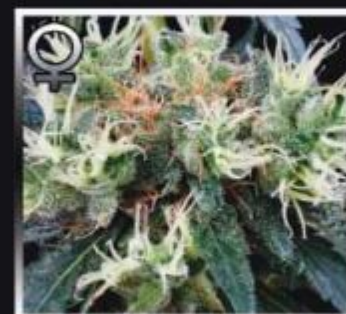
HAWAIIAN SNOW



NEVILLE'S HAZE



GREENHOUSE THAI



NL5 HAZE MIST



A.M.S



ARJAN'S STRAWBERRY HAZE



TRAIN WRECK



K-TRAIN



BUBBA KUSH



KING'S KUSH



GREEN-O-MATIC



BIG BANG



THE CHURCH



CHEMDOG



GREENHOUSE CHEESE



THE DOCTOR



ALASKAN ICE



DAMN SOUR

HIGH TIMES AND CANNABIS CUP ARE REGISTERED TRADEMARKS OF THE TRANS HIGH CORPORATION AND USED WITH PERMISSION.

WATCH THE WHOLE GREENHOUSE GROW DVD FOR FREE ON YOUTUBE!  
[WWW.YOUTUBE.COM/GREENHOUSESEEDS](http://WWW.YOUTUBE.COM/GREENHOUSESEEDS)

NOW AVAILABLE: COLORED FEMINISED SEEDS WITH A COATING WHICH CONTAINS AN ANTI-PATHOGENE & ROOT STIMULATOR

[WWW.STRAINHUNTERS.COM](http://WWW.STRAINHUNTERS.COM)

[WWW.GREENHOUSE.TM](http://WWW.GREENHOUSE.TM)

[WWW.GREENHOUSESEEDS.NL](http://WWW.GREENHOUSESEEDS.NL)



At the T.H.Seeds fashion show, performers flip into the audience.

**The PowerZone is where the seed companies welcome the judges to sample their world-class marijuana.**



Blue-clad showgirls promote Arjan's new *Strain Hunters* DVD.

voyage, requiring multiple flights. One Alaskan attendee even traveled by dog sled to get to a highway in order to drive to the airport for the first leg of his trip.

The Cannabis Cup Expo is mounted at the PowerZone, a suburban rock club a few commuting minutes from Dam Station. The PowerZone is where the seed companies welcome the judges to sample their world-class marijuana. The seed trade is brisk, and each booth is hosted by knowledgeable growers and, often, the star breeders themselves. Soma, one of the most recognizable faces of the cannabis industry, always makes a point of meeting his public daily at the Expo, this year treating fans of Soma Seeds to Amnesia Haze, a delectable *sativa*.

Most of the companies who enter strains rely on vaporizer bags extending six feet or more—the better to serve eager lungs more efficiently. But the judges are also encouraged to do the Coffeeshop Crawl. The Crawl is actually a guide found in the Cup program. It maps out a walking route to all of the coffeeshops that have entered strains (this year, 22 in all)—a veritable treasure map to finding bliss.

Of course, bliss doesn't guarantee a Cannabis Cup. This year, the Bulldog—one of the oldest cof-



A judge takes advantage of a complimentary bong hit.



Buds now have their own comic books.



Tangerine Dream vapor bags go heavy duty.

# Still The Original! Still The Best! Grow Your Own with a Phototron!

Free Seeds! Free Seeds!  
100% Guaranteed!  
100% Service-Backed!  
Shipped Fully Assembled!  
Prompt Delivery Guaranteed!  
A Fully-Integrated Plant System that  
Promotes Rapid Growth in 21 Days!

As Advertised in  
High Times for  
over 20 years!

For More Information  
or To Place Your Order  
Call Today, Toll-Free:

**1-800-651-BUDS**

**1-800-651-2837**

Fax 1-310-352-4370

Pyraponic Industries

**www.phototron.com**

Email: sales@phototron.com

★ **NEW** ★

OWN YOUR OWN  
HYDROPONIC BUSINESS!  
**DISTRIBUTORS WANTED**  
EARN MONTHLY INCOME!  
CALL NOW TO  
RESERVE A POSITION!  
**1-800-651-2837**



Photo shows 21 days from start

HIGH TIMES is a trademark of Trans High Corp. and is used with permission.

## Every Phototron Includes:

- Light Bulbs
- Reflective Panels
- 2 Bags of Sphagnum Moss
- 2 Bottles of Plant Nutrients
- Complete Step-by-Step Instruction Package
- Plus more—call or log on for more detail.

## Choose from one of four models:



**The Phototron VI**  
18,900 Lumens  
\$429.95



**The Phototron VII**  
26,000 Lumens  
\$479.95



**The Phototron VIII**  
30,000 Lumens  
\$599.95



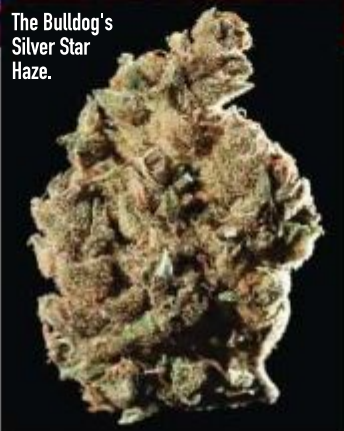
**The Phototron IX**  
36,000 Lumens  
\$629.95

Bigger & Brighter!  
30% Increase in  
Growing Space

Fashion show models dance the night away in funky hemp fashions.



The Bulldog's Silver Star Haze.



feeshops in Amsterdam—entered a strain for the very first time: Silver Star Haze, an outstanding *sativa*. The Noon offered Sleaze, which many judges believed was worthy. Kaas Kush, found at the Betty Too café, was another, and Katsu Amnesia, pride of the Katsu coffeeshop, lived up to its name completely. (Maybe that's why it didn't win.)

The judges were also treated to a number of parties and, every night at the Melkweg nightclub, hip-hop beats shook the building. Over the years, Cup founder Steven Hager has chosen a specific element of the counterculture to honor at each event. Past Cups have spotlighted jazz and reggae, but the yearly Cup themes aren't limited

to music: We've seen events that honored the Beat Generation, the Rainbow Family, the Native American struggle, even marijuana smugglers.

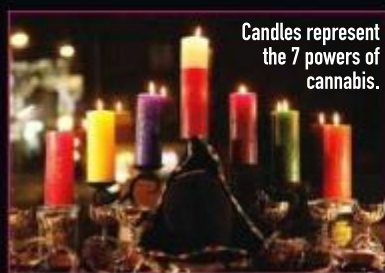
The incredible patchwork of thought, action and philosophy that comprises the counterculture is often derisively dismissed by society's mainstream, but we know better. The counterculture continues to flourish, and marijuana is often the catalyst that triggers a shift in the perspective of adventurous souls, which results in the creation of new art, new music or new insights into what really makes the world go round. In fact, the 2003 Cannabis Cup was devoted to exploring the world of conspiracy.

## THE EVOLUTION OF A CEREMONY

The Cannabis Cup is the perfect blend of commerce and cannabis spirituality.

It was just a party when it began—a party that very few people attended. The event didn't even become public until the sixth year, and even then, only 50 people showed up. That was also the first year a 420 ceremony was held. The late Jack Herer, a longtime devoted Deadhead, looked perplexed when I told him that we were going to have a ceremony at 4:20 in the afternoon for the Sixth Cup. That was back in 1994, and most Deadheads still didn't have a clue about 420. But it had been percolating within their subculture since 1972, when the concept had been invented by the Waldos of San Rafael High School.

Over the next few years, as the Cannabis Cup began attracting hundreds of attendees, we held council after every 4:20 p.m. ceremony. These councils allowed anyone to speak freely and were instrumental in shaping the evolution of the event.



Candles represent the 7 powers of cannabis.

But the biggest influence came from Stephen Gaskin, one of the greatest spiritual leaders of the counterculture. I'd been a fan of his since my first trip to Haight-Ashbury in 1968 as a teenage runaway. In the early 1990s, I spent a few weeks living with Stephen and Ina May Gaskin at The Farm in Summertown, TN, seeking guidance. When I asked him to instruct me on how to conduct ceremonies, Stephen told me—like the true Zen master he is—that he didn't dictate ceremonies; they manifested themselves naturally, whether you knew they were happening or not. At

the Seventh Cup, while speaking about nonviolent culture at 4:20 p.m., Stephen mentioned that although he was nonviolent, he was also a temple dragon protecting the ceremonial spaces of his community. Twelve hours later, at 4:20 a.m. in the Quentin Hotel, the Temple Dragon Crew was born, dedicated to protecting the ceremonial spaces of the Cup.

Three years later, I created the Counterculture Hall of Fame as a means of helping to shape ceremony and ritual at the Cup. Bob Marley was the obvious first inductee. Thirteen years later, the time was ripe for the first hip-hop artist.

I no longer look for the obvious when it comes to the Counterculture Hall of Fame; now it's all about recognizing those who have been unjustly ignored. Everyone knows that Kool Herc was the first hip-hop DJ, and Herc has enjoyed a lot of accolades and fame, even though he's

never made much money off his creation. But very few seem to realize that Herc had a partner in all his original events, and that partner was the original hip-hop MC, Coke La Rock. My mission became to find Coke La Rock and get him to the Cannabis Cup—something I was eventually able to do with the help of Grand Wizzard Theodore, the greatest of the first generation of hip-hop DJs.

Over the last two decades, a number of rituals have become Cup traditions. We started with one candle on the altar, and now we have seven, representing the seven powers of cannabis: utility, sexuality, medicine, love, poetry, vision, and spirit. It was a vision that came to Alex Grey during a 420 ceremony, and now we light the seven candles during every day of the Cannabis Cup, at precisely 4:20 p.m.—Steven Hager



RATED #1 BY CUSTOMERS WHO CARE ABOUT SERVICE



**BEST PRICED  
GROW SHOP ONLINE  
PRODUCT REVIEWS  
PLUS TESTING VIDEOS  
THOUSANDS OF  
PRODUCTS ONLINE**

**MONSTER  
GARDENS**



PREMIERING  
THIS MONTH  
MADE IN THE  
**USA**

**Double  
Barrel**  
TRIM MONSTER  
TWO TUBES ARE  
BETTER THAN ONE  
GENERATOR READY

**(855.GROW.CRAZY/707-588-8844)**  
**WWW.MONSTERGARDENS.COM**





The Melkweg audience roars for Kid Cudi.



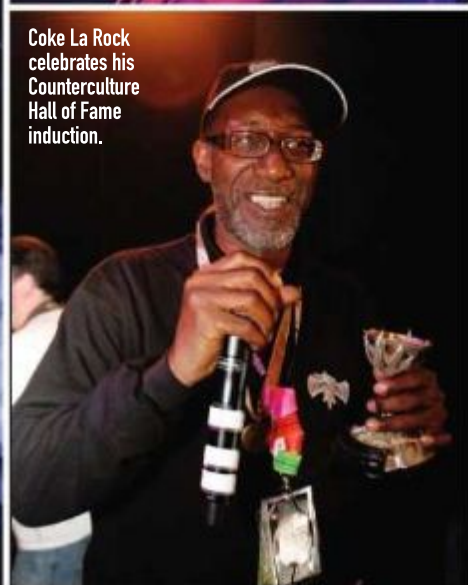
Grand Wizzard Theodore spins.



Busy Bee busts it out.



Cudi blazes up before taking the stage.



Coke La Rock celebrates his Counterculture Hall of Fame induction.

But this year, the first generation of hip-hop was given center stage because it, too, is a product of the counterculture, a rhythmic street reaction to daily oppression. Coke La Rock, although forgotten by many, is one of hip-hop's creators. It was Hager's objective to ensure that these musical revolutionaries received their rightful place in the pantheon of counterculture icons.

"We the cats that put the first brick in the Yellow Brick Road," La Rock says. When he was inducted into the HIGH TIMES Counterculture Hall of Fame, it was with profound gratitude that he thanked Hager for "remembering."

As always, the tension mounts as the awards ceremony approaches the most prestigious Cups. The preliminary awards for Best Expo Product and Best Expo Booth are a wide-open competition: If a booth attracts judges with superb pot and smokes out a goodly share of them, that company will be in the thick of the battle. So when Barney's won both prizes, it was a foreshadowing of the overall victory to come. Yes, the Tangerine Dream was that good.

Sissi of Amnesia Seeds was ecstatic with her victory in the Import Hash Cup for her Caramella Cream. She beamed with gratitude, thanking the celebrity panel of judges

DAN SKYE (2), FREEBIE (2), LARRY GREEN

# DISCOUNT HYDROPONICS®

**DH**

**GROW**

**IT**

Lighting Systems  
Hydroponics Systems  
Climate Controllers  
CO<sub>2</sub> Controls  
Grow Mediums  
Nutrients  
Timers  
Odor Control  
Pest Control



FEATURING THE **NEW**

**digilux**

HIGH OUTPUT DIGITAL BULBS

Call for our **NEW** catalog or visit our Webstore @ [www.discount-hydro.com](http://www.discount-hydro.com)

**Lowest Prices Guaranteed!**

**Discreet Packaging**

**Confidential Transactions**

**We are the Mail Order Professionals!**

**DH Warehouse & Superstore**

4745 Hiers Ave.

Riverside, CA 92505

**(877)-GROW-IT-7**

**(877)-476-9487**

**IN THE L.A. AREA? CHECK OUT OUR 18,000 SQ. FT. WAREHOUSE AND SUPERSTORE**



Strains that didn't make the cut stand forlornly.



Sissi and Derry raise their Cups.



Addison Demoura of Steep Hill Lab lets it flow.



Backstage with Steven Hager, Coke La Rock, Busy Bee, and Vulcan.



Eager judges flock to the booth shared by BioBizz and Positronics.



**THE 23RD ANNUAL CANNABIS CUP AWARD WINNERS**

**Coffeeshop (Cannabis Cup)**

- 1st Barney's Coffeeshop—Tangerine Dream
- 2nd Green House Unlimited—Super Lemon Haze
- 3rd Green Place—LA Cheese

**Nederhash Cup**

- 1st Barney's Farm—Tangerine Nectar Iceolator
- 2nd Green House United—Green House Ice
- 3rd Grey Area—Grey Crystal

**Import Hash Cup**

- 1st Barney's Coffeeshop—Caramella Cream
- 2nd Green House United—Rif Cream
- 3rd Green Place—Twilza

**Seed Company Sativas (Sativa Cup)**

- 1st Amnesia Seeds—Acapulco Gold
- 2nd DNA Genetics Amsterdam—Chocolope
- 3rd HortiLab—Sour Power

**Seed Company Indicas (Indica Cup)**

- 1st Reserva Privada—Kosher Kush
- 2nd T.H.Seeds—Cold Creek Kush
- 3rd Karma Genetics—White OG

**Seed Company Hash**

- 1st HortiLab—Starbud Meltz
- 2nd Reserva Privada—Sour Diesel
- 3rd DNA Genetics Amsterdam—Blackberry Kush

**Glass Award**

- 1st Roor—Ghost
- 2nd The Cali Connection—The Klingon
- 3rd Dragon Bong & Earth Spirit—Dragon Bong

**Expo Booth Award**

- 1st Barney's Farm
- 2nd Green House Seed Company
- 3rd Attitude Seed Bank

**Product Award**

- 1st Barney's Farm—Barney's Bud Scope
- 2nd Green House Seed Company—*Strain Hunters: India* DVD
- 3rd Vapir—NO<sub>2</sub> Vaporizer



Mila was awarded a surprise Cannabis Cup by Arjan and Derry.

who voted on the top strains submitted by seed companies. That select group included senior cultivation editor Danny Danko and other HT staffers, Addison DeMoura of Steep Hill Lab, Ray Rae's Medicine of Montana, Miss HIGH TIMES Brittany Wagoner, and other experts who preferred to remain nameless. Consensus was paramount in order to get the job done. It was easy eliminating strains that were less than great, but deciding upon the greatest was a narrowing-down process that required advanced powers of discernment.

Surprisingly, the Green House didn't win a Cannabis Cup this year—a rare occurrence. However, a mix-up onstage resulted in the Nederhash Cup being mistakenly awarded to Green House Ice. Arjan took the stage and, in turn, presented the award to Mila, the hash queen of Amsterdam, who markets the popular Pollinator hash-making machine. Arjan's intent was to honor Mila for her years of dedication to the cannabis industry, but, alas, the Cup wasn't his to give; Barney's was the actual winner.

The next day, at the traditional post-awards celebration at the winning coffeeshop, Arjan stopped in to help celebrate Barney's big win. Steve Hager took Derry and Arjan aside to explain the error. Both of them laughed, and Derry gladly seconded Arjan's recognition of Mila. The Cup was hers to keep.

# DNVA GENETICS.com

WORLD LEADER IN MEDICINAL CANNABIS SEEDS



**DNAGENETICSCLOTHING.com**  
GRAND OPENING!! 10% off with promotion code HT420



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

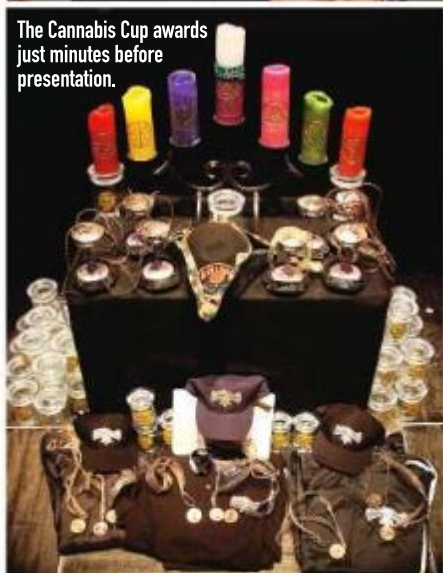




Amsterdam offers the tourist a taste of the Old World.



Green House impresario Arjan.



The Cannabis Cup awards just minutes before presentation.

But don't feel too bad for Arjan: The self-proclaimed "King of Cannabis" took home five second-place medals this year, in the categories of Best Expo Booth, Best Expo Product, Best Nederhash, Best Import Hash and Best Coffeeshop Strain. In fact, Super Lemon Haze—the Green House entry that took the top prize in the last two Cannabis Cups—nearly did it again this year. It delivers a powerful yet balanced high, offering physically pleasing sensations while thoroughly engaging the cerebral aspects of being stoned. Super Lemon Haze is hardly a runner-up in anyone's book—and when Arjan arrived at the Barney's celebration, he was positively thrilled. "The busiest of the year so far," he commented happily. "All of my shops are packed!"

So was Barney's. Derry was in a rare mood, hugging anyone who crossed his path. At 4:20, the Cannabis Cup candles were lit once again. A violin played a traditional folk song, reaching a fever pitch by the tune's end. Derry stepped up to the microphone one last time to thank everyone—because, truly, his success is ours as well. We are the ones who are normalizing the planet's attitudes toward pot. And as the acceptance of marijuana grows, the world becomes a friendlier, less hostile place. 🌿



The day after his victory, Derry celebrates Barney's big win at 4:20.

DAN SKYE (2); FREEBIE; LARRY GREEN

**\*Call for A Free Catalog!**

**WE COMPARE SO YOU DON'T HAVE TO...**

# HYDROWHOLESALE.com

**Largest Selection . Lowest Prices . Fastest Shipping .**

**Selling brand name products you know and trust.**

### THE LOWEST GROW LIGHT SYSTEM PRICES!

400 Watt MH/HPS Light System \$156.99

600 Watt HPS Light System \$184.99

1000 Watt MH/HPS Light System \$189.99

1000 Watt MH/HPS Electronic System \$339.99

600 Watt MH/HPS Electronic System \$269.99

400 Watt MH/HPS Electronic System \$139.99

\* AIR COOLED REFLECTORS JUST FEW BUCKS MORE

Dimmable/Dialable to 50, 75, 100, and 110%!

**DON'T FORGET A LIGHTHANGER! \$24.99**

\* ALL SYSTEMS COME WITH A BULB.

\* PURCHASE A DUAL TIMER FOR \$15.99

4" Filter/TD Series Fan Combo  
Removes Odor and Purifies Air  
(Rooms 8 x 8 & Under)

**\$139.99**

**OIL EXTRACTION KITS ARE HERE!**

8 BAG, 5 GALLON

**\$69.99**

\*ALSO AVAILABLE IN 1, 10, 20, AND 32 GALLONS

**TRANSPARENT LEAF TRIMMER**

**\$399.99**



Hydro Room Complete 3 X 3 \$899.99

Hydro Room Complete 4 X 4 \$999.99

Hydro Room Complete 4 X 8 \$1899.99

Organic Grow Room 4 X 4 \$699.99

Organic Grow Room 4 X 8 \$1299.99

3X3 \$659.99, 2X4 \$599.99, 2X2X4 \$549.99

Includes Systems, Lights, Fan, Carbon Filter, Timers, YoYos, Pots, Mini-Clip Fan, Temp/Humidity Gage, and Setup DVD. Purchase Nutrients & Media separately.

Upgrade your light for just a few bucks more!

Add a Propagation & Cloning Kit \$49.99

### GROW TENTS

|          |       |            |        |
|----------|-------|------------|--------|
| 2'x2'x4' | \$108 | 5'x10'x7'  | \$499  |
| 2'x4'x6' | \$190 | 8'x8'x7'   | \$599  |
| 3'x3'x6' | \$210 | 10'x10'x7' | \$799  |
| 4'x4'x7' | \$240 | 16'x8'x7'  | \$989  |
| 4'x8'x7' | \$390 | 20'x10'x7' | \$1189 |

\*Sales Tax Free (except in GA)

**Discreet. Confidential. Secure.**

**Toll Free: 1.866.803.2100**

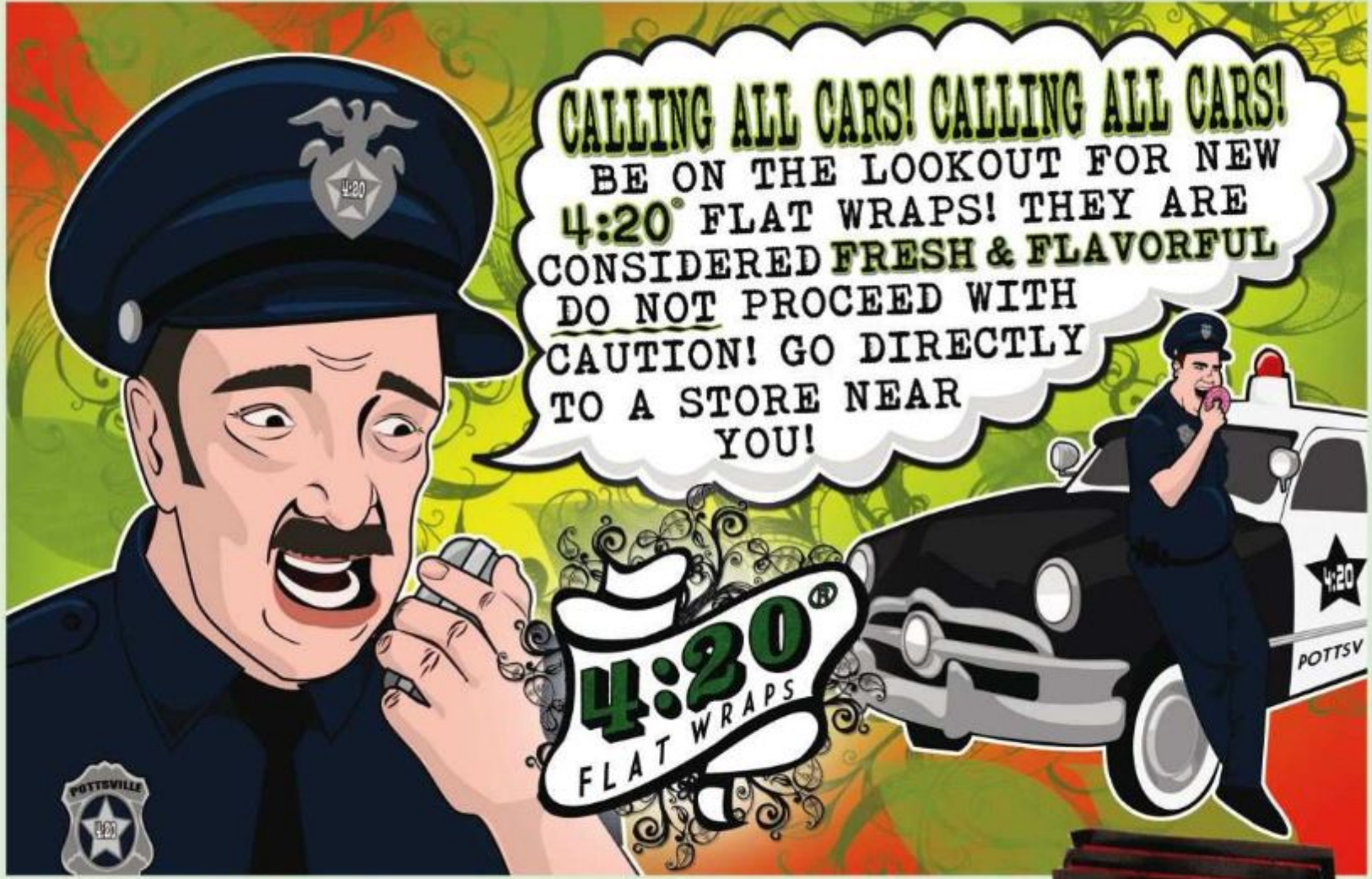
Visa, MC, and Money Orders accepted.

\*Call for A Free Catalog!

[www.hydrowholesale.com](http://www.hydrowholesale.com)

Authorized Dealer





*It's about time...  
to try something*

**NEW!**

**4:20<sup>®</sup>**  
Flat Wraps



480-967-4420 • fax: 480-966-2315 • email: [420flatwraps@gmail.com](mailto:420flatwraps@gmail.com)

[www.420flatwraps.com](http://www.420flatwraps.com)



# DON'T MISS OUT, GET YOUR 2010 STASH AWARD WINNING

## BALLAST & FAN OF THE YEAR

ONLINE NOW AT [DISCOUNTGROWSHOP.COM](http://DISCOUNTGROWSHOP.COM)



### Ballast of the year

Digital ballast has dimming options, higher output and easy hook up. Available in 400, 600, and 1000 Watts



### Fan of the year

Black Infinite Breeze Wall Unit

**\*FREE** 1.29CF bag of Scientific Soils Premium Planting Mix with any Quantum Horticulture products purchase totalling \$200 or more. Must enter coupon code DG420 on checkout.

Don't be outfoxed by the competition, grow in soil not wood.

# SCIENTIFIC SOILS



## PREMIUM PLANTING MIX



tested over generations of crops bigger yields, healthier plants all inclusive organic formula: over 20 live probiotics, endo- & ecto-mycorrhizal fungi, disease suppressive & nitrogen fixing bacteria, humic & fulvic acid, *no additional nutrients needed for most varieties*

### composition

vegetable compost, native block cut florida peat, chunky perlite, coconut coir, dolomitic lime, organic chicken manure, gypsum, 72 natural organic trace minerals

Scientific Soils Distributor Inquires  
[www.scientificsoils.com](http://www.scientificsoils.com)

[discountgrowshop.com](http://discountgrowshop.com)



Each variety must be meticulously inspected prior to testing.

# THE KUSHES

Some might say that smoking over 20 varieties of weed and hash a day and then judging them is like comparing apples and oranges. But in the case of the 23rd Annual HIGH TIMES Cannabis Cup, it was more like comparing tangerines and lemons: Sweet and sour citrus flavors dominated the competition this year, as judges of every kind gathered in Amsterdam to evaluate the best strains in the world. **By Danny Danko**

## Cannabis Cup-Winning Coffeshop Strains

### 1st Place

## TANGERINE DREAM

### Barney's Coffeshop

The popular vote went to this citrus-heavy offering from Barney's, with the majority of paying judges praising Tangerine Dream for its odor, flavor and potency. Sticky and covered in resin glands, this sweet variety stole the show, with 10-foot-long vapor balloons being offered daily at the Expo as well as joint giveaways at Barney's shops and parties.

Dark orange hairs cover each nugget, and the citrusy smell and flavor are hard to resist. My colleague Nico Escondido also noted the dense bud formation of Tangerine Dream as a plus for growers looking for bag appeal. Derry of Barney's Coffeshop continues his streak of winning and placing in the Cup with this sun-kissed strain.

### 2nd Place

## SUPER LEMON HAZE

### Green House Unlimited

Winner of the last two Cannabis Cups, Super Lemon Haze came within a few votes of a threepeat this year with a full-flavored barrage of tart-tasting buds. Dry hits reveal the flavor of sour lemons and that telltale Haze spiciness so prevalent in Holland.

A true *sativa*, Super Lemon Haze boasts an uplifting high and a buzz sure to please the most discerning pot palate. The effects are cerebral, starting in the forehead and eventually flowing throughout the mind and body for the kind of exhilarating effect guaranteed to incite artists and free thinkers to acts of spontaneous joy. Old-timers especially will appreciate the multilayered boost achieved from smoking or vaporizing this luscious strain. Green House scores again!

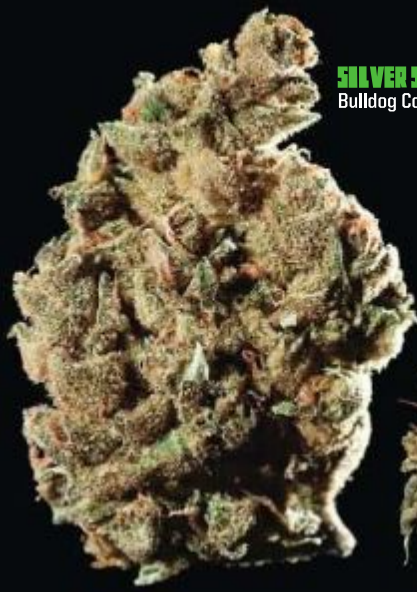
### 3rd Place

## LA CHEESE

### Green Place

Fresh off a pair of third-place wins in the last two years with Chocolope ('08) and Headband Kush ('09), the Green Place keeps scoring with powerhouse American and British ganja genetics that can't easily be found in Amsterdam yet. Their 2010 entry, the LA Cheese, is Big Buddha's combination of his original UK "Exodus" Cheese pollinated by an LA Confidential male acquired from DNA Genetics.

This tangy, *indica*-dominant variety reminded many California judges of the Kushes they smoke back home, with that narcotic Afghan stone that seems to go on forever. Rapper Devin the Dude called this one "top-shelf" and especially praised its "clean burn." Big Buddha says this strain performs better in cold, harsh climates than his Cheese or the LA Confidential, producing "medium-sized nuggets packed with a dense barrier of trichomes."



**SILVER STAR HAZE**  
Bulldog Coffeeshop



**BLACKWATER**  
Cali Connection



**SUPER SKUNK**  
White Label Seed Co.



**CARAMELIZE**  
Anyday Coffeeshop



**TRUE BLOOD**  
Supreme Beans Seed Co.



**CLOUD NINE**  
Kiwi Seeds



**MANGO OG**  
DNA Genetics



**PINEAPPLE CHUNK**  
Barney's Farm Seed Co.



**SOUTH STAR**  
Kiwi Seeds



**SOUR KUSH**  
Reserva Prevada Seed Co.



**LA CONFIDENTIAL**  
DNA Genetics

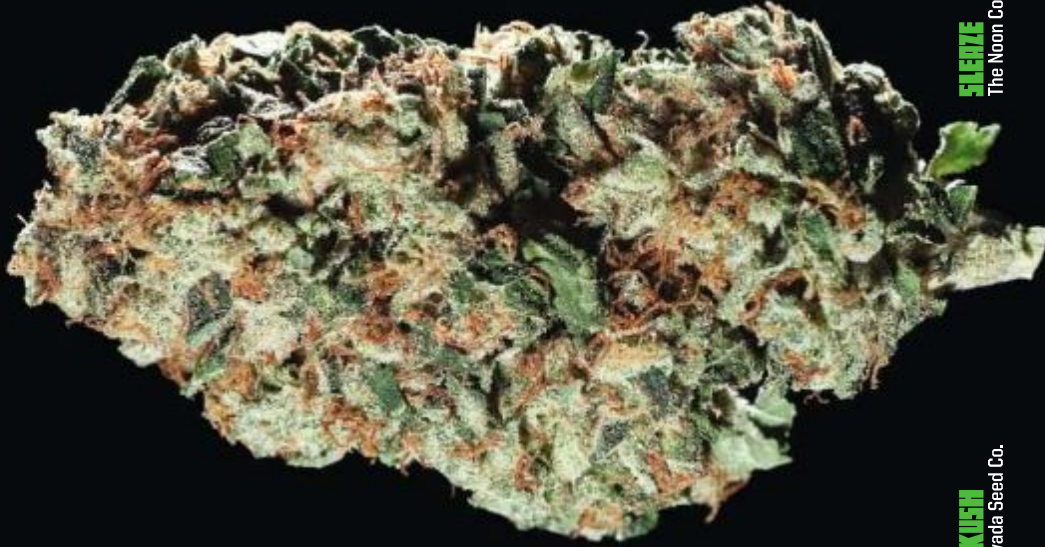
# HIGH TIMES ZERO CANNABIS CUP



**SUPER LEMON HAZE**  
Green House Seed Co.



**SLEETZE**  
The Noon Coffeeshop



**KUSHIE KUSH**  
Reserva Privada Seed Co.



**LA CHEESE**  
The Green Place Coffeeshop





**KANS KUSH**  
Betty, Toel Coffeeshop



**TRANCELINE DREAM**  
Barney's Farm and  
Coffeeshop



**CANNOCULOPE**  
DNA Genetics  
Amsterdam



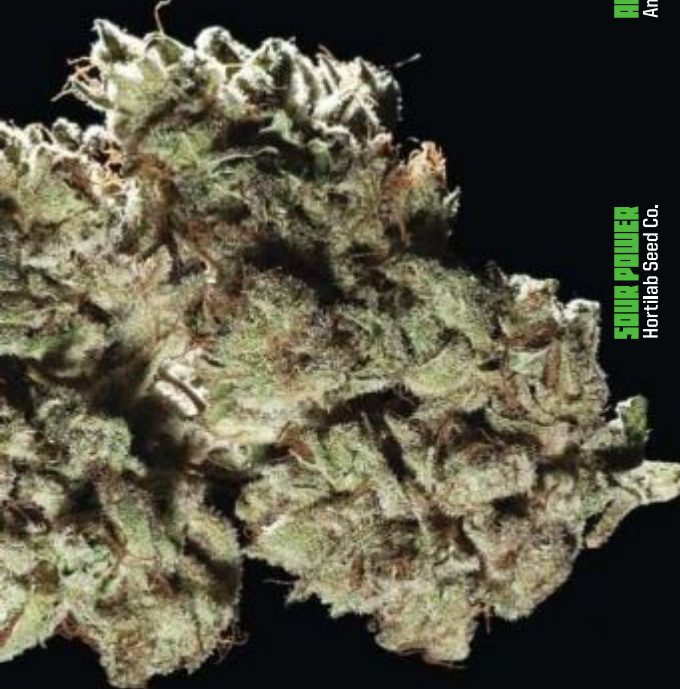
**CANNODRUG**  
De Kroon Coffeeshop



**ACAPULCO GOLD**  
Amnesia Seed Co.



**COLD CREEK KUSH**  
T.H.Seeds



**SOUR POWER**  
Hortilab Seed Co.



**WHITE OG**  
Karma Genetics Seed Co.

**TUNZAR**

The Green Place Coffeeshop



**PINEAPPLE CHUNK**

Barney's Farm Seed Co.



**GREEN HOUSE ICE**

Green House United Coffeeshop



**CARAMELLA CREAM**

Barney's Coffeeshop



**STARBU MELITZ**

HortiLab Seed Co.



**SOUL DIESEL**

Reserva Privada Seed Co.

**BLACKBERRY KUSH**

DNA Genetics  
Amsterdam Seed Co.



**GREY CRYSTAL**

Grey Area Coffeeshop



**ROF CREME**

Green House United Coffeeshop

# SEED COMPANY AWARDS

Each year at the Cannabis Cup, bud breeders enter 40 grams of their best strains to wow the assembled celebrity and expert judges and win awards of their own. These winners are chosen by an illustrious panel that this year included Addison DeNour and Russell Wiggins of Steep Hill Lab; Dale Gieringer of California NORML; Jason Hensley and Geoff K. of Ray Rae's Medicine, Montana; hip-hop artists Curren\$y and Chace Infinite; graffiti legend Vulcan; hip-hop founders Coke La Rock and Busy Bee; Miss HIGH TIMES 2010 Brittany Wagoner; and several other respected aficionados and connoisseurs.

## Seed Company *Sativa*

### 1st Place

## ACAPULCO GOLD

### Amnesia Seeds

Old-school genetics made quite a splash this year in the *sativa* category, and you couldn't find a better example than Acapulco Gold. Sissi from Amnesia Seeds scored points in every category with this true-bred *sativa* with a downright racy high. Several judges used the word "tropical" to describe this unique entry and its long and pointy spears of goodness.

Almost astringent, with hints of pineapple, lemon and pine, the Acapulco Gold dazzled our panel with its sublime and potent effects filled with giddiness and laughter. Several judges were transported back to their earliest experiences getting high, bouncing off the walls and giggling uncontrollably. Heady stuff from a breeding outfit poised to win many more awards in the future thanks to their excellent breeding and selection process.

### 2nd Place

## CHOCOLOPE

### DNA Genetics Amsterdam

Another strain with old-school origins, Chocope was among the HIGH TIMES Top 10 Strains of 2007 after winning second place in that year's Cup. The DNA boys combined their Cannalope with an heirloom Chocolate Thai to produce this spicy selection with a cerebral high and that classic Chocolate flavor and odor.

Its slightly longer flowering time is made up for with a nice harvest of fruity, light green buds that taste every bit as good as they look. Unseasoned smokers should be wary, however: Stifled giggles can soon turn into gales of uncontrollable laughter, and some people even report racing hearts and bursts of paranoia as among the symptoms of over-puffing this strain.

### 3rd Place

## SOUP POWER

### HortiLab

First-place winners in the *indica* category last year with Starbud, HortiLab represented Germany to the fullest this year with their Sour Power, Starbud's *sativa*-dominant sister crossed with the East Coast Sour Diesel. Super-frosty, these dark-colored, golden-green buds smell kushy and burn to a clean, white ash. Earthy, piney and sweet, well-manicured nuggets of Sour Power form into chunky, crystal-encrusted balls of hashy goodness with a smoke that expands in the lungs.

With multiple wins in several categories (including first place in Seed Company Concentrates for their Starbud Meltz), HortiLab combines the best of Europe with the best of North America to produce an intercontinental cannabis powerhouse.



A microscope provides a closer look at buds and hash.



Samples rolled and ready for the judges.



Chocope in full bloom, almost ready to harvest.

## Seed Company *Indica*

### 1st Place

## KOSHER KUSH

### Reserva Privada

A true favorite that jumped to the top ranks immediately, Kosher Kush represented the finest of Southern California's vast array of *indica*-dominant varieties like OG and SFV Kush. Everyone marveled at this one, and kept coming back for more of its aromatic and potent qualities.

Don and Aaron from DNA Genetics started Reserva Privada as a way to highlight their unsung breeder buddies back home after they moved to Amsterdam from LA. They've done their homies proud, releasing this intensely sour selection with a pungent, menthol odor and plenty of Diesel kick. Aaron told us the Kosher Kush was actually blessed by a rabbi. Who knew?

### 2nd Place

## COLD CREEK KUSH

### T.H.Seeds

Colorado makes its Cannabis Cup debut—mere months before the first-ever HIGH TIMES Medical Cannabis Cup launches in Denver—with a strain from the Rocky Mountains region that takes the Kush odor, power and taste to the next level. Small, light green nuggets of potent, crystal-covered buds break up easily in a grinder, leaving behind a strong fuel smell reminiscent of the strongest of Kush strains.

Since spending some time in Denver recently, Adam from T.H.Seeds has been seeking to shine a light on the region's finest genetics, and Cold Creek Kush qualifies instantly. Hip-hop artist and cannabis connoisseur Curren\$y pegged it as a Kush strain right off the bat and predicted it would place in the top three for sure ... and he was right!

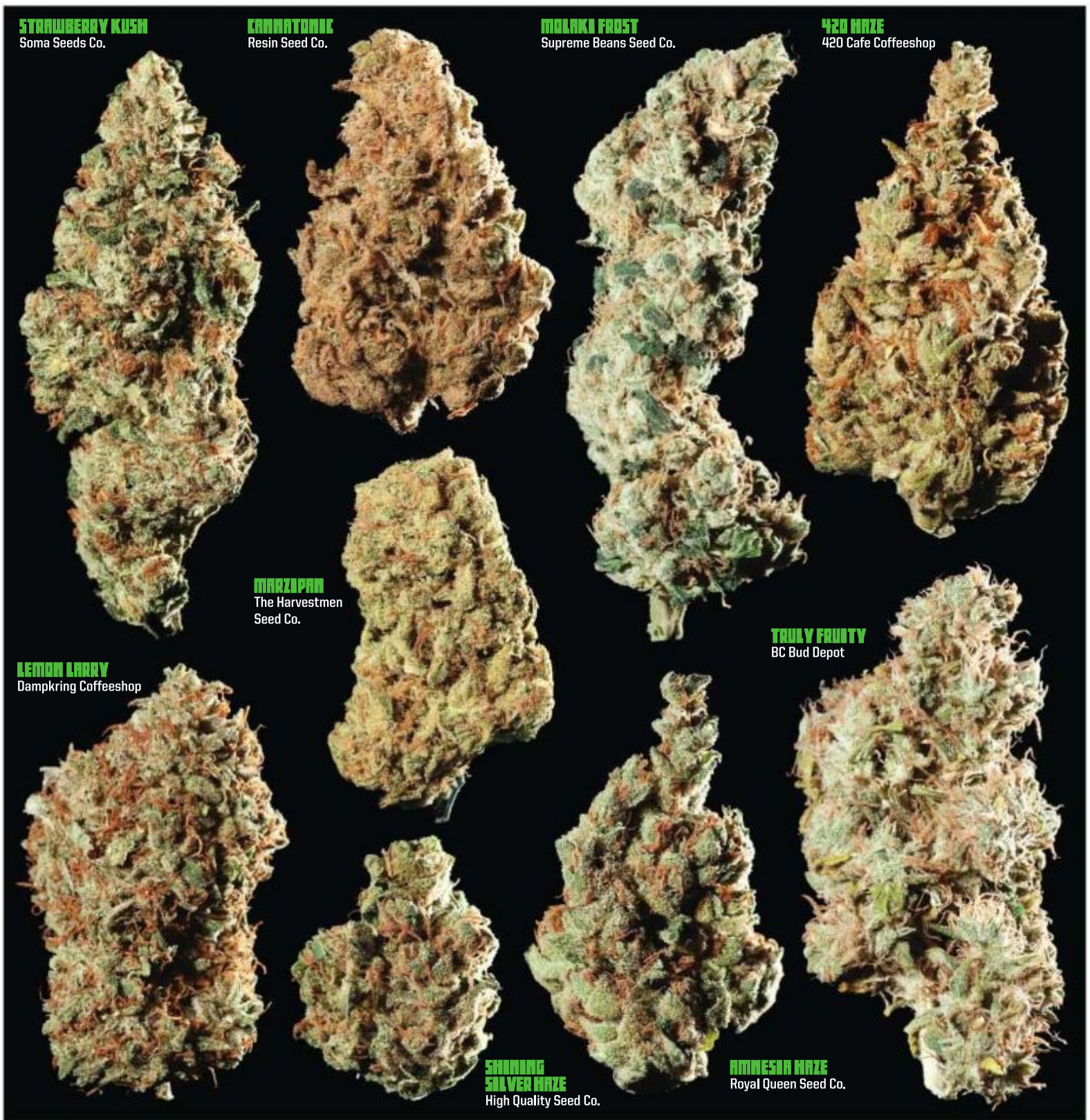
### 3rd Place

## WHITE OG

### Karma Genetics

This first-time entry wowed everyone in the judging room and was the quickest to get smoked. The soon-emptied jar attested to its popularity as a frosty, *indica*-dominant entry that pleased us all. One expert judge said it reminded him of Headband, and we couldn't argue with that assessment.

K.G., the breeder for Karma Genetics, almost placed in the *sativa* contest with his Dominator (Kushage x Jack Herer), but he ultimately scored with the zesty White OG, a distinctively shiny combination of the White crossed with SFV Kush. Properly dried and manicured, these buds exemplify what it means to be an *indica*-dominant dank.



**STRAWBERRY KUSH**  
Soma Seeds Co.

**CANNATONIC**  
Resin Seed Co.

**MOLAKA FROST**  
Supreme Beans Seed Co.

**420 HAZE**  
420 Cafe Coffeeshop

**MARZIPAN**  
The Harvestmen  
Seed Co.

**TRULY FRUITY**  
BC Bud Depot

**LEMON LARRY**  
Dampkring Coffeeshop

**SHINING  
SILVER HAZE**  
High Quality Seed Co.

**AMNESIA HAZE**  
Royal Queen Seed Co.

**Seed Company Concentrates**

**1st Place**

**STARBUD MELTZ**

**Hortilab**

Golden bits of full-melt bubble that quickly disintegrated yet left the Sour Diesel flavor of the strain completely intact when smoked.

**2nd Place**

**SOUR DIESEL**

**Reserva Privada**

Another perfectly burning extraction that kept its distinct taste and odor without compromising the integrity of the burn.

**3rd Place**

**BLACKBERRY KUSH**

**DNA Genetics Amsterdam**

DNA proved yet again that they're masters of hashmaking with these clean and tasty morsels that bubbled away to nothing when lit.

**Selected Coffeeshop Favorites  
From the Expert and Celebrity Judges**

**SLEAZE**

**The Noon**

Long known as a spot for true cannabis aficionados, the Noon be-

came a staple after winning Cups in 2000 and 2001 with their legendary Blueberry. Their entry this year burned clean and smooth, with a skunky odor and flavor that tasted great down to the last hit.

**KAAS KUSH**

**Betty Too**

This pungent first-time entry from a comfortable shop for connoisseurs enticed us all, especially the legendary graffiti artist Vulcan, who declared it his favorite. *Kaas* is Dutch for "cheese," and everyone who tried

it agreed that this version of Cheese exhibited the best qualities we've come to expect from the strain.

**CHEMDAWG**

**De Kroon**

A perfect example of our beloved East Coast staple (a.k.a. Chemdog), this Chemdawg kept drawing the judges back to this centrally located shop for its many outstanding selections of weed and hash. The varieties sold here are proof that great-tasting, clean-burning cannabis can indeed be found in Amsterdam. 🌿



# Castle Marijuana Seeds



## Welcome to Castle Marijuana Seeds



Allow me to welcome you to our store. I hope we will become your marijuana seeds supplier of choice.

We are a professional, family run operation with a commitment to service that is sadly so often lacking in this industry of ours. All our postage options are free and I guarantee the safe and prompt arrival of your seeds.

OUR PRICE GUARANTEE

**I PROMISE we will beat our competitors prices**

*Thomas Henry Castle*

# ROLL UP ROLL UP Quality Seeds FOR Sale

[www.Castle-Marijuana-Seeds.com](http://www.Castle-Marijuana-Seeds.com)

SEC. 34.66 P. L. & R.

**F.R.E.E  
GUARANTEED  
SHIPPING  
ON ALL ORDERS**

Simply select our free registered mail option and I promise to replace any order that does not reach its destination

**safely and promptly. No quibbles.**

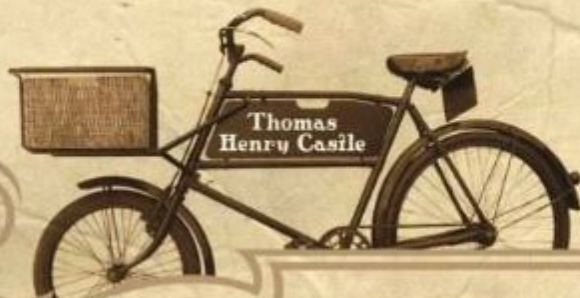
All seeds are in stock and ready for immediate shipping from the UK. The strength of my guarantee ensures that stealth is as important to us as it is to you. *Less than 1% of our orders fail to reach their destination*

*No Quibbles!*

### My Pledge in brief

- ❖ We only stock fresh seeds from reputable seed banks.
- ❖ Our delivered prices are the best on the internet.
- ❖ I personally guarantee the safe arrival of your seeds.

*Thomas Henry Castle*



Find the total price inc. shipping, and send us the specific link. (Exact seeds, shown as in stock, from reputable seed banks)

# Thomas Henry Castle

# 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

VISA MasterCard DISCOVER American Express  
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

# 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 scored 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.



Cannabis Cup is a registered trademark of True High Corp. and is used with permission.



# CANNATONIC



ACQUISITION OF LIVE CANNABIS SEEDS IS ILLEGAL IN THE UNITED STATES

PAYABLE IN US DOLLARS FROM ANYWHERE IN THE WORLD

# HIGH TIMES

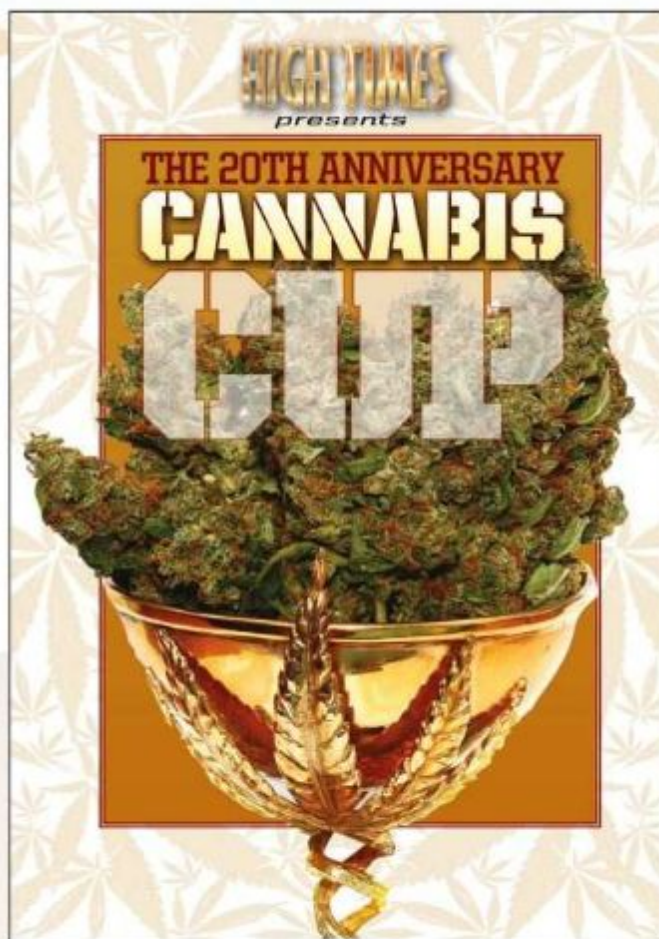
presents

## THE 20TH ANNIVERSARY CANNABIS CUP DVD

Bring the world's biggest pot party to your very own living room. The *20th Anniversary Cannabis Cup* DVD is loaded (just like you) with over 60 minutes of performances, interviews and non-stop smoking of the biggest and best buds in the world. You'll laugh, you'll dance and you'll want to rip your bong. Relive the magic or see what you missed –this DVD is a must have for any stoner.

### FEATURING:

- ✦ Redman
- ✦ Cannabis Cup founder Steven Hager
- ✦ The Homegrown Band



### THE DVD INCLUDES:

- ✦ Exclusive Redman performance.
- ✦ High resolution photos of the winning buds.
- ✦ A peek inside the Sacred Temple at the celebrity judges as they choose the world's greatest pot.
- ✦ The world's biggest bong.
- ✦ 100 gram Joints.
- ✦ Hilarious interviews.
- ✦ More buds, joints, bongs and vaporizers than you've ever seen in your life.

**BONUS:** Includes Amsterdam coffeeshop guide booklet!

**ONLY \$16.<sup>99</sup>**

## WORLD'S BIGGEST POT PARTY!



Warning: After watching this DVD, you may need to smoke excessive amounts of marijuana.

**ON SALE NOW!** Visit: [headshop.hightimes.com](http://headshop.hightimes.com)



# Advanced Water

## Part 2 **Outdoor Water Harvesting and Application.** By Hugh Jielder

*In the first of this two-part series (Feb. '11 HT), we discussed the important technical details and typical pragmatic concerns involving the use of water in recirculating indoor grow systems. We now shift our focus to the opposite extreme: outdoor organic gardening. Since outdoor organic growers confront a different set of problems, this will be new territory for some people. Here, we'll cover outdoor water-collection techniques as well as the application of that water in organic operations. But don't worry if you're an indoor grower—this article is just as much for you, since we all, at some point or another, are tempted by the powers of the sun!*

### **Water Sources**

Indoor growers tend to be more concerned about their water's quality than in how they will procure it. That's because in more urban areas, water sources are readily available and running water easily furnished. But outdoors (and especially in more rural areas), this isn't always the case. Knowledge about water quality (and how to improve it) is only half the battle: The first concern for outdoor growers is less about what's in their natural water supply and more about how they're going to procure it, store it and apply it to their gardens.

Outdoor growing appeals to cannabis growers for two main reasons: first, because their plants can be far larger, and second, because the plants love natural sunlight (which, of course, isn't billed in kilowatt hours). And in regions where local deputies count plant numbers to determine the legality of a grow, bigger is indeed better.

Outdoor *organic* growing is popular not only because of the product's ultimate quality, but also because it can be drip-irrigated much more easily. To a grower, this means two things. First, their waterings are extremely efficient, since there's little waste involved. But it also means that the grower can leave the garden for a handful of days at a time. This is vital because, as much as we all appreciate nature, most of us aren't prepared to be permanently tied to our gardens as though we were living in simpler times.

### **Scoping Out a Spot**

The first thing (other than the light situation) that many indoor growers will notice when choosing their first outdoor grow spot is that many locations lack a functional well or water source as well as the necessary plumbing. That's because wells are incredibly expensive to drill (about \$100-plus per foot), and there's no guarantee that drilling will hit water.

The absence of a well should not be thought of as a deal killer when buying cultivation property or scouting for garden locations, however; the remotest, most private and security-perfect locations usually tend to lack a well. Given the choice between security problems and water problems, most growers will choose water problems. And although the image of a grower sleeping with a gun beneath his pillow has become a popular stereotype with law enforcement, some of the best grow spots out there are protected by nothing but obscurity and a rugged landscape. These spots can go unvisited for years without any gate, fence or guard dog.

The sun drives plants hard in the great outdoors and water is gold in the garden.



### Water in the Hole

In outdoor organic cannabis grows, plant holes *have* to drain, and they must drain well. This problem tends to plague growers who work in clay-dominant areas, as clay is the finest of all of the soils. It's okay if some water collects at the bottom of each hole, but plants will simply stop growing (and possibly even succumb to illness) if large amounts of water accumulate in their holes between waterings.

The reason for this is simple: The soil food web, which organic plants depend upon for life, must breathe oxygen in order to deliver nitrogen (N), phosphorous (P) and potassium (K) to the roots. Excessive water displaces that oxygen and can leave outdoor organic plants looking yellow and sickly from lack of nitrogen. A nitrogen-based organic tea can provide quick help, but the hole should first be fully drained and dried out, which can be a slow process—and some oversaturated plants may never fully recover.

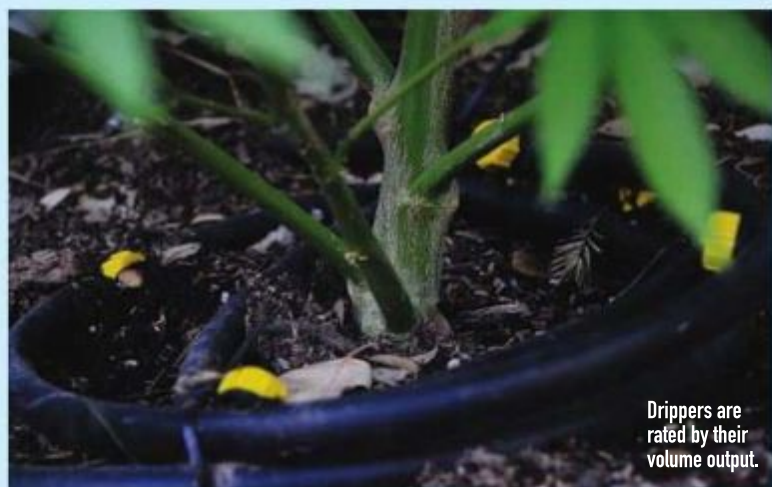
Keep in mind that soil can vary tremendously from one spot to another. If there exists any doubt as to a particular area's drainage, a soil-moisture meter with a long probe (sized to the depth of your holes) can cast the deciding vote. Since the probe measures moisture at its tip, pushing it down the

depth of the hole can provide a basic idea of the moisture levels throughout. However, these probes aren't intended to remain in the hole as a continuous meter, and they can require regular calibration.

A drainage problem might convince some growers that they should stick to above-surface beds or container boxes. To check out the drainage in a particular spot, dig a hole and fill it with water as a test. If the water appears to stay trapped in the hole for more than a day, either pick another spot or go with raised beds. A safe bet would be to size the beds large and build them with thick wood that hasn't been pressure-treated. This will help to insulate the roots a bit from any extreme temperatures, and the microorganisms in the soil will be happier without the toxic wood preservatives. Substances like arsenic are used to treat wood because they help prevent wood rot, but they are also poisonous to life. Organic farms will not use treated wood for this reason, as it kills the beneficial life in soil.

If the grow spot is on the side of a hill, it's important that the holes or beds form a level container. When the top of the soil slants, any quick flush with a hose will tend to skim over the top of the hole rather than run down into it. This is especially important when dry, supplemental top dressings are applied to the topsoil, as growers don't use drip-irrigation systems to apply them.

Gravity isn't the only force of nature moving water in soil. Capillary action also tends to spread the water outwards. Just how much spreading occurs depends upon the type of soil being used: For example, clay spreads water the most and sand the least. In the ideal *loamy* soils that organically grown plants prefer—soils where the sand, silt and clay are "in balance"—the drippers should generally be spaced 16 to 18 inches when using standard 0.5 to 1 gph (gallons per hour) drippers.



Drippers are rated by their volume output.

### How Much Water Storage Is Enough?

Outdoor growers should study the typical rainfall patterns for their prospective grow location before the growing season begins. If the calendar year breaks down into distinct wet and dry seasons, it may be necessary to hoard water in the months preceding the arid conditions in order to finish flowering. Using a range of estimates for approximate water consumption per plant, growers should calculate their best- and worst-case water-storage requirements for those dry months.

If the grow spot is a new and unfamiliar one, it won't be obvious at first exactly how long after the last rainfall it takes until all of the available water sources dry up. It might require many weeks of drought before the water line in a ravine creek bed drops below the soil line, turning the creek into seasonal dots. And, as a general rule, never ignore your worst-case scenario.

The decision to bring in a water truck is often a complex issue. By positioning water-storage devices uphill and away from plants, water-truck drivers can be employed with less fear of the security ramifications. If possible, places where the driver might see the plants should be blocked with fencing and transplanted native vegetation. Water trucks are supposed to leave empty, so don't fill them with fresh gossip on their way out. Small, remote towns are notorious for their gossip.

It's generally a bad idea to position a water-storage device at lengthy, horizontal distances from its garden destination when the water is being propelled by nothing more than gravity. In rugged terrains, long, horizontal, gravity-fed runs are reliable so long as the line declines at a continuous negative slope.



A booster pump moves water from a spring to gardens at higher elevations.



A simple bucket can make an excellent foot valve or sediment filter.

## Booster Pump It

It's now pretty well known that helicopter pilots on a search expedition for outdoor marijuana grows will look for, among other items, black "poly" plastic tubes branching off creeks and rivers. Even if the region is properly zoned for medical marijuana and all of the paperwork is in order, this doesn't mean that law enforcement will take kindly to growers helping themselves to the local water. In many locations, a thicket of legal regulations and fees often prevents the extensive drawing of surface water.

A typical scenario for a mountainous environment in the Northern Hemisphere is for the grower to set up gardens on a south-facing hill above a creek. How far uphill is a critical detail, because at around 8 pounds per gallon, water is incredibly heavy. Over the years, accordingly, engineers have spent a lot of time devising ingenious ways to move water uphill. For those of us lacking any knowledge of mechanical engineering, the simplest, cheapest option is to purchase a multi-stage booster pump and a generator to run it.

What's important to understand about booster pumps is that they're far better at pumping horizontally than vertically. A typical ratio of horizontal-to-vertical pumping capabilities can be on the order of 5:1. When planning to grow in mountainous terrain, purchase a cheap altimeter before shopping for the right booster pump. Use the altimeter to determine the vertical-height difference between your water source and your garden plot, and measure out

the linear pipe-run distance by walking it out. With these numbers in hand, contact several pump experts to find the lowest quote.

A pump expert can also suggest specific pipe diameters for the pump's input and output. It may take numerous plumbing adapters to connect the pump's output to the main run of flexible poly hosing. One of these pieces should be a check valve, sized to the pump's output, which protects the pump when it's shut off. Without the check valve, water will try to flow backwards and spin the motor in reverse, potentially damaging the pump.

Booster pumps require priming before they'll pump, and they must be secured in some manner to keep them from recoiling. These pumps are non-submersible and should be placed as close to the level of the water source as possible without exposing them to fluids that could short out their electronics. Since booster pumps come in both 120- and 240-volt varieties, the generator must be capable of operating at the pump's preferred voltage. If it's 240 volts, then the generator must be grounded with a copper rod at the pumping site. If the generator needs to be used further uphill as well, then be prepared to move it up and down the hill, and do not expect to run the pump on a 500-foot standard household (14-gauge) extension cord.

Remember that booster pumps are susceptible to damage if the water source runs dry. Also, the water intakes should be protected from all sizes of debris with a "foot valve" attached to the inside of a bucket with slits. If there's any risk that the pump might dry up its source, the water flow should be closely monitored. When creeks finally do dry up, this is a good time to roll up your sleeves and manually shovel out the water-collection point so that, when it eventually refills, the collection basin can hold more water.

## Other Water-Collection Tricks

Since water is so heavy, outdoor growers are serious about their water collection. Water falling down a hill past plants is a missed opportunity. Since the engineering required to capture it can be minimal, this is about as free

as water gets. Some growers simply collect rainwater off of their rooftops all year long via gutters. Tarps on a hillside can do the same thing if they're properly oriented and have a good siphoning route to storage tanks.

When a water source carries a lot of silt, over time it can clog your hose lines. To address this problem, a spring box can be created to capture the junk before the water enters the hose. This is really just a glorified plastic trashcan with bulkheads installed across from one another. The silt in the water will settle at the bottom of the bin before it enters the spring box's output, but it will require regular emptying.

Another popular method for collecting water from natural mountain springs or streams is to use a collection pipe at the water source. A collection pipe can be easily constructed onsite with a few basic components. The idea here is to cut quarter-inch-wide lines into a 4-inch pipe. (Keep in mind when cutting that circular holes, for some reason, can cause air-bubble problems.) Seal one end with a 4-inch cap and use plumbing adapters to connect the other end to a long three-quarter inch hose. Attach a drainpipe sock with plastic ties to keep dirt from entering the slits in the 4-inch pipe. Place the capture device in the path of the running water, pin it down with large rocks, and build a small dirt dam to direct the water into it. Watch out for air bubbles and kinks in the hose run. Thousands of gallons can be quickly captured in this manner.



# ONTARIO SEED BANK

**NORTH AMERICA'S FIRST AND ONLY LEGAL SEED SHOP**



## BULK PACKS

**SAVE LARGE!**  
XXX-420 \$200 50pk  
SKUNK \$250 50pk

**N-LIGHTS** \$300 50pk  
**H-PLANT** \$300 50pk  
**W. WIDOW** \$350 50pk

## WORLD BRANDS IN ORIGINAL PACKAGING!

### ONTARIO'S BEST

- OB1 WHITE WIDOW
- OB2 BIG BUD
- OB3 NORTHERN LIGHTS
- OB4 H-PLANT
- OB5 SUPER SKUNK
- OB6 PURPLE SKUNK
- OB7 SWEET TOOTH
- OB8 SKUNK #1
- OB9 XXX-420
- OB10 AFGHANI
- OB11 BLACK DOMINA

### PARADISE SEEDS

- P1 BELLADONNA
- P2 DURGA MATA
- P3 DUTCH DRAGON
- P4 NEBULA
- P5 SENSI STAR
- P6 SHEHERAZADE
- P7 SWEET PURPLE
- P8 AMSTERDAM FLAME
- P9 SUGAR BABE
- P10 SWISS BLISS
- P11 MAGIC B

### SUBCOOL

- SU1 PANDORAS BOX
- SU2 SPACE QUEEN
- SU3 JACKS CLEANER 2
- SU4 JACK THE RIPPER
- SU5 THIRD DIMENSION
- SU6 AGENT ORANGE
- SU7 DEEP PURPLE
- SU8 JILLY BEAN
- SU9 QUERKLE
- SU10 THE FLAV

### WILD ROSE

- W1 5-STAR
- W2 ASSHOLE
- W3 BLUE MOUNTAIN JAMAICAN
- W4 COLOMBIAN GOLD
- W5 ROSEBUD
- W6 SKUNK INDICA
- W7 SKUNK X JAMAICA
- W8 SS EARLY BUD
- W9 WILD WEST

### SERIOUS SEEDS

- SE1 CHRONIC
- SE2 BUBBLEGUM
- SE3 KALI MIST
- SE4 WHITE RUSSIAN
- SE5 AK 47

### DUTCH PASSION

- DP1 SKUNK #1
- DP2 POWER PLANT
- DP3 OASIS
- DP4 CAL. ORANGE

- DP5 MAZAR
- DP6 WHITE WIDOW
- DP7 BLUEBERRY

- DP8 FLO
- DP9 SKYWALKER
- DP10 STRAWBERRY COUGH

# FREE PACK

WITH ORDERS OVER \$250

WE HAVE FEMINIZED



FREE DELIVERY on orders over \$25



DANK DELIVERY 416-255-9333 LINE

**HUNDREDS MORE AVAILABLE! WE HAVE IT ALL!**

# SHOP IN PERSON IN A SAFE ENVIRONMENT



## HAPPY 35<sup>TH</sup> ANNIVERSARY HIGH TIMES

|                     |     |                |
|---------------------|-----|----------------|
| < Detroit, Windsor  | 401 | Montreal, QC > |
| < Niagara Falls, NY | 427 |                |
| Browns Line         | QEW | Yonge          |
| Lakeshore Blvd. W.  |     |                |

3351 Lake Shore Blvd W - Toronto, ON M8W 1N1  
**416-255-5355**  
 MON to SAT 10am - 7pm | SUN 10am - 4:20pm



Canadian owned and operated.

Directions: Take QEW Toronto to Cawthra Rd exit, then south on Cawthra to Lakeshore Blvd. Go east on Lake Shore Blvd for 5 miles. Look for the neon '420' sign on the south side of the street.

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

This black poly storage tank holds 3,000 gallons of water. Larger trees can drink up to 10 gallons a day. You do the math.



## Organic growers rely upon the soil food web - the microscopic fungi and bacteria that electrically interact with plant roots - for their daily feeding.

### Water Storage Options

Outdoor growers have a few options for water storage. The simplest, by far, is the black or green poly water tank. Even at 2,500 to 5,000 gallons, these tanks can be hauled in a rented trailer attached to a four-by-four on any road with sufficient clearance. And they are surprisingly light enough to be rolled around by three or four people.

Poly tanks make the most sense because they can be used for gravity-feeding a garden with a simple, battery-operated “gravity-feed” timer. These timers are specifically designed to work with very low line pressures, and they often do it reliably for an entire grow season on just two AA batteries. Poly tank manufacturers generally advise against the use of rigid PVC connections to these tanks, as any shifting of the ground (such as from a minor earthquake tremor) can rupture those lines and drain the entire contents of the tank.

A person could be forgiven for thinking that the water in the black poly tank would, on the hottest days, heat up under direct sunlight. But this never really happens, even when the tank is exposed to the full, blazing sun. The more likely water-temperature problem pertains to the (typically black) poly line that carries the water from the tank to the plants. When exposed to direct sun, these lines can heat the water up to scorching temperatures. However, hot water from this black poly line is really only an issue when the line is first discharged,

unrestricted, through the end of a hose (and even then, only for a number of seconds).

Water can also be stored in giant rubber bladders, which are a cost-effective strategy for enduring an extended dry season. These bladders can be as large as poly tanks, if not much, much larger—some of them hold up to 50,000 gallons! Typically, these storage bags are used by the military and are food-grade quality. Some look like giant waterbeds more than 10 feet tall; others are more like 20-foot-long socks that are meant to lay on a very slight incline—though be very careful when placing these on any non-level ground, since once they get to sliding, there’s no stopping them. The problem with bladders is that, although they make for a very cheap water-storage solution, they don’t naturally lend themselves to simple gravity-feed systems because there’s no drain at the bottom. Most growers use pumps to extract water from them.

### Automated Gravity Drip-Feeding

Organic growers often water and feed separately. That’s because many waterings rely upon the soil food web—the microscopic fungi and bacteria that electrically interact with plant roots—for their daily feeding. This makes watering outdoor organic gardens a drip-irrigation problem that can be easily automated. And overworked outdoor growers tend to perk up and pay attention when the word *automation* is used.

Even when utility electricity is readily available, gravity tends to be the more reliable option. Automated reservoir-based irrigation systems are most reliable when they’re designed as a gravity-feed system from the start. In order to put gravity to work, tanks should be generally situated some height above the garden. Approximately 2.3 feet of height is required to produce one pound per square inch (psi) of water pressure in a pipe. This means that a drop of 23 feet will generally produce 10 psi. Water in the reservoir will add to this pressure, while tubing thinner than half an inch can subtract from it. It is possible, however, to create a gravity-feed drip-irrigation system that works at less than 10 psi.

Drip-irrigation systems should never depend upon quarter-inch poly line for long runs; that size is just way too small. Instead, stick to an inside diameter of no less than half an inch for longer runs. A roll of 1,000 feet of half-inch hose can be purchased for just \$70. Use plastic tees to split the line and plugs to end runs. Button drip emitters will fit into holes created with hole punches specifically designed for this purpose. Soaker hose works, too.

Make sure that *all* of the connections are secured with hose clamps. This is vital because direct sunlight will cause the poly tubing to become flexible and expand (which also makes it *far* easier to connect, by the way). The heat energy from sunlight can disconnect parts of the system in just a matter of days if hose clamps aren’t used.

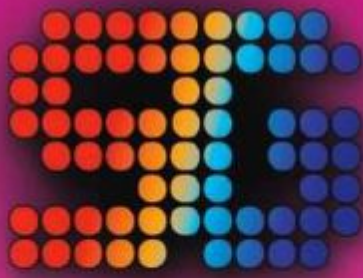
The number of plants that can be watered on a single timer depends upon the number of drip emitters per plant hole, the gallons per hour discharged by each dripper, and the size of the timer’s valve orifice. In order to water more than 25 plants with one timer and five drippers per hole (which, combined, release 2.5 gallons per hour), the grower would want to make sure that the timer orifice is larger than half an inch. These timers are pretty cheap, so it’s not a big deal to buy more than one.

### Plumbing

Anybody who’s tried to piece together plumbing parts is likely familiar with the difference between hose and PVC threaded parts. These two threading types may look similar, but they will not fit together very well, which means the connection will leak. Hose-to-PVC adapters are available for switching between the two. This sort of adapter might be required, for example, to couple the gravity-feed timer with rigid PVC, since most timers are designed to work with hoses.

PVC adapter ends are qualified as threaded or “slip” (flat) as well as “male” (“MIPT”) or “female” (“FIPT”). As nature would have it, the “male” part here obviously fits into the “female.” Permanent threaded connections are typically sealed with several layers of Teflon tape, whereas permanent slip-based connections are primed and then sealed with PVC glue. At some point in every cost-effective drip system, the line will have to switch to flexible black poly, and these lines are connected with male “barbs” that are tightened to the poly line with hose clamps.





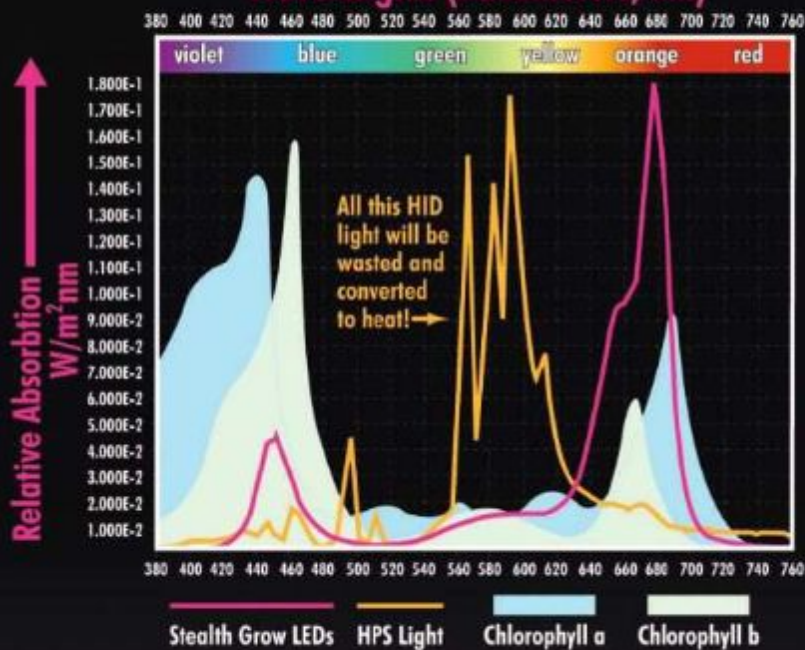
# STEALTH GROW LED™

## The LED Lighting Revolution is Here!



Whether replacing existing HID lights or starting from scratch, our LED's are a better choice. LED lights are easily interchangeable with HID's. Examine the advantages; we are sure you will be convinced.

Wavelengths (nanometers, nm)



**Intensity** – While LED technology has been promising, growers have complained of wispy results. The reason for this is insufficient light intensity. Stealth Grow has solved the intensity problem. Our 2 watt chips deliver the intensity your plants crave!

**Low Heat Output** – Stealth Grow LED's convert electrical current to light energy so efficiently that they generate only a negligible amount of heat. There is hardly any detectable heat signature.

**Low Wattage and Amperage Draw** – Stealth Grow LED's feature a step-up transformer to reduce the actual power draw to only 356w and 587w. Minimal Wattage Draw allows you to run multiple lights off a single circuit and greatly reduces electricity costs!

**Color Spectrum** – Stealth Grow LED's four chip color spectrum is patent pending. Stealth Grow LED's minimize unnecessary wavelengths of light and focus on efficiently producing the usable spectrum that plants can absorb!

### SG 602

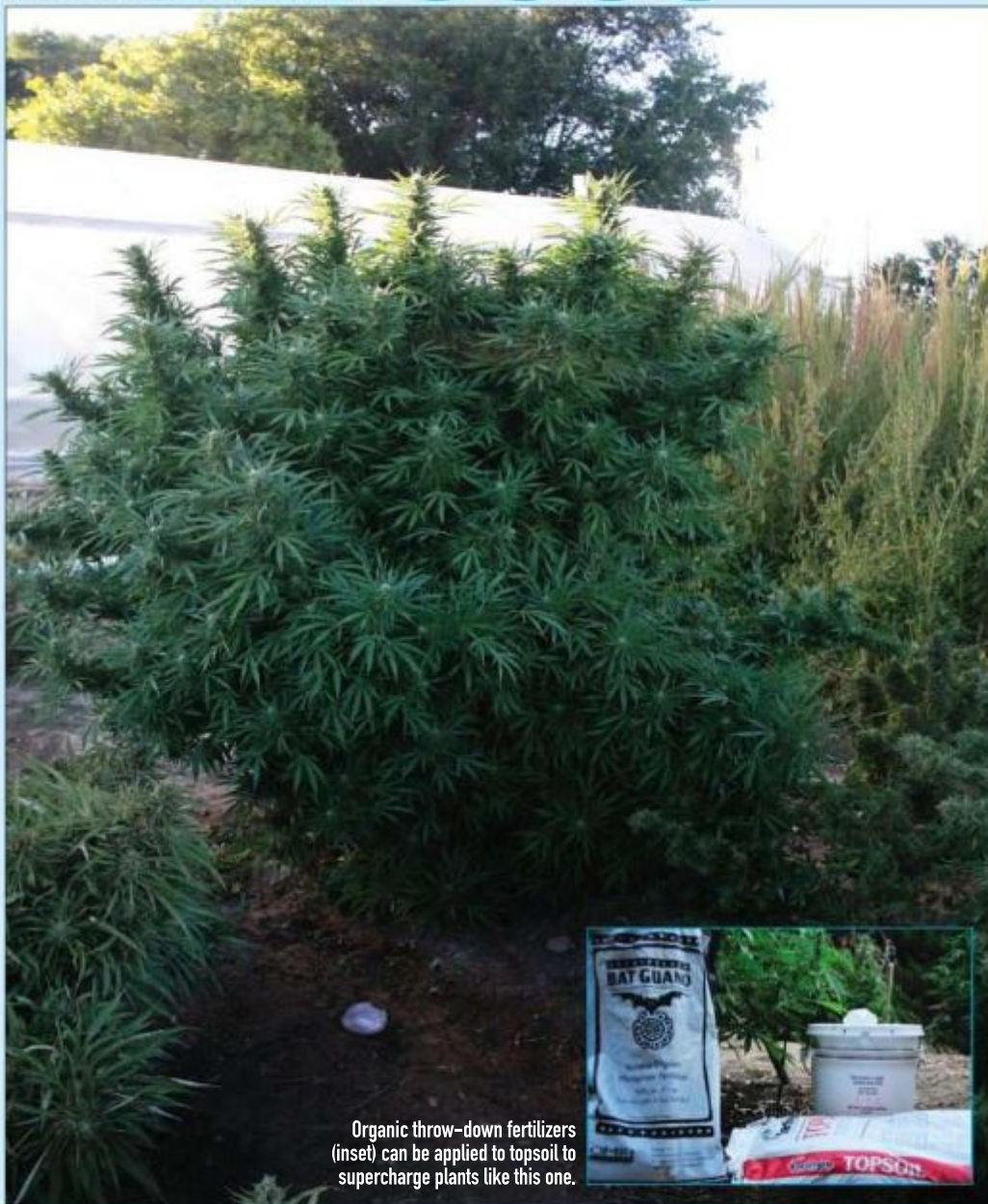
Wattage – 600 Watts; Actual Power Draw 356 watts  
1.5 amps @ 220 volts; 3 amps @ 110 volts  
LED Chip Power – 2 Watt Hi-power LED chip  
LED Lifespan – 50,000-100,000 hours  
Dimensions – 13" X 19" X 3.5"  
Number of LED's – 288  
MSRP - \$1599.00



800.770.9788 • [info@stealthgrow.com](mailto:info@stealthgrow.com)  
[www.stealthgrow.com](http://www.stealthgrow.com)



Available from participating  
Advanced Nutrients retailers



Organic throw-down fertilizers (inset) can be applied to topsoil to supercharge plants like this one.



Terraced hillsides with tanks set above them make for easier water delivery.

## Watering and Feeding Organic Plants

Unlike the store-bought bags, high-quality compost-based organic soils don't necessarily always require supplemental nitrogen for the entire grow season. But when outdoor organic plants do require supplemental nitrogen, potassium or phosphorous, organic growers have a decent variety of natural food sources to choose from. They can brew an organic tea, dilute the concentrate, and hand-water with that. Or they can evenly apply a dry organic supplement like bat guano to the topsoil before soaking the plant site with a hose. The outdoor grower has some flexibility in when this occurs, and all of the waterings in between are just plain (preferably oxygenated) water.

This means the poly lines never carry anything other than just plain water, which helps to eliminate any food sources for pathogenic bacteria that might otherwise set up shop within them. Keep in mind that if the black half-inch poly lines manage to escape physical damage like kinking, they will eventually become brittle and crack if exposed to a lot of direct sun. However, most substances can screen ultraviolet light, the sun's most damaging rays. Anything from good tree coverage to leaf or grass trimmings can go a long way in preventing line damage.

## Sample Garden Notes

One typical outdoor organic grow, which we'll use here as a sample garden, involved plant holes measuring 32 inches wide by 24 inches deep. The Romulan Diesel plants weren't transplanted into the ground until mid-July, but they nevertheless grew to 4 feet high and 5 feet wide. The holes drained extremely well, and each plant was equipped with five drip emitters, each of which emitted a half-gallon per hour, for a total of 2.5 gallons per hour per hole.

Mid-sized (4-foot) plants in loamy organic soil can actually go many days without feeding once the holes have been saturated. But part of the beauty of drip irrigation with organic gardening is that the soil food web is happier with the consistent water supply that drip-irrigation systems generate. Even if the plants are capable of sustaining drought and saturation, mycologists know that fungal mycelia prefer a very specific moisture level in order to function at their maximum potential. These mycelia are absolutely crucial to generating huge-yielding plants. If properly implemented, drip irrigation can boost these microbes to perfection.

In a general sense, growers should expect to find many pragmatic differences between organic

and synthetic grow techniques due to the dramatic differences in their modes of operation. For example, to avoid both under- and overfeeding with outdoor organic plants, custom feeding programs should be tailored to suit the weather forecasts. When the weather report predicted a hot day (above 90°F), our sample garden was watered a total of two hours (5 gallons) for the day. On a somewhat cooler day (above 80°F, but below 90°F), the same garden was watered for a total of just one hour (2.5 gallons); anything less than 80°F and watering for that day was completely optional. If the temperature stayed low for several days, the grower might water every other or every third day for some minimum amount of time. Hot plants sweat just like hot humans do, and extra water is spent in this process in the form of perspiration. While this is a necessary part of photosynthesis, it does require more water for the plants; otherwise, they'll burn.

Indeed, some organic-compost manufacturers will tell you that their soil can be *too* hot for plants. While heat is good—it means that biological activity is strong—really hot compost should be cooled before use or it will burn up the roots. If in a rush, apply an extended water drench by diverting rainwater onto large, hot compost piles. This will cool them faster, but it's still best to avoid using high-temperature compost until it's within the proper range, lest your garden suffer.

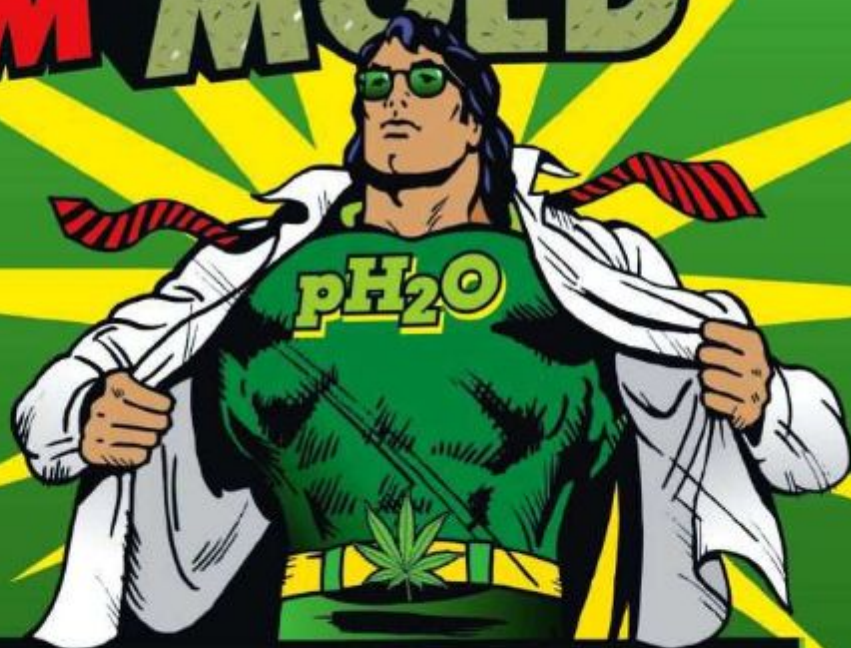
Organic compost-based soils with an exceptional level of biological activity should be buffered from the root-balls of transplanted plants using regular topsoil with a very low N-P-K level. Even just a few inches will keep the roots from getting burned by these powerful soils. Mycorrhizal mycelia will transport nutrients across this barrier without difficulty, and the grower will want to add them early on to make sure they populate the medium.

Growers who use some of these super-high-nitrogen organic compost soils should be careful when their soil completely dries out, because any rapid saturation of the soil after drought will sometimes release enough nitrogen to burn the plants. When drought occurs, switch the drippers on first before any drenching. Conversely, overwatering can have the opposite effect if it persists for weeks. At first, the plant will just stop growing; then the leaves will begin to take on a yellowish appearance, akin to a nitrogen deficiency or pythium attack in an indoor plant. These sick plants can still generate a very potent product, but they won't yield as much as others. ✨

# SAVING THE WORLD FROM MOLD

## pH<sub>2</sub>O

**KILL YOUR MOLD PROBLEMS WITH SUPER WATER\***



**New** [pH<sub>2</sub>O420.com](http://pH2O420.com)

Electrolyzed water is used around the world for medical, dental, food processing, personal and agricultural uses to cleanse, disinfect and kill most bacteria, viruses and MOLD. Less MOLD means greater crop yield and millions more in profit!

*pH<sub>2</sub>O is a safe efficient and green way to destroy MOLD fungi on plant leaves (for pennies per gallon).*

The revolutionary pH<sub>2</sub>O process uses simple calcium salt water, zaps its ions with electrical current and divides a gallon in five minutes into half Super Acidic and half Super Alkaline electrolyzed water.\* The Super Acidic water kills mold fungi, spores and yeasts in less than ten seconds. The Super Alkaline water cleanses the leaves and adds calcium reserves. It's also effective against slime and water mold.

*Japan has used this water on their tobacco plants to kill leaf mold for decades.*

The USDA, FDA and EPA have approved the use of electrolyzed water. It is an ecologically safe application and is now available to you. Spray Super Acidic water every few days followed shortly thereafter with a cleansing spray of Super Alkaline water. The Super water neutralizes to normal water after contact with organic matter. **ZAP MOLD TODAY!**

To Order: [pH<sub>2</sub>O420.com](http://pH2O420.com) • Tel: 541-326-1470

## pH<sub>2</sub>O420.com

**\$1495.00**  
plus S & H

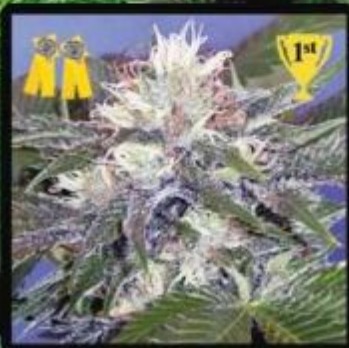


# VancouverSeed.Com

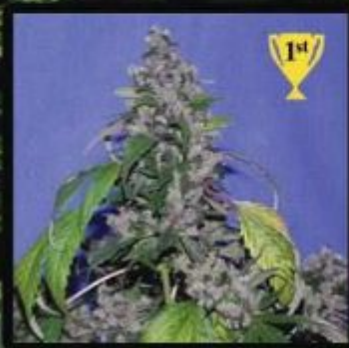
World Class Genetics  
Award Winning Breeds

mail order seeds @ [www.vancouverseed.com](http://www.vancouverseed.com)

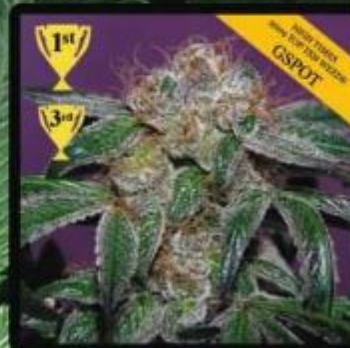
# VSSC



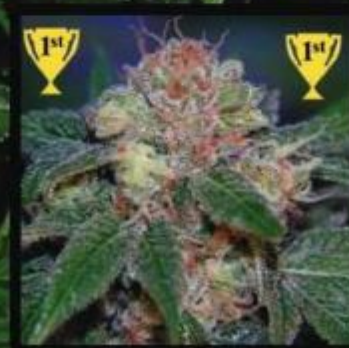
420



Lady Liberty



GSPOT



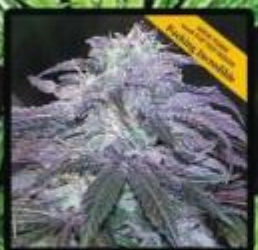
Burmese



Blackberry



Gold



Fucking Incredible



Mother



British Columbian



Kat

10 Seeds



Per Pack

**Vancouver Island Seed Company**


|                   |       |
|-------------------|-------|
| 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  |
| Eye                | \$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**

10 Seeds



Per Pack

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

**Liberty Seeds**

|              |      |
|--------------|------|
| Mother       | \$70 |
| Stealth      | \$75 |
| Lady Liberty | \$85 |
| Infinity     | \$65 |
| Justice      | \$70 |

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:

Vancouver Seeds  
PO Box 298, Station A  
Nanaimo, BC Canada  
V9R 5K9

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 start 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.

De-criminalize Cannabis and instead of spending our tax dollars destroying lives, money could be spent on more peaceful ground and demand it.

**REMEMBER  
PROHIBITION?**



**IT STILL DOESN'T WORK.**

**Fight Drug Violence. Legalize Marijuana.  
Join **NORML** Today!  
[www.norml.org/join](http://www.norml.org/join)**

Dan Fogler won the Tony Award six years ago. Here, he duplicates his winning pose while holding the HIGH TIMES Cannabis Cup.



# MAN AT PLAY

The HIGH TIMES Interview with Dan Fogler. Interview & photos by Dan Skye



For successful artists, there often comes a breakthrough moment—the point when they know they’ve stepped through the magic doorway and life will never be the same again. That moment came for Dan Fogler in 2005, when he won the Tony Award for Best Featured Actor in a Musical for *The 25th Annual Putnam Spelling Bee*. Since then, he’s been scoring big laughs in films like *Balls of Fury*, *Kung Fu Panda*, *Good Luck Chuck* and, now, *Take Me Home Tonight* with Topher Grace, set for release in March. Dan’s also got Disney’s *Mars Needs Moms* in the can, and he’s a producer with Studio13, the film and theater production company he helped to found. He also writes constantly and is currently directing his second feature film. As he puts it simply: “I can’t sit still.”

We’ll take him at his word. During our interview, Dan jumps from his chair whenever he feels the need to act out his thoughts. He performs instant, dead-on impressions of showbiz notables and has no problem engaging in a two-sided conversation with himself in order to make his point better. Best of all, he likes to stoke his creative energy with a good *sativa*—which, he says, calls to him: “Tell the kids to come and play!”

We think we’ve heard that voice before. Meet Dan Fogler, everyone.

**This is our annual Cannabis Cup issue. Have you ever been to the Cup or visited Amsterdam?**

Yeah, I was out at the coffeeshops, and on the menus, they note the strains that won the Cup.

**Do you have any strain worth mentioning?**

Laughing Buddha, which was delicious. I got it in the Amnesia coffeeshop—I can’t believe I remember that! Oh, and G-14 ... that was pretty awesome. I like the *sativas*; I like the up, the energy.

**You were born in Brooklyn and came from a theater background. How did you get to Hollywood?**

My dad’s a surgeon, my mother was a teacher—I went to private school, found acting there. I did plays and musicals, went to Boston University for acting, and basically learned Chekhov and Shakespeare and danced around in tights—all those things that you wouldn’t normally associate with me.

I’m someone who’s considered a character

actor. You’re told you’re not going to work until you’re 35 or 40—I was only 20, so what do you do? You get with your friends and you create parts for yourself. And that’s what *The 25th Annual Putnam Spelling Bee* was. In that musical, my character, Mr. Barféé, is essentially a 12-year-old incarnation of all of the angst I had as a kid—and all of the allergies that my brother had as a kid. I put them into this one character, and that became Mr. Barféé ... and the next thing you know, you’re winning the Tony Award for something you’ve created. And then the doors are open for your career.

**What’s it like when suddenly everything changes overnight?**

When I got nominated for a Tony Award, I had a lot of knocks on the door from television. Then, when I won the Tony Award, it was movies ... from Broadway to *ahhhhh!*

It was insane: “Here, do you want to do a film

with Chris Walken?” *Yes, sir!* “You wanna do a movie with a couple of other star people?” *Absolutely!* I was like a kid in a candy store. On the set of *Balls of Fury*, I’m running around in short shorts and a shimmering jacket on, with a ping-bong paddle and a bionic suit, and people are saying: “You won a Tony Award?”

**So your new movie, *Take Me Home*—you must have seen the script and noticed that your character does a whole lot of cocaine?**

Yeah. This is a disclaimer: I’ve never done cocaine in my life. I just wanted to let you know that.

**Still, you looked like a pro. We were very impressed. It was powdered milk. So when you get it into your sinuses—if you’re actually crazy enough to snort it—it creates like a drip in the back of your throat, a mucousy kind of drip ... which I hear is similar to doing cocaine.**



Chilling out with an apple bong in *Take Me Home Tonight*.



Sampling a different taste of victory.

**Yes, it is ... if memory serves.**

When I read the script, I was like: "This is awesome!" I grew up in the 80s—it feels like a lost John Hughes movie. I like that my character was wound very tight and, by the end, he's totally disheveled and his hair is everywhere. He's a lunatic by the end of the movie.

**Thankfully, he's hitting an apple bong by that time, too. What do you think this movie says about the '80s?**

That we were naive and wild and ready to spend like crazy. We have a lot to learn looking back—and, in some ways, it seems history is repeating itself. I sense, in my friends, that there's this attitude: "The world is going to hell in a hand-basket, so let's just party our worries away." That's what seems to be going on now. Um, I'd rather they focus on trying to help change the world for the better ....

This is getting so deep, man! [laughing] It's a party movie, man! It's just a wild party movie.

**Your character comes seems to be cut from the same cloth as those that John Belushi played. You've already played a few of these guys ....**

Yeah, in *Good Luck Chuck*, I was the guy that liked to support grapefruits; I mean, that was kind of crazy. Then you got *Balls of Fury*—I guess he was a King Kong maniac. I guess he did go off the deep end at some point, but that was before the movie began. In *Taking Woodstock*, I'm like a free-flowing, '60s-style hippie. But I think this is the first movie where you see that iconic Belushi insanity.

Characters like these go back to Shakespearean times—like Falstaff, who is the classic big, drunken lunatic with a heart of gold. Who doesn't like playing those characters? I love the sweaty, wild, in-your-face stuff.

**Do you feel you're in danger of being typecast?**

No. Hollywood may typecast me because of the way I look or my size, but I feel I've done enough eclectic work—I think I've played a full spectrum of different characters ... and I hope to in the future. I have movies coming out that, I think, show my range.

You've also been cast as the late, great Sam Kinison.



Playing a sophisticated auteur of the cinema.

Yeah, that definitely falls into the category of "sex, drugs and rock'n'roll." The character basically starts out as an innocent and then goes off the deep end. Many people think of Sam as a talented guy who died choking on his own vomit. You know: "Oh, Sam Kinison—he died from some kind of overdose."

The truth is, by the time that he died, he was on the road to being sober. It's not just a story about this guy who got mixed up in the sex, drugs and rock'n'roll lifestyle and burned himself out; it's the tale of a fallen angel, essentially. There are so many comics out there who praise him, and they say that he was a guy who was cut off and never reached his potential—kind of like Lenny Bruce.

**What else do you have in preparation?**

I'm directing this movie called *Don Peyote*, which will be released at the end of this year. It's the second film I'm directing; the first one was *Hysterical Psycho*. Then I have this book, this graphic novel, *Moon Lake*, and it's like *The Twilight Zone* on

THC. Essentially, it's an homage to everything that I grew up watching late at night: *Tales From the Crypt*, *Twilight Zone*, *Amazing Stories*, even *Heavy Metal: The Movie*. It's all in there.

Now, I'm directing the movie based on the book. It's a dream come true to me, an homage to everything that I grew up doing or watching on TV. I love comic books and graphic novels and these books, so I thought: "Why not create my own view of a graphic-novel/comic-book universe and try to do a spin-off from that?" It's just wild, zany, dark sci-fi horror.

I'm also putting together a show, kind of like *Wayne's World* on THC ... or *Pee-wee's Playhouse* on pot.

**Pee-wee's Playhouse on pot? That's redundant.** [Laughing] Yeah, it is.

**You're only 34. Do people trust you as a director?** I think you have to be observant. It does help to have a movie already under my belt—that it's gone to festivals and it sold. So that helps. But during the first venture, even though I was working with all friends, yeah, they questioned me every step of the way. It wasn't until we got to see dailies together and saw a rough cut that they were like: "Ohhhh ... not bad."

I'm also directing myself in *Don Peyote*. Basically, what happens is my character bumps into a guy with a "The End Is Near" sign. He doesn't really have a purpose in life, so he gets obsessed with everything that the sign means. He starts collecting interviews from across the full spectrum—everyone from New Age people to economists to medical people—and he really tries to pick their brains about what they think is going to happen in the next couple of years, where we're headed as a species. But it opens up all of these different questions: Where are we from? Where are we going? Who are we? Why are we so scared of dying? It's filming in New York and LA, then in Peru and Costa Rica.

**Damn, you're a busy man! This isn't stereotypical stoner behavior.**

I can't sit still. Yeah, you can't really sit around and wait for the phone to ring.



# VOODOO INCENSE

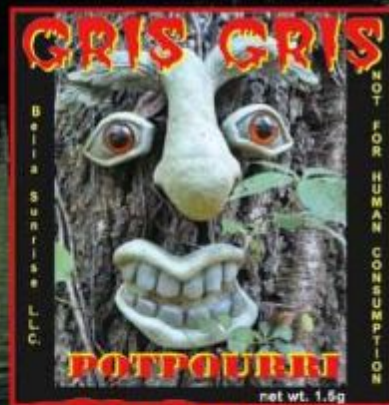
*Experience the finest and purest herbs,  
spices, and oils available on earth,  
skillfully blended by expert craftsmen.*



**ALSO AVAILABLE**



**Blueberry, Strawberry & Snozberry**



**Coming Soon!**

**Bella Sunrise L.L.C.  
225 400 9800  
225 223 0340**

**WWW.VOODOOINCENSE.COM**

10315 West Airport #5 Stafford, TX 77477  
 Phone: (281) 564-4265 Fax: (281) 564-7652

**IN·N·OUT**  
 GARDEN SUPPLY

750W  
 650W  
 1000W  
 Super Lumens  
 Designed to work with all major lamps

MIDNIGHT SUN Electronic Ballast  
 1000 Watt Dimmable  
 Input: AC 120/240 Volt

MIDNIGHT SUN Digital Ballast

Email: [contact@innoutgardensupply.com](mailto:contact@innoutgardensupply.com)  
 Web: [www.innoutgardensupply.com](http://www.innoutgardensupply.com)

**the high times interview**

**Does pot help you creatively?**

Ganja plus meditation enhances and basically lubricates you, allowing you to dream while you're awake. You come up with some incredible stuff that you *never* would've thought of if you weren't dabbling in THC. The more I smoke pot and the more work that I do, the more I realize that we're right about this plant. I mean, don't overdo it, but every day something new about THC is discovered. There is a spiritual communication that we are totally missing out on by shunning that world.

**Where did you first discover marijuana?**

In college. That's when it really started, at Boston University. In my freshman dorm, there was this kid who turned his entire room into a bong. He was an engineering student, and you opened his room and it was all black light and just billowing smoke everywhere. He had these pipes that came up from the corners of the room and rose to the ceiling. All of these people sat in the corners, like shaman people, and blew the smoke into the thing—and there it was, like this whole *network*. That guy works for NASA today.

**Are you serious?**

No... but I wouldn't be surprised. It was an amazing device.

I smoke a lot when I'm writing. I find that I'll smoke and be able to spit out, basically, a regurgitated play in a *weekend*. Then it's, "Oh, shit, where did *that* come from?" For a film, I make lists, lists of new ideas, and then spend the sober moments trying to sell all of that stuff. For me, pot is—it's attached to this endless well of creativity. Pot is like: "Tell the kids to come and play!"

**Woody Harrelson felt that his association with pot may have impacted his career. How do you feel?**

In past years, maybe ... but nowadays? *Everybody* is smoking. Woody was a pioneer; he had the balls to put it out there. And now his career seems to be stronger than ever.

**What's the toughest thing about being an actor?**

It's like you sign up for a ship's journey and do your best to bring everything back home, and you don't even know if anyone's ever going to see it. You put your heart and soul into something, but you have to have this kind of Buddhist philosophy. You draw something—you draw this mandala in the sand. Then the wind brushes it away, and you have to not worry about it. You just have to let it go; you have to move on to the next thing. It's hard when you're really passionate about something. You're like, "Wow, that thing is really worthy of praise, and it just sits and collects dust."

There are too many cooks in the kitchen in a lot of situations. It's not like you're a painter and you're painting with a critic—you have *nine* painters, and they're all coming in and tweaking. I watched *Hearts of Darkness*: Francis Ford Coppola was so fed up with the Hollywood system that he went off and said, "Screw it—I'm just going to make my own stuff and see my vision to its fruition."

I take that as a cue. Like Orson Wells, when I direct my things, I do *everything*—I try to keep it



Channing Jack Nicholson.

**'Every day something new about THC is discovered. There is a spiritual communication that we are totally missing out on by shunning that world.'**

very close to home, even pay for it out of my own pocket, because I think it's really important to see your vision in the end and not get veered off-track. You have to literally not care, because you'll have so many ups and downs along the way. You'll realize the downs suck—but in the long run, it makes for a great biography.

**Herds of actors jump into the business yearly.**

**What advice would you give to aspiring actors?**

Only do it if you know that, even if you get nothing out of it and may end up an old man with a hat, tap-dancing for money, it's all you know and it's all you love. If you're not in that mindset, you're screwed.

**You say you make a point of helping out other actors.**

When I got out of college, I saw conquering this business as me armed with a *Backstage* magazine and a spoon, trying to climb a glacier. Painstakingly, you make it up this hill—this glacier—and you find that it's a lot easier to do when you have friends around you.

A lot of people say, "I'm gonna fuckin' do it myself—I'm going to *make* things happen, I don't *need* anybody." You couldn't be further from the truth. It's a war, and everyone is fighting to get to the same place. You're better off grabbing the brothers and sisters around you who are in your platoon. Together, you have a better chance of making it. 🌿

For more from Dan go to:

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

**Pipe Mug**  
 .com

-Ceramic  
 -Pipes  
 -Bubblers  
 -Goblets

-Cereal Bowl  
 -Pipes  
 -Planter  
 -Hookahs

The only pipe with a mug in it!  
 Made in USA. Patent Pending