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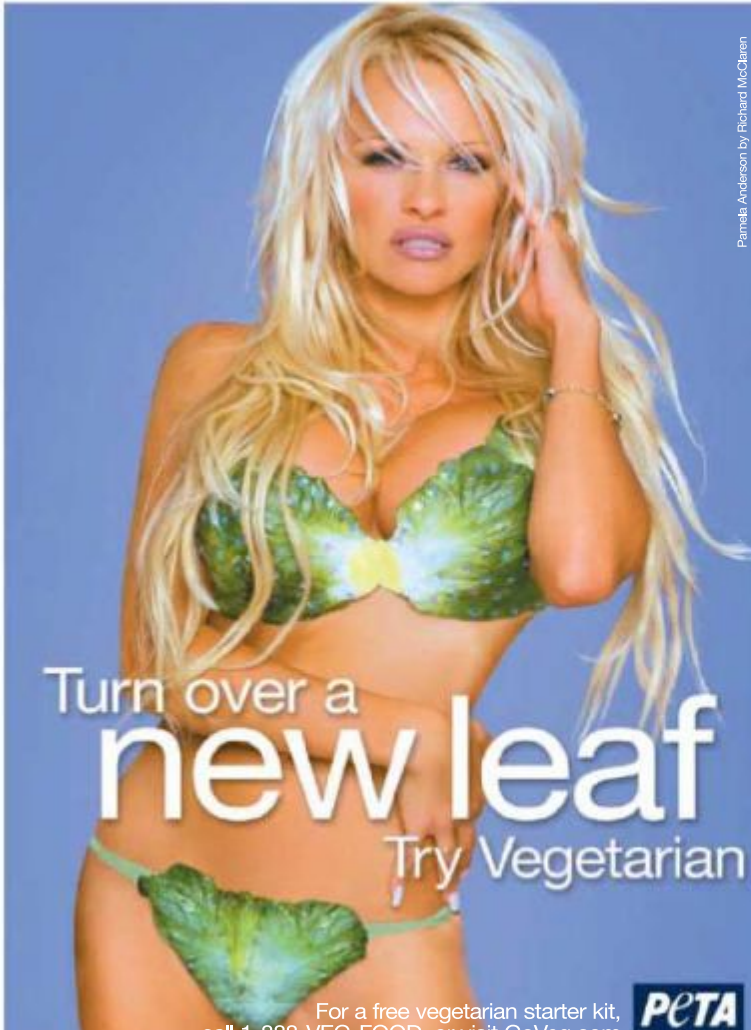
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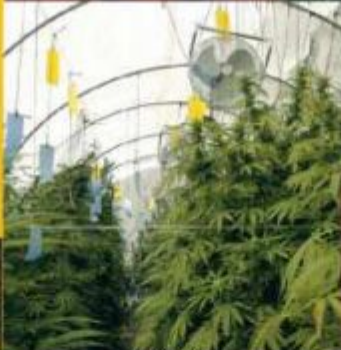
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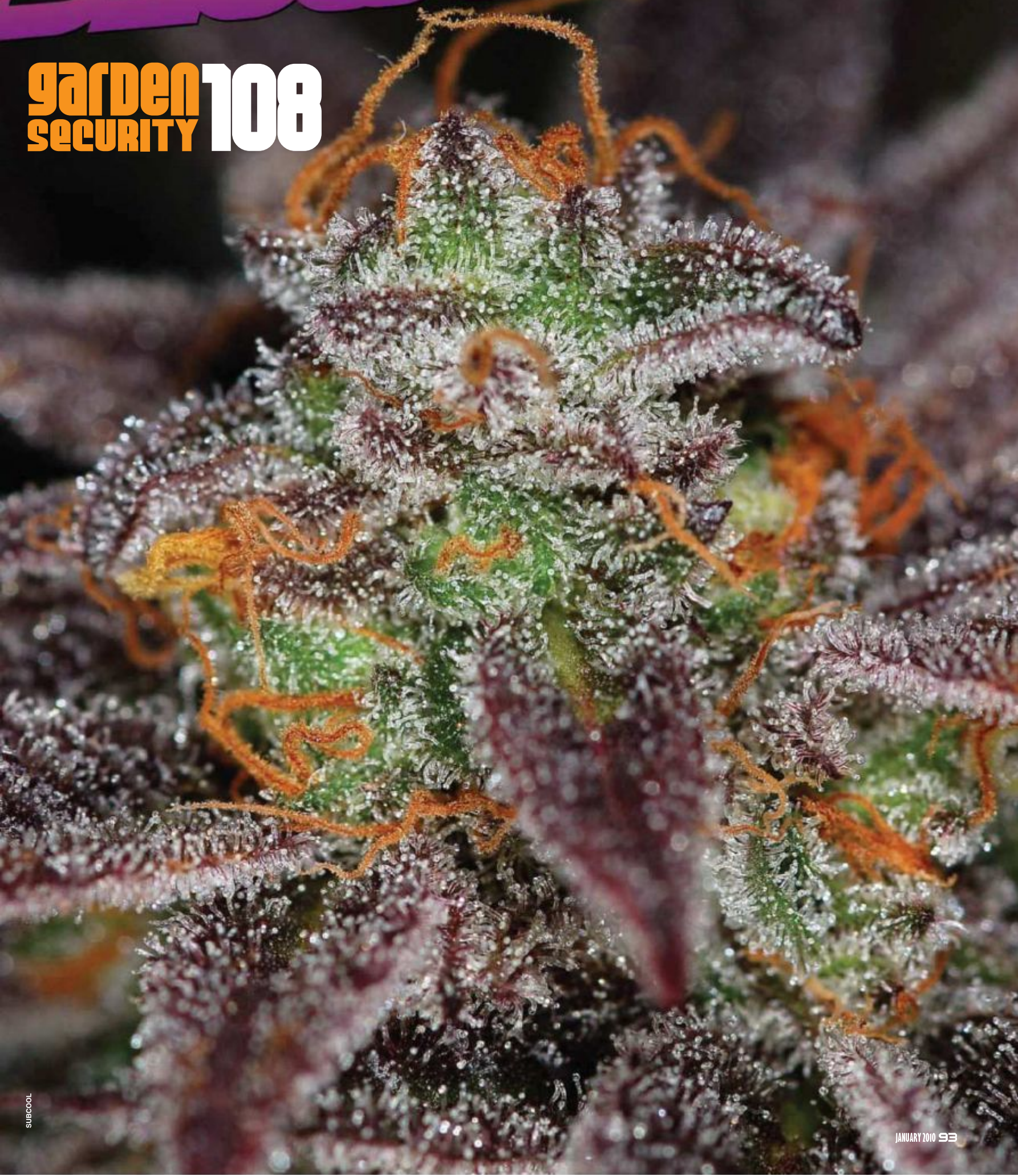
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SENSI SYMMETRY

What up! The mag is dope, literally! Ya'll need to come to the Southeast to check some grows. This pic is of my Terminator 44 (Top 44-HomeGrown). Hope they make it in the mag! OverTokeDaWorld!—Sinse222 from GA



BUSH DOCTOR (above)

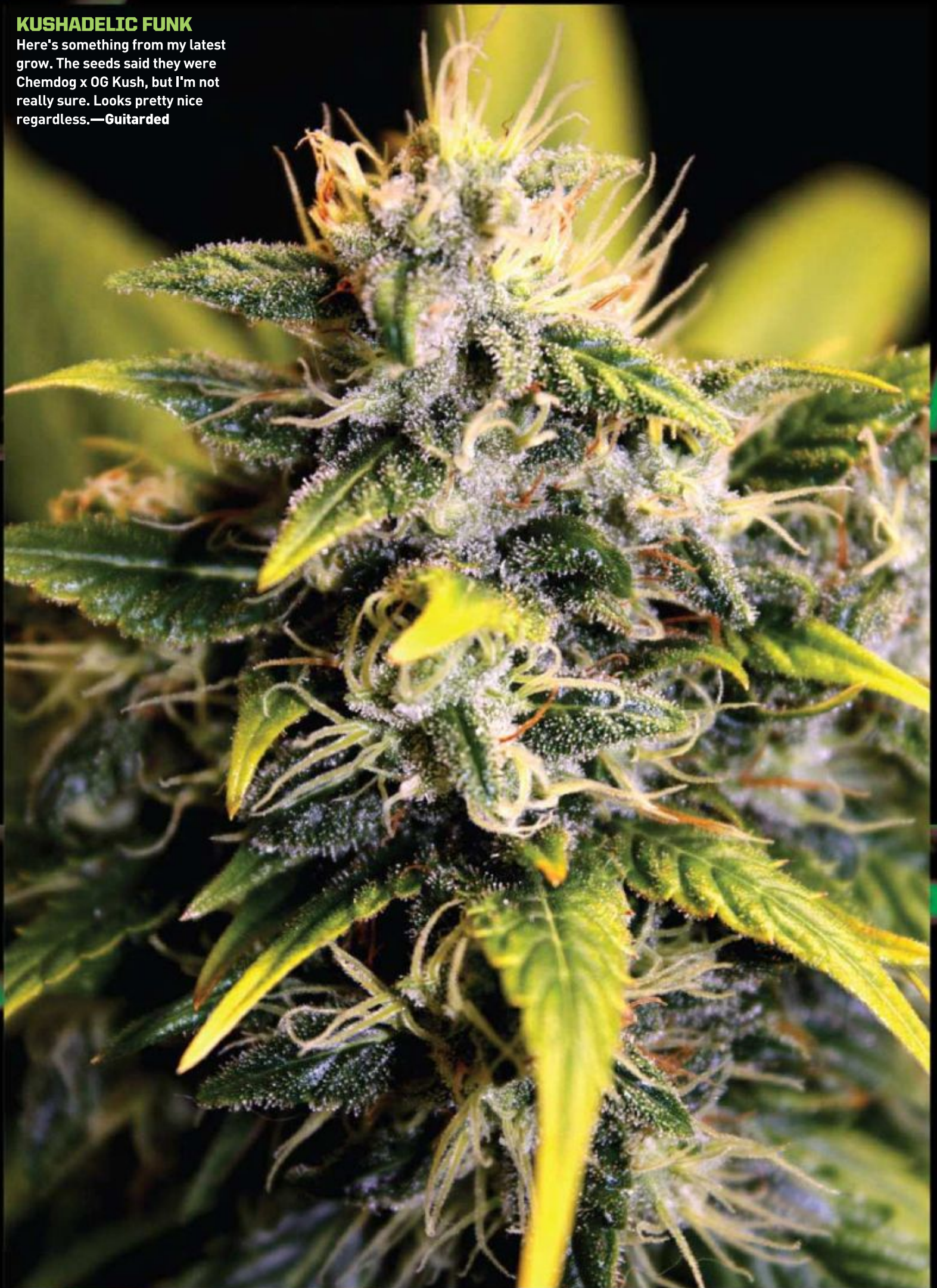
Hello! HIGH TIMES kicks ass!—NASCAR TimBob

INSANE KIND POSSE (left)

Here's some skunky/fruity/purple stuff from CA.—Dogtown Juggalo

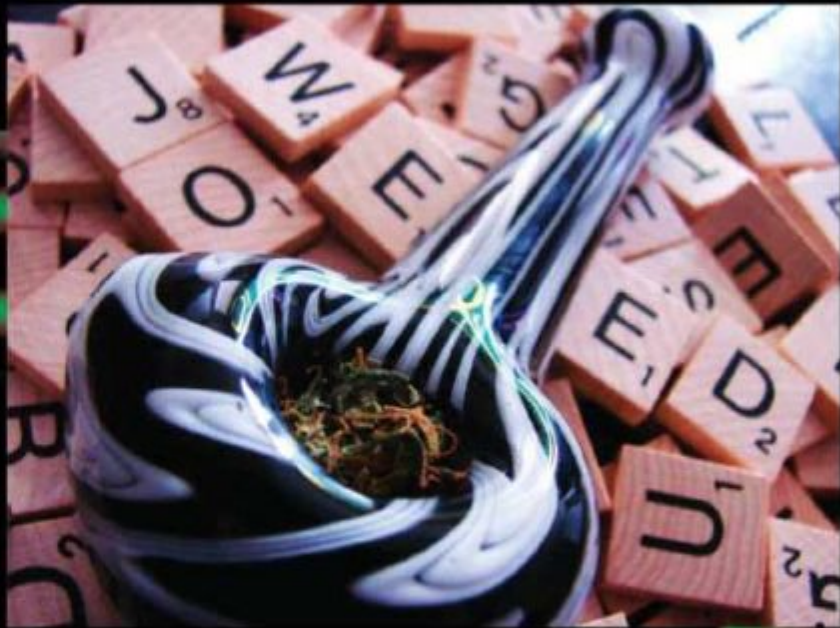
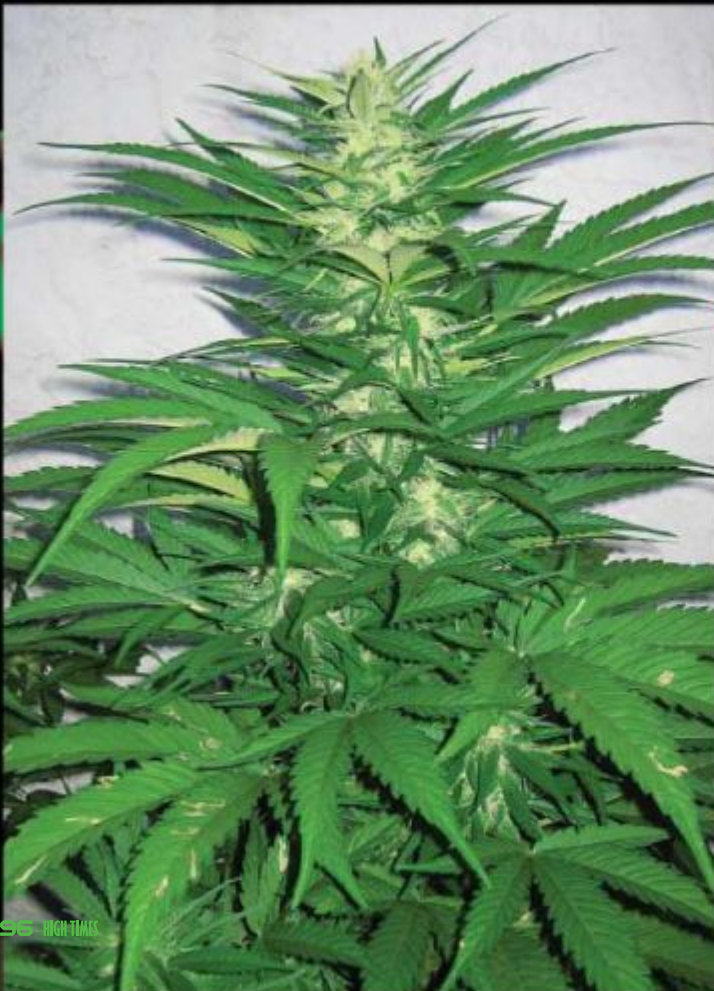
KUSHADELIC FUNK

Here's something from my latest grow. The seeds said they were Chemdog x OG Kush, but I'm not really sure. Looks pretty nice regardless.—**Guitarded**





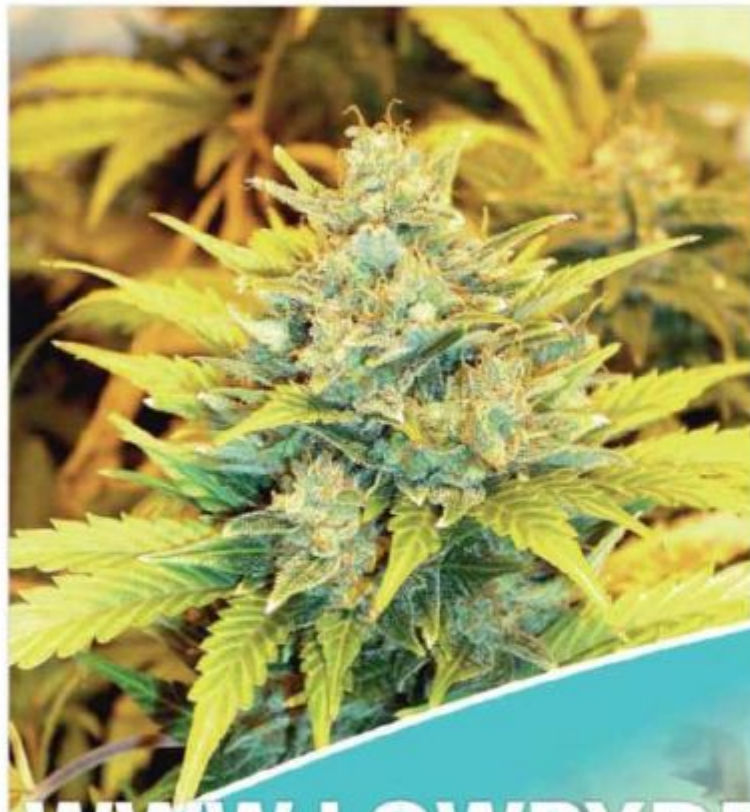
MEDICAL MIRACLE Hello, HIGH TIMES! I wanted to share my photo of the dank with all the heads out there. This one is Purple Kush x Afghani #1. I grow these ladies up at around 7,000 elevation under 12,000 watts, and this operation is 100% medical. I am part of a co-op with the E Street Health Clinic, 3020 E Street, Sacramento, CA. I use Canna Coco with Canna Coco nutrients (Coco A + B) with additives by House & Garden. During the first weeks of flowering, I brew my own compost tea with ingredients such as humic shale, high-PK bat guano, fish juice, liquid seaweed, earthworm castings, molasses and rock phosphate. During the last six weeks of flowering, I use a lot of sugars, including Advanced Carbo Load. I use Phospho Boost (0-6-0) by AgNatural and also their Potash Boost (0-0-10) as a natural bud sweller and hardener. Thanks!—Mackenzie



SCRABBLE ROCK (above)
How many points does this score?—Wordsworth Fillbowl

GOOD AND PLENTY (left)
My 55-day-old Sweet Diesel, grown outdoors in Florida.—Drooling

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



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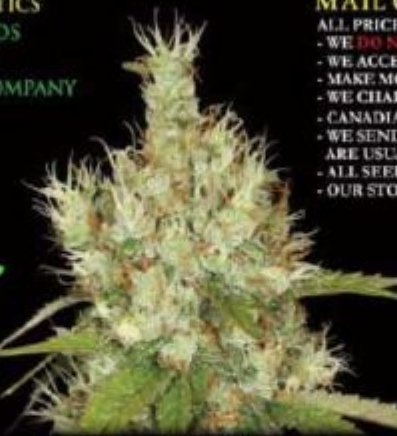
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BY NICO ESCONDIDO

EVERYTHING MEDICAL & MORE

Welcome to our mini-section devoted wholly to medicinal strains, news, uses, developments, activism, politics ... everything and anything, really, that is medically related to marijuana. This is your *Cannabis Clinic!*

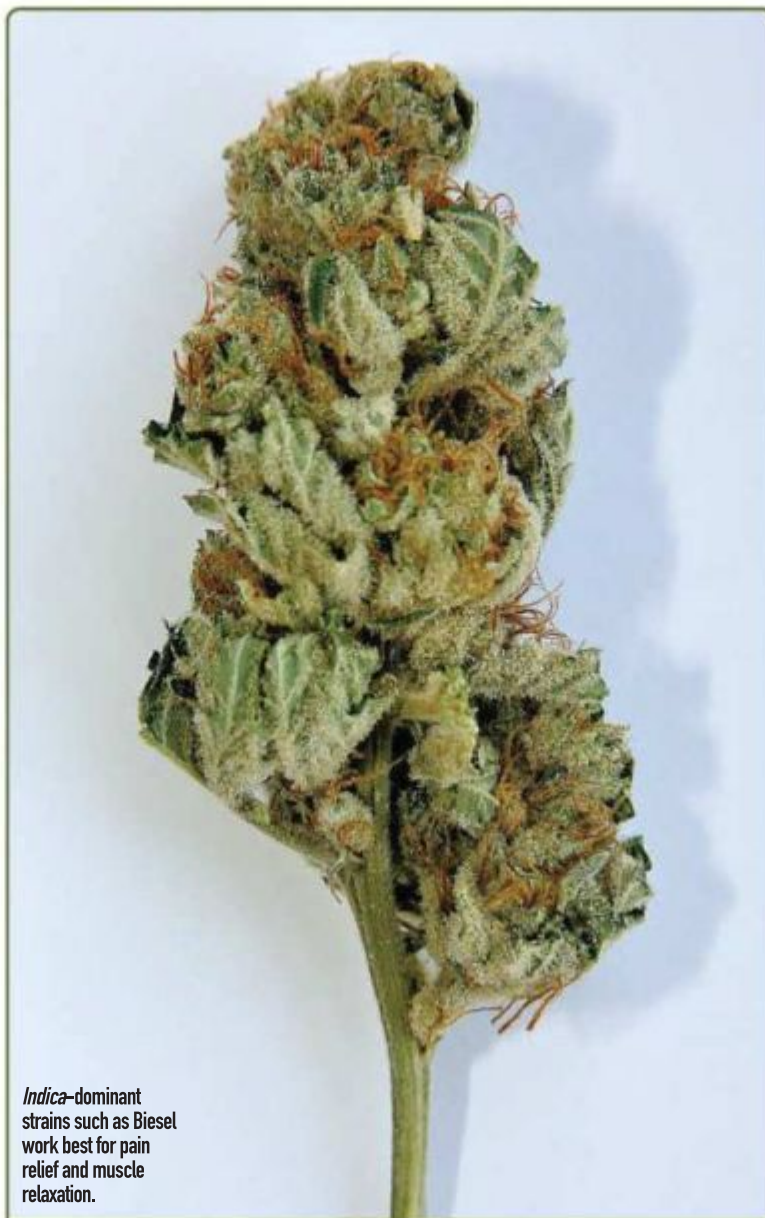
Cannabis and the Hypocrisy of the US Government

For many years now, the federal government—including the Drug Enforcement Administration (DEA), the National Institute of Drug Abuse (NIDA) and the Food and Drug Administration (FDA)—has taken the position that marijuana has “no currently accepted medical use.” Of course, there are now 14 states in the union that disagree.

But did you know that the US government has actually sanctioned the use of medical marijuana for four specified US citizens? This is no recent development. Take Irvin Rosenfeld, age 56, who has been receiving a tin of 300 federally grown and rolled cannabis joints from a local pharmacy for the past 27 years. Every 25 days, Rosenfeld picks up the marijuana sent there for him by NIDA, acting with approval from the FDA.

But wait—why would the US government allow this if it truly believed there is no medicinal value to cannabis?

It's worthy to note here that in 1937, Congress passed the Marijuana Tax Act and passed it quickly, with little debate and zero opposition. However, the Tax Act, which began the prohibition of marijuana, was never intended on its face to make marijuana illegal. In fact, the American Medical Association (AMA) opposed the federal law, but did recommend that marijuana be added to the Harrison Narcotic Act. Passed in 1914, the Harrison Act required sellers of opiates and cocaine to obtain a license (usually only granted to white people—part of the racist reasoning that some claim underpins our current drug laws). So, while originally intended to ensure a paper trail for drug



Indica-dominant strains such as Biesel work best for pain relief and muscle relaxation.

MEDICINAL STRAIN OF THE MONTH BIESEL

In an effort to truly maximize our usefulness to the medical community, we think it's important to cover not just the omnipresent strains offered by medical clubs and dispensaries around the country, but also some of the more obscure (yet nevertheless popular) strains being used by patients. To that end, we introduce Biesel.

A hybrid of NYC Diesel and Great White Shark, Biesel (or *B-1*, as it's sometimes called) originated on the East Coast, having been created in the Garden State of New Jersey. “B-1” was the term used by the original breeders (as is often the case with growers working with unknown seeds or strains), but the Biesel name came about via the hustlers of New York City, who swapped the “B” in “B-1” with the “D” in “Diesel” to give the strain its current name.

The overall presentation of Biesel is something to behold. Its crystalline look overlays thick white resin against a dark, brown-haired backdrop. Both her aroma and taste are spicy, but some phenotypes of the original cross can produce a sweeter-smoking herb. Either way, the taste she exudes is truly exotic and intoxicating.

The primary reason for bringing the Biesel strain to the forefront of our medical page is because of her excellent medicinal properties. Patients will be hard-pressed to find a more sedating strain anywhere in the world. A few tokes are enough to produce a very strong body effect, and the stone is excellent for muscle relaxation and sleep. While her lineage is mixed, Biesel likely inherits her *indica* genetics from her Great White Shark side, which has Super Skunk as a parent. If you're lucky enough to come across some Biesel, be prepared to savor!

transactions between doctors, drugstores and patients, the Tax Act soon became a prohibitive law.

The passing of this law, along with the subsequent lies regarding the effects of cannabis, have been assailed by opponents as both a conspiracy and a racist act directed at minorities, most notably Mexicans. Although the latter is undeniably true, some people (such as Jack Herer) have argued that this law was actually passed in order to prohibit industrial hemp from becoming a competing industry with paper and cotton and, even more importantly, newly discovered plastics (such as DuPont's nylon) and the fuel industry.

Luckily, compassion, rational thinking and truth are starting to prevail. On top of the 14 states that have already ended prohibition for medical patients, there are another 15 states weighing ballot initiatives or legislation that could turn them into medical-marijuana states as well. Now if we could just get the federal government to confess what we (and they) already know. We may not have the lobbying money of other competing industries (oil, cotton, etc.), but we do have sanity on our side.

Cali Corner—Legalization Update

Amid a statewide push to tax medical-marijuana sales, cities and townships throughout Northern California began contemplating the introduction of moratoriums on pot dispensaries early this fall. The initiative was aimed at giving local officials and city councils more time to evaluate the evolving legal landscape for medical marijuana.

Earlier in the summer, Oakland residents voted overwhelmingly to levy an \$18 tax per every \$1,000 of medical marijuana sold. Janice Hahn, a Los Angeles city councilwoman, has proposed consideration of a similar tax in LA, and a proposed (and filed) state ballot measure would extend the tax statewide, while also allowing individuals 21 and older to possess up to an ounce of pot. Because, as in many states, California's signature requirements depend on the number of votes cast for governor in the previous general election, the measure needs more than 430,000 signatures to qualify for the ballot this November. ✨

Got medical questions? Pass 'em over to Nico at nico@hightimes.com.

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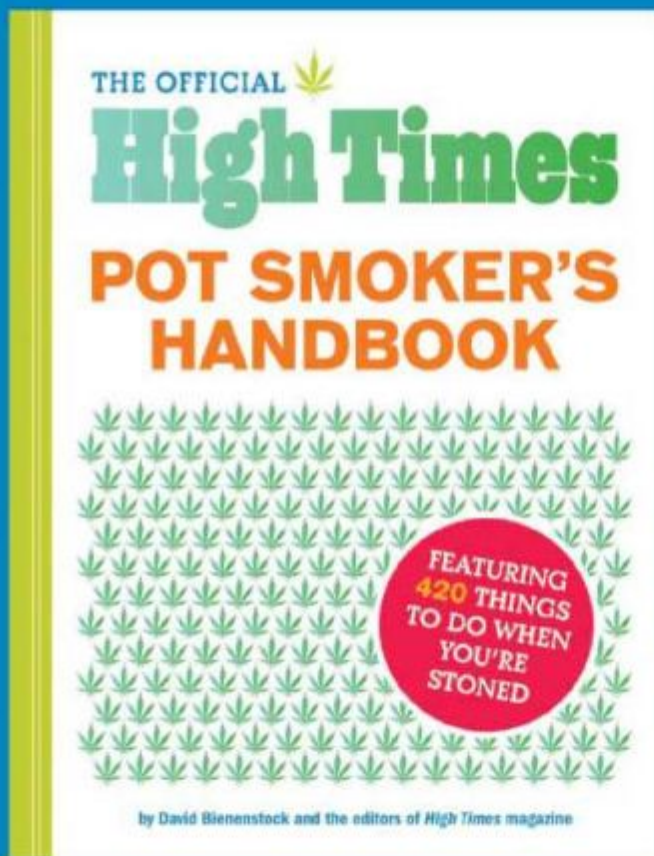
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SAVE YOUR SEEDS!

Use hemp seeds or schwag seeds for this nutritious cheese ball. **By Ashley Boudreaux**

Johnny Apple Weed—you know the guy: He’s that friend who’s been saving sub-par seeds for the last year (or, God forbid, even longer), no doubt plotting from time to time to do a drive-by strewing on the lawn of the local courthouse, police station, church, wherever. He knows the seeds aren’t worth planting—if he’s going down for growing, it’ll be over some kick-ass clones. But still, he can’t seem to let go of his babies, hoping for the day that a more noble purpose will present itself for his carefully compiled collection.

That day has finally come. Hemp seeds are a fabulous addition to any diet: They’re full of protein and amino acids and have the highest level of essential fatty acids in the plant kingdom. They’re also low in saturated fat and, when left unhulled, a good source of insoluble fiber. These are all things the human body needs, so rather than let your buddy risk his ass and freedom hanging onto that ridiculous pile of woebe-gone seeds, you should cook with them. Consider it a bonding experience. And if you seriously don’t know anyone like Johnny Apple Weed, that’s okay too: Sterilized hemp seeds



Perfect for classy holiday parties!

are readily available for purchase online from a number of sources. Just make sure that you buy the unhulled version, since crunchiness is the key to this recipe.

Now I’m not trying to go all Martha on you here, but I do love some fancy cheese. Scream it with me: *WOO-HOO! FANCY CHEESE!* I promise this is going to taste so much better than those unnaturally pink cheese balls with the wilted almonds and shrink wrap that you see in your grocery. The recipe may seem a tad involved, but trust me—it’s worth the extra assembly. ✨

HONEY-CHÈVRE PARTY BALL

- | | |
|--|--|
| 6 tbsp unsalted sweet-cream butter | 1 pinch salt |
| 10 grams commercial-grade cannabis, cleaned (or 5 grams medicinal-grade) | 1 tbsp apple-cider vinegar |
| 1/3 cup of hemp/cannabis seeds | 1 tbsp honey |
| 2 tbsp dark brown sugar | 8 oz soft chèvre (goat cheese) |
| 1 pinch ancho chile powder or cayenne | 1 cup finely shredded sharp white cheddar cheese |
| 1 pinch cinnamon powder | 2 tbsp heavy cream |

Simmer the butter and cannabis in a double-boiler on low heat for 50 minutes. Strain well, squeezing the cannabis to extract as much butter as possible. Put one tablespoon of the butter into a small saucepan, and refrigerate the rest for the moment.

Preheat the oven to 350°F. Next, add the hemp/cannabis seeds to the saucepan and sauté on low heat until the seeds start to pop and lightly brown. Then add the dark brown sugar and pinches of chile or cayenne powder, cinnamon powder and salt. Stir gently and constantly, coating all the seeds. Once the sugar begins to caramelize, add the apple-cider vinegar. Keep stirring until all the liquid is gone and the mixture looks gooey, then remove from the stove and spread your seed concoction in a thin layer on a cookie sheet. Pop it into the preheated oven for three minutes (just long enough to crisp the seeds a little bit). Let cool at room temperature, occasionally breaking up the larger pieces to avoid ending up with big, solid, brittle chunks. Ideally, the seeds will have a rich, dark, lacquered appearance by now.

Next, retrieve the rest of the butter from the fridge and combine it in a large bowl with the honey, chèvre, white cheddar cheese and heavy cream. Now go wash your hands. No, seriously—the Ganja God is watching, so make sure they’re clean. Then mix the cheeses and butter thoroughly *by hand* (as in “a spoon isn’t going to cut it for this step, so get your paws down in there and squish it all together”). THIS IS MESSY, so if you’re squeamish, wear gloves. Roll the whole thing into a large, smooth ball. If you want more crunchiness in each bite, or if you’re uptight about the way your party table looks, feel free to roll it into two smaller balls. I understand if you do: The death throes of a cheese ball can be a grim aesthetic experience for the foodie. Either way, once you’ve balled the mixture up, refrigerate it until firm enough to roll and coat completely in the candied seeds.

Pairs nicely with crackers, brioche or bagels. **Stones 10.**

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BLUE VS. GREEN

Law enforcement in California continues its war on medical marijuana. By Allen St. Pierre

With cannabis legalization becoming such a widespread political and social issue ever since gold-medal machine Michael Phelps's outing and the election of our first self-proclaimed and unabashed cannabis consumer as president ("I inhaled frequently. That was the point!"), no soothsaying was necessary to predict that the shrillest and most rabid anti-cannabis-law-reform voices would eventually chime in with their familiar chorus.

Frustratingly—and tellingly—law enforcement's strongest opposition has emerged at the operational level, especially in the state with the oldest, most comprehensive and most politically accepted medical-cannabis program in the world: California.

Despite (or, more accurately, because of) the passage of Prop. 215 in November 1996, legions of law-enforcement managers and officers—joined by some prosecutors—are boiling mad not only that medical cannabis has become widely available and politically acceptable in California, but that the federal government can no longer be counted on to run roughshod over state and local policymakers and citizens.

Refusing to accept the public's will, the legislation enacted by elected representatives or the scientific truth about medical cannabis's safety, non-toxicity and utility, the California Police Chiefs Association recently issued a white paper that advocated severely limiting access to medical cannabis.

Thoroughly and arrogantly dismissive of medical marijuana, the white paper paints lawful consumers of cannabis for therapeutic reasons (albeit ones that didn't make the police chiefs' preferred list of diseases) as irresponsible criminals and refers to



Police Chief Scott Kirkland.

patient collectives as "so-called 'medical marijuana dispensaries'" (emphasis added). Further buttressing this mindset, an article appearing on Officer.com, a pro-law-enforcement website, approvingly discussed attempts by local police to roll back the medical-marijuana movement. In it, Scott Kirkland, the police chief of El Cerrito, CA (and one of the people cited in the CPCA's white paper), proudly asserted his disdain for medical cannabis and seemed to revel in leading the charge to deny it to sick, dying or disabled people in his community.

Chief Kirkland's interview should finally put to rest, once and for all, the standard claim that cops don't make laws, they only enforce them. In his role as chief of police, Kirkland opines that "California is a great example of what not to do" and proclaims that law enforcement and government should do "a better job getting the word out about the dangers of marijuana use." Kirkland also clings to the debunked claim that today's cannabis is so potent that it represents an altogether new drug, and asserts that law-enforcement officials across the nation must take a stand against the medical-marijuana movement.

Of course, not all cops are as ridiculously misguided and close-minded: Check out Law Enforcement Against Prohibition (leap.cc) and meet a few former Drug Warriors who've learned that the only way to win the War Against Weed is not to fight it. ✨

Allen St. Pierre is the executive director of NORML in Washington, DC. For more information, go to www.norml.org or call 888-67-NORML.

Ask Dr. Mitch



Dr. Mitch, What's the difference between a tincture and an extract?

Neil B.

Hi Neil, Technically, tinctures require soaking the herbs in pure or diluted alcohol and then filtering out the plant material. Extracts are like a stronger tincture: Some of the solution is distilled out or evaporated off, leaving a more concentrated solution. And sometimes all of the liquid is removed, creating an even more potent dry extract. Unfortunately, these terms aren't very well regulated in the cannabis industry, so determining the exact dosage can require some experimenting.

Sorry if this is gross, but I heard that some pot has been found laced with ground glass. Urban legend, right?

Lil Puppet

Hi LP, Alas, as you may have read in HT a few years back, authorities in the United Kingdom reported finding ground glass or glass beads in marijuana samples—and chat rooms have since suggested that this contamination technique has spread to New England, too. Apparently, unscrupulous dorks added the glass in an effort to increase the weight and imitate the gleam of abundant trichomes. The number of samples contaminated in this manner dropped off as time went on, probably thanks to a better-informed public. If only we had a regulated market for legal cannabis, this sort of thing wouldn't happen.

How come guys are more likely to smoke than women?

Lee

Hi Lee, I hate to open myself up to a mailbox filled with rants, but guys are more likely to try a lot of things on average. In the long run, men are more likely to enjoy any thrill, adventure or novelty than women—and they're more likely to drink alcohol, smoke cigarettes or ride in the front car of a rollercoaster, too. This doesn't mean that every guy is more likely to do this stuff than women, but the sex differences in marijuana use probably stem from our general sex differences in the quest for sensations.

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

FREEDOM FIGHTER

SAN DIEGO'S EUGENE DAVIDOVICH

Eugene Davidovich is a Navy veteran with two deployments to the Persian Gulf. After serving his country with honor, he developed several conditions for which doctors prescribed multiple pharmaceutical drugs, the side effects of which overpowered the benefits. Davidovich then tried medical cannabis and found relief—so much so that he was able to quit the pill regimen and complete his MBA.

Unfortunately, acquiring medical cannabis in San Diego is difficult: Law-enforcement agencies in this Navy-base town have been raiding and shutting down collectives throughout the county. So Eugene left his successful software business, studied the details of Prop. 215, SB 420 and State Attorney General Edmund G. Brown's guidelines for legal collectives, and began cultivating and distributing cannabis to members of his own collective.

Operation Green Rx and its sequel, Operation Endless Summer, are the martial-sounding names given to San Diego DA Bonnie Dumanis's efforts to thwart the will of the people and persecute medical-marijuana patients. On Dumanis's orders, undercover sheriff's deputies posing as patients lied to doctors about their medical conditions, then produced false identification in order to join Davidovich's collective and others listed by California NORML.

Attempting to operate in full good-faith compliance with the law, Davidovich verified the doctor's credentials, the legitimacy of the recommendation and the personal ID of one of these ersatz "patients" before delivering a quarter-ounce of pot to him. Three days later, San Diego police raided Davidovich's home, and he ended up headlining the evening-news coverage of a law-enforcement sting that "cleaned up the streets of Navy housing from dangerous drug dealers."

Currently, Davidovich is facing four felony charges and fighting back. Learn more about this important struggle at eugenedavidovich.com. And go to stash.norml.org for the *Daily Audio Stash* interview with Davidovich.

Russ Belville is NORML's Outreach Coordinator and hosts NORML's *Daily Audio Stash* podcast at www.norml.org.



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STAYING SAFE INSIDE

A quick guide to indoor security. **By Hue Gelder & Nico Escondido**

Security & Our Community

Some growers believe that a stockpile of weapons will lend them some sort of security or peace of mind. It's an ironic situation, given that cannabis use is generally associated with sharing, friends and peace activists.

The true geniuses of grow out there know that people only turn to weapons because they have not yet figured out how to use their intellect to keep themselves out of trouble. The dangers of grow-op security are, in fact, highly predictable: smells, sounds and vibrations, bright light, unexpected intrusions, heat signatures, etc. Court cases detailing grow-op busts start to sound repetitive after reading only a handful of court documents. Growers should not be surprised when these issues turn into problems; they are just as much a part of cultivation as knowing how to grow plants. Strategically speaking, space and system designs should ideally prevent these potential problems. We, as growers, should formulate a plan in advance that puts intruders into a more defensive position.

With a little bit of foresight and education, we can convince the grow community to completely abandon guns. And, over time, this can force judges, law enforcement and the public to realize that there is nothing inherent in cannabis itself that leads to violence. There are a lot of excellent examples of law-enforcement officers who have come to realize that the marijuana industry is largely filled with good, honest people (Barry Cooper's *Never Get Busted* is a prime example). We don't have to wait for legalization to demonstrate that cannabis and violence have nothing to do with one another. All we have to do is start using our heads to proactively resolve these threats in a manner that will always lead to a favorable conclusion for the grower.

About Air

Air is an essential component in every indoor garden for all the obvious reasons. Cannabis plants need air just as much as humans—a plant's leaves "breathe" in CO₂ during the daytime, while its roots take in oxygen at night. Fresh air is necessary to supply adequate amounts of both for the plant's optimal development.

But another reason, almost every bit as important, is that by controlling the air in your growroom's atmosphere, you can also control the *odors* associated with growing potent marijuana. Proper air exchanges and smart ventilation mean that odors won't build up and cause your home or workspace to reek like ganja. A well-ventilated garden will not only keep your plants happy, but it will keep you and your garden safe!

Ventilation

Proper air exchanges in an indoor grow op are a frequently overlooked aspect of setting up a grow space. While growers tend to focus on temperature problems and quick fixes like AC units and light-cooling methods, we sometimes fail to remember it can be a lot simpler—and more beneficial for your garden (and your electric bill!)—to properly ventilate your growroom. It will not only have lower temperatures as a result, but fewer issues with humidity, mold, pests and diseases as well.

However, a lot of growers fear over-exhausting a growroom because of concerns with venting the garden's pungent odors as well. No one wants the neighbors or random passersby catching a whiff of your secret stash. But a mounted exhaust fan set up to vent outside is actually the first step in cannabis-odor control.



The difference between an open and a closed door to a growroom can mean severe consequences for growers.

There are many ways to conceal the odors associated with flowering rooms, and these solutions can work in conjunction with your ventilation system. The four main odor-control techniques deployed in growrooms are activated-carbon (charcoal) filters, deionizers, ozone generators and deodorizers. Most growers use several of these techniques in combination, and one is nearly always an activated-carbon filter.

Carbon filters use activated charcoal or a similar carbon-based material to “scrub” the air in a garden. Some growers filter both their intake and exhaust air, but certainly it’s a must to scrub at least the outgoing air from your growroom to ensure that no odor escapes. These filters are simply placed in line with the ducting and vents—the same as with the inline fans—and have air sucked through them into (or out of) the garden.

Deionizers, also called negative-ion generators, generate negative ions that attach to positive ions containing odors and pollutants. This bonding neutralizes the odors and is fairly effective in smaller growrooms. Ozone generators operate in much the same way, neutralizing odors at the molecular level. They sterilize air by exposing odor-carrying molecules to ultraviolet light (UV), which converts oxygen (O₂) into ozone (O₃), neutralizing the molecules as well as any odor. Once the extra oxygen atom is shed, the ozone becomes pure oxygen again. But these reactions must take place inside an enclosed space and require a few minutes to complete, making the process a bit more sophisticated to employ.

Another very popular (and much simpler) method for killing growroom odor is the use of deodorizers. Again, deodorizers neutralize odor by



AC units in gardens are unnecessary if the grower knows how to properly (and safely) ventilate a growroom.

structurally altering odors at the molecular level. However, deodorizing products such as Ozium or ONA (Odor Neutralizing Agent) usually come in user-friendly formats like sprays and gels, utilizing oils, resins or extracts to create the necessary chemical reactions. While sprays are excellent for short-term or emergency-type situations, gels can be easily applied over the long term to help eliminate odor. Household concoctions of these gels or store-bought products like ONA buckets, or some combination of the two, work extremely well in growroom-ventilation schemes and are fairly cost-efficient as well.

A perfect example of a homemade ONA-bucket system with the store-bought product next to it.



ONA BUCKETS

The end of a grow cycle is one of those times when growers are most vulnerable to detection. The issue of smell typically dominates security concerns as harvest time nears and extends well into the drying and trimming phases as well. Attempts at creating hash or edible butter from your trim can exacerbate this problem, especially in rooms where carbon filters are not very commonly used, such as kitchens and bathrooms. Also, although carbon filters can be extremely effective at reducing odors, it’s not always obvious when a carbon filter stops working. The ONA-bucket concept has

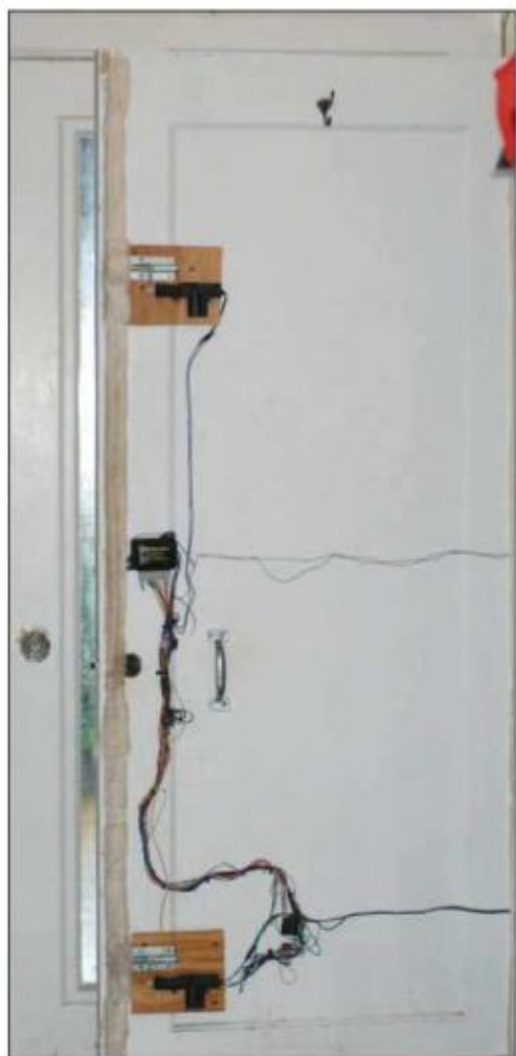
been popularized by Internet grow communities as a backup solution to this odor problem.

ONA, as a neutralizing agent, is described as a blend of 32 essential oils and plant-derived compounds that bond with and neutralize a wide array of odors. ONA can replace the smell of cannabis with a smell that’s more akin to the smell of fresh laundry. It’s available in stores and comes in blocks, mists, sprays and gels, and it is surprisingly effective at eliminating the pungent odor associated with cannabis when properly used. Many growers prefer to use the gel to create larger “ONA buckets”—a simple combination of gel, water and absorption crystals that will eradicate odors in larger areas.

ONA buckets need only minor maintenance, such as daily stirrings and a replenishing of the evaporated water and neutralizing agent about once every other day, but the crystals can be reused many times. ONA buckets extend the effectiveness of the ONA gel product sold in stores by saturating Soil Moist granules (crystals) with neutralizing agent and water; air is then passed over this porous mixture. The simplest way to do this is by affixing a fan to the top of a 5-gallon bucket, with holes drilled into the side of the bucket near the top. The ratio for mixing the water, gel and crystals is as follows:

- 9 cups of water
- 1 cup of ONA gel
- 1 cup of water-absorbing crystals (Soil Moist)

It is also possible to install an ONA bucket inline with your exhaust ducting, positioned downwind after a carbon filter, as an added safeguard in your carbon-filter system. For maximum effectiveness, the ONA should mix in with your exhaust over some length of ducting or sit near your exhaust outlet, such as within a window box. Keep in mind, though, that some growers object to the smell that ONA products may impart to their crops, so you may want to consider applying it around the exteriors of grow areas (i.e., in hallways, near doors and windows, etc.), but definitely *not* inside your drying room.



THE INVISIBLE DOOR LOCK

As marijuana grow ops continue to transform from illegal operations to medical-cannabis factories across the world, the major threat to legal grow operations within rental properties is shifting from law enforcement to that posed by landlords and building staff. This is due to a legitimate fear on the owners' part that their insurance company will do its best not to honor policies where the occupants are involved in marijuana growing. Although legal growers may be in the clear when it comes to law enforcement, discovery by a landlord or building manager can easily lead to eviction (and possibly a review by law enforcement of the operation's medical paperwork).

For this reason, growers should pay special attention to the door locks that protect their operation. Not all door locks are created equal: An invisible door lock can, in some circumstances, be more useful than a padlock or deadbolt when uninvited guests—superintendents, landlords, roommates or a nosy neighbor—decide to come snooping around when you're not home. Precisely because these types of intruders are usually familiar to you, they can cause problems if they stumble upon your growroom. This is why an invisible door lock can prove invaluable: The last thing a landlord or roommate wants to do is utterly destroy a door in a home because they can't open it, even when they're really curious what's behind it. Rather, with an invisible lock in place, they'll have to wait for your return and an opportunity to ask you about it in person—by which time you'll have had time to clear out the space.

Growers *never* want the subject of conversa-



Left: A remote-activated double-deadbolt door-locking system. Above: A close-up of the actuator and deadbolt mechanism.

tion to be that final barrier between the outside world and their growroom. This is why using highly visible eyesores such as exterior-facing locks and padlocks is never a good idea. Showing others that you have something to protect—or something to hide—is just going to draw more attention to your space. What the tenant-grower really needs is a way to lock the door internally without altering the external appearance of the door. Thus, the lock must be invisible.

Scenario 1

Let's say that your grow space is in a rental and your landlord has an inconvenient habit of showing up while you're away, with neither advance notification nor permission to enter. With an invisible lock on one of the doors within your unit, that door will not budge when anyone attempts to open it, and the landlord won't be able to figure out why without destroying the door. If you also have surveillance installed within your unit (tips on this are covered toward the end of this article), you can log these thwarted attempts and, armed with that information, move everything out of the room without the landlord's knowledge—and without anyone even realizing that you know. Once the room has been cleared, you then have the option of confronting your landlord and answering his or her questions while also speaking on the violation of privacy done to you (which is a great insurance policy to have).

Scenario 2

Remember, in some situations, landlords and building managers have an "exigent right" (i.e., in an emergency) to enter your property without any notification whatsoever (such as to respond to flooding or a gas leak, etc.). Shortly after knocking, they will use their key and enter your apartment. With cause, this is completely legal. This is why having some sort of surveillance or alert system for when you are not home is an excellent idea, since it can give you a window of time to clear stuff out before their return.

If you happen to be home when this occurs, it's fairly easy to explain that, for example, your roommate is a photographer who develops film in his or her room and so keeps the door locked using an internal remote-locking system (and don't be afraid to mention that this also avoids holes being drilled through the door and thus keeps the property looking better). This will effectively force the landlord to return at a time that you mutually agree upon to inspect the locked room. If you're prepared, this will provide all of the time you need to wrap up your cycle, box up your gear and clean up the space.

How-to Intro

One relatively simple way to create an invisible door lock is to use a cheap off-the-shelf car-alarm system. To avoid questions by perceptive landlords and building managers, it's important that there be no visible changes to the doorknob or door, which might suggest that you had security installed. This is why most off-the-shelf electric door-lock products can cause more problems than they solve, since they alter the outward appearance of the door more often than not.

A simple solution is to create homemade locks that basically involve pushing one or more deadbolts with parts that would otherwise be used to control an automobile's electronic door locks. The adaptation of a car alarm to a door lock for a room is surprisingly simple and even slightly superior to the off-the-shelf solutions in price (around \$100). Just as cars come with either two or four doors, it is possible to deadbolt either the doorknob side at the top and bottom, or all four corners of a single door, creating a last line of defense that would require property damage in order to penetrate. In other words, anybody who thinks they have a right to be in your growroom will have to saw their way into it!

Editor's note: A complete set of instructions for assembling your own invisible door-lock system is available on the HIGH TIMES website at high-times.com/indoorsecurity.

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Unfortunately, growing in a community like this one means added responsibility to keep both yourself and your neighbors secure.

A BIGGER PICTURE

Although the pictures and terminology may seem intimidating, the design is relatively straightforward. The idea is to control a *car-alarm actuator* with a *power door-lock relay*. The actuator converts circular motion from a motor into linear motion; a lock relay amplifies the car-alarm signals so that they can drive the actuator's motor.

In this design, each actuator pushes or pulls a sturdy deadbolt on the inside of the door. The relay is driven by the car-alarm output, which you control from outside the door with a remote. (All of the circuitry, actuators and deadbolts can attract a lot of attention, so this system is *not* intended for the apartment's front door.) A 1-amp, 12-volt "wall wart" power supply is sufficient to power the actuators and can be cut off of any unused electronic device you may have laying around. To ensure access to your room when the power goes out (a situation that would certainly demand access to a growroom), you can install the door-lock system with a battery backup. In the event of a power failure, a typical low-cost UPS-power backup battery (intended for a low-power computer and found in any electronic store) will keep the room accessible.

Should it become necessary, the system can be uninstalled with a drill in just a few minutes, leaving only screw holes behind. Reinstallation is just as quick. This system design has been demonstrated to work so long as nothing ever interferes

with the movement of the actuator, and so long as one remote is paired with just a single car alarm (pairing one remote with multiple doors can lead to unpredictable results). Although you won't be using the siren that comes with your alarm, you'll still need it in order to program the alarm.

ADDED DETAILS & SURVEILLANCE

The true value of the invisible door lock becomes apparent when you consider attaching the car alarm's shock sensor to your doorknob. It is then possible to silently activate an auto-dialer, which notifies you by pager, cell phone or email that someone has attempted to open your door while you were away. The system can also automatically activate a digital-video recorder to record the intrusion—video that can be logged and subsequently monitored from a remote location.

By not relying on a motion sensor to activate this recording, the system will record only suspicious intrusions and not the unimportant, non-intrusive activity (such as daily chores) pertaining to grow operations. This is important because, in the event that law enforcement does become involved, you don't want surveillance video of you or your workers available to be used against you! The beauty of growers tinkering with this design and creating their own invisible, customized security system is that landlords and building managers cannot develop a consistent strategy for thwarting these types of set-ups. 🌿

PARTS LIST

Door-lock actuators: Crimestopper CS-610SI Power Door-Lock Actuator, \$5 each

Power door-lock modules: Crimestopper CS-6600DLM Power Door-Lock Module, \$4 each

Deadbolt(s): Stanley 6-Inch Heavy-Duty Zinc-Plated Barrel Bolt, \$6 each

Radio receiver with two remotes, shock sensor, siren and indicator LED: Crimestopper CS-2000III Series III On-Guard System with Remote Keyless Entry, \$40

12V, 1A AC/DC transformer: Available from electronic-surplus stores for around \$10, or for free if salvaged from old, unused electronic gear

Low-wattage UPS power strip: Triplite Internet Office 350 VA 120V UPS, \$35

Crimestopper's Instruction Manual for the CS-2000III can be found at http://www.crimestopper.com/techweb/InstructionBooks/Alarm/cs2000_3a_ins_ops.pdf, and a more complete set of assembly instructions is available online at hightimes.com/indoorsecurity.

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BY DANNY DANKO



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Contact: *Essential Herbal Technologies, 866-645-8227, essential-vaaapp.com*

Price: \$110, plus tax and shipping



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Price: \$180

Contact: *Aqualab Technologies, 951-683-4940, aqualabtechnologies.com*



MOISTURE MAINTENANCE

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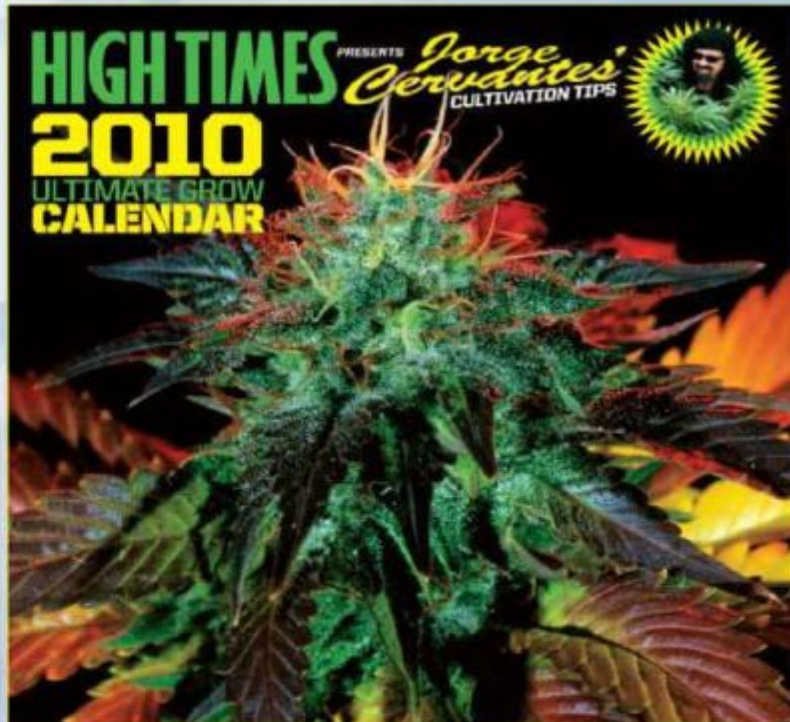
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**HIGH TIMES
OCTOBER 2010**

INDOORS
Maintain temperatures and 12/12 light schedule. In late September, when plants are in the flowering stage, reduce humidity to 40-50%. Monitor plants closely to avoid mold and mildew. Change water and soil as needed. Pruning, defoliation and making heavy observations will help your indoor grow stay on track.

OUTDOORS
Remember plants' local buds are almost the best. A good choice is a 50/50 ratio. Monitor plants closely for mold and mildew. Pruning and defoliation should be done in late September. Change water and soil as needed. Pruning, defoliation and making heavy observations will help your outdoor grow stay on track.

| SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY |
|----------------|-----------------------|---------------------|----------------------|-----------------|----------------------|--------------------|
| 1 New Moon | 2 Waxing Crescent | 3 First Quarter | 4 Waxing Gibbous | 5 Full Moon | 6 Waning Gibbous | 7 Last Quarter |
| 8 New Moon | 9 Waxing Crescent | 10 First Quarter | 11 Waxing Gibbous | 12 Full Moon | 13 Waning Gibbous | 14 Last Quarter |
| 15 New Moon | 16 Waxing Crescent | 17 First Quarter | 18 Waxing Gibbous | 19 Full Moon | 20 Waning Gibbous | 21 Last Quarter |
| 22 New Moon | 23 Waxing Crescent | 24 First Quarter | 25 Waxing Gibbous | 26 Full Moon | 27 Waning Gibbous | 28 Last Quarter |
| 29 New Moon | 30 Waxing Crescent | 31 First Quarter | | | | |

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OUTDOOR GROW TIP

Stop applying fertilizer 10-14 days before harvest and put your flowering plants on a diet of plain water. This will give them enough time to use up the bulk of the fertilizers already available within the plants and soil. Stop watering three to four days before harvest.

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CLIMBING VINES OUTDOORS

I've been growing a guerrilla garden of about 20 plants in a woodland clearing every season for the last 10 years. I only visit it once in the summer and once in the fall to add nutrients (slightly more if it doesn't rain for over two weeks, which doesn't happen often in my region).

Typically, I find local wild climbing vines growing on my pot trees. They twist around the branches tightly, starting at the bottom and working their way up, until they actually start to choke my plants out of their light. What's the best way to get rid of these pesky interlopers?

Palisades Paul

Dear PP,

Many species of climbing vine exist, so it's difficult to pinpoint exactly which kind you're plagued with. No difference in the end, though, since they all act the same: These plants aren't strong enough to hold themselves up, so they've developed the ability to reach for the available light by tagging along on stronger plants and stealing their mojo. Typically, they wrap around and cling to branches and slowly work their way up to the plant tops. Anyone who's seen a morning-glory vine in action on a fence, trellis or host plant knows their tenacity.

Your first impulse may be to grab the vine's

shoots and pull it off your precious pot plant, but beware! This can and likely will damage it, since the vine is tightly wrapped around its stem and therefore firmly attached. Instead, find where the vine has first fastened itself onto your plant—typically near the bottom at soil level. Now cut the vine off at that point and leave it alone. The next time you return, the remaining dead vine on your plant will be brittle and very easy to remove—if it hasn't already fallen off due to rain or wind.

PROPER BREEDING

Hi! I have a few questions about marijuana breeding. I've always wondered how growers can cross-breed plants to get special hybrids. I understand the concept of mother and father plants, but not the acts that are committed to achieve what you desire. I'd like to start a seed bank one day, so thanks for any tips!

Zach

Dear Zach,

Breeding marijuana isn't as simple as crossing good male and female plant stock and collecting the seeds. Creating new and better cannabis requires careful selection for the traits you're interested in keeping in your gene pool. Choosing males and females with the desired attributes, growing out their progeny, and then selecting the

best of the offspring separates the real breeders from the "closet hacks" or "pollen chuckers."

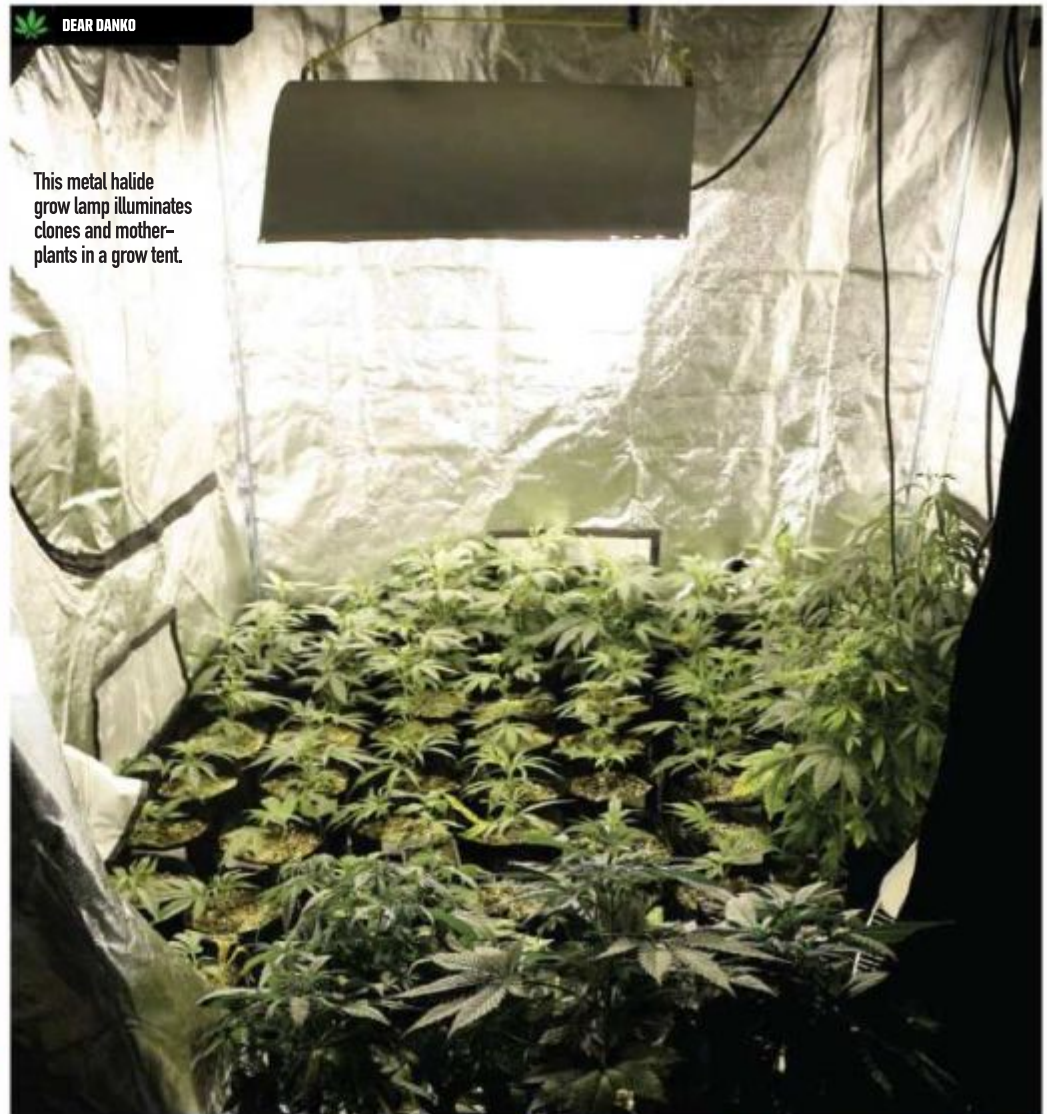
The process of creating seeds takes time and patience as well. A male plant must be grown to near maturity; the male flowers will then be ready to release pollen. That pollen is collected and sprinkled onto a female plant in the early stages of flowering (sometime between the second and fourth week is optimal). The female will then go into seeding mode and begin using her energy resources to form beans inside her buds. Soon, the seeds will swell and become visible. The female is then harvested and dried. The seeds will drop out or be sifted from the flowers for collection.

Now the truly important part begins. Grow out as many of the seeds as possible and choose the best females for future pollination. Repeat this process as necessary until you have a stable genetic line. Choose the phenotypes that are most appealing to you (or anyone else lucky enough to be sharing your personal strain), and always remember to do your homework. I suggest that you start by learning about Gregor Mendel and his pea pods, then move on to Robert Connell Clark's "seminal" book on the subject, *Marijuana Botany: An Ad-*





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vanced Study of the Propagation and Breeding of Distinctive Cannabis, as well as Greg Green's more recent *The Cannabis Breeder's Bible: The Definitive Guide to Marijuana Genetics, Cannabis Botany and Creating Strains for the Seed Market*, and Subcool's *Dank: The Quest for the Very Best Marijuana—A Breeder's Tale*. Good luck!

SWAT TEAM

How do I get rid of fungus gnats?

SOS (*Sick of Swatting*)

Dear SOS,

These small black insects are truly annoying and can prove to be expensive over time. Along with being almost impossible to catch in the air, their larvae feed on plant roots, causing damage to the plant if left unchecked. Their presence is also a surefire indicator of overwatering.

Yellow sticky traps will help control the problem: The gnats are attracted to yellow, and many of the already flying mature ones will end up stuck to the traps when hung at plant level. To get rid of the younger larvae, drench the soil with a biological larvicide such as Gnatrol twice weekly for one month in conjunction with a diluted neem-oil spraying of your soil-mix surface. Their life-span is less than eight days, so you should be rid of them shortly.

The best way to avoid the problem of fungus gnats altogether is by *not* providing a comfortable home for the little buggers. They like it if the top layer of your soil mix is moist and warm; to avoid this, bottom-feed your plants using a wick sys-



Mature fungus gnats caught on a yellow sticky trap.

tem, or purchase some EarthBoxes or Botanical Brothers Hydro-Buckets, both of which are specially made to water from below. The plant roots will pull up only what they need, and your soil will become much less appealing real estate for fungus gnats to move onto and lay their eggs.

SENSI STORAGE

How long can pot be stored once it's cured and dried?

R.V.

Dear R.V.,
Think of connoisseur-quality marijuana as a fine wine: Most get better with age, but at a certain

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point they reach their peak of perfection and then begin to deteriorate. Different strains will reach their peak at different times, but proper storage is always essential.

Assuming that your pot has been dried and cured correctly, store it in a glass jar with a tight lid, preferably in a cool, dark, dry place like a closet or drawer. Marijuana can also be sealed using a Foodsaver-type sealer and kept for months or even years. As with all good things, the pot will eventually start to degrade in potency and flavor, so be sure to enjoy it at or near its peak in a joint, bowl, bong or vaporizer.

TO TRIM OR NOT TO TRIM

I have 15 plants growing in a tightly sealed 6' x 4' room under two 400-watt high-pressure sodium (HPS) lights. Would it be wise to trim some of the fan leaves for airflow, or should I just leave them alone? Also, if you say to trim some, which ones do you trim and at what point, if any? Thanks for your time.

Hydro in Colorado

Dear Hydro,

The only fan leaves I recommend removing are the ones damaged by mold, disease or insects or that look severely yellow or brown. Consider the fan leaves as photosynthesis factories that spend all their time using the energy from light to convert CO₂ into sugars that power the growth of your buds. Long story short, removing too many of these "factories" will slow down photosynthesis, decreasing your plants' ultimate output.

But better airflow is important, so try adding an oscillating fan or two and increasing your intake and exhaust rate.

ILLUMINATING QUESTION

First off, I just want to say thank you for all the information you're sharing. I'm a medical patient in SoCal, and I'm trying to grow my first plant. My room is 3.5' x 3.5' x 7', and I'm using a 400-watt metal halide (MH) Sunsystem III. Will an HPS-conversion bulb work for flowering, or should I get a completely new light and ballast for that period of growth?

BatBoy

Dear BB,

The lighting system you have allows you to use a conversion bulb, so by all means, take full advantage of that capability. For those with fixed systems, I would still recommend simply flowering the plant with the MH lamp, unless you've got money burning a hole in your pocket. A whole new lighting system will run you several hundred dollars, and the gains are negligible. In my experience, MH lamps are perfectly capable of flowering plants, but it's true that HPS lights are more effective.

WATER WORRIES

I'm growing in Waterfarm buckets using Hydroton grow rocks, and I'm having trouble with my city's water. It's very unstable and the pH won't stay adjusted; it constantly keeps going up. My plants were showing numerous deficiencies and nothing seemed to work, so I tried using bottled spring water. That seemed to help at first, but then I started seeing yellowing, wilted leaf tips and slowed growth. I've tried everything! I'm using

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DEAR DANKO

Clean water is essential for successful cloning.

Flora Nova from General Hydroponics and follow the supplied feeding schedule, and I also use Chi as a foliar spray.

Christian Hardy

Dear Christian,
Sounds like you need to invest in a reverse-osmosis (RO) unit. These machines slowly filter water through a membrane to purify it and remove most of the particles that can cause fluctuations. An RO unit will run you a few hundred dollars depending on size and quality, but you'll save that over time from the pH down you'll no longer be purchasing—plus it's just frustrating to constantly have to adjust your acidity or alkalinity levels.

BURNT TOPS

How far away should my lighting be from my plants? I'm a second-time grower and, the first time around, things didn't turn out so good.

Jesse Ya Dig

Dear Jesse,
Sorry to hear about your first effort! You haven't given me any info on what type of lighting you're using, so I put together a chart to show how far various wattages should be kept from the plant tops. The distance also depends on whether the lights are air- or water-cooled and whether you're using light movers. Consider the numbers below as a basic guideline, and always raise the lights if you see any signs of heat damage to your plants:

- 1,000 watts: 16-24 inches
- 600 watts: 14-20 inches
- 400 watts: 12-18 inches
- 250 watts: 8-14 inches

Also, fluorescents can be kept within several inches of the top growth.

WIZARD OF BUZZ

Greetings! A recent article in HT profiled a

renowned grower known only as "the Wizard." It was a fantastic article and very informative, but it did make me wonder about a few things. The Wizard's 30 plants appeared to be about 16 square feet in diameter each, and his grow area about 20 by 24 feet or 480 square feet in all. I have two main questions about the article, and I was hoping that you could help me:

- 1) What was the total vegetative time for the plants?
- 2) What was the average yield for each plant, or the total yield for all 30?

Thanks very much, and keep up the great work you people do!

Sincerely,
J.M.

Dear J.M.,

I posed your questions to the Wizard, and this is what he answered: "Total vegetative time was three weeks—one week in 1-gallon pots under a single 1,000-watt light, then two more weeks after transplant into 15-gallon pots under 8,000 watts of light. The total area of the garden is a little over 150 square feet. Each plant takes up about 4 square feet of floor space, and the total yield was just about 13 pounds."

FUNGI?

This is my first crop, and so far it's going pretty well, I think. Problem is, the last time I watered, I saw some white fuzz on my leaves. I looked it up on the Internet and found out it's called powdery mildew. How do I stop it? Thank you!

Troy

Dear Troy,

You've already diagnosed the problem; now all you need is the solution. Unfortunately, powdery mildew—"PM" for short—is a plague for many cultivators worldwide and only seems to be increasing thanks to global warming.

PM first appears as concentric circles formed by a fine white/gray powder or dust on your leaf

and stem surfaces. It may seem a minor problem, but don't be lulled into a sense of complacency: These airborne spores, if left unchecked, will spread and cause leaf drop and serious plant damage due to impaired photosynthesis.

To fight PM, always keep your grow area clean; prune all affected leaves, and try to keep the humidity lower as well. Crowding plants together in a Sea of Green-type system also increases the odds of infection. Instead, spread or thin your plants out a bit to give them room to breathe. Be sure their containers drain properly, and consider bottom-feeding for plants in a soil-less mix. For this purpose, I recommend Botanical Brothers buckets (botanicalbrothers.com) or EarthBoxes (earthbox.com).

Some growers use burners to heat sulfur pellets, but this always struck me as stinky, unnecessary and potentially harmful. Instead, try one of the many organic fungicides available on the market. My buddy Dark Cycle prefers Messenger from Eden BioScience; he recommends mixing 1 teaspoon per gallon and spraying the entire leaf surface every week or so. This powdered product—originally developed for roses and grape vines—contains a protein called harpin, which is naturally found in soybeans. It's a growth stimulator that kick-starts the plants' immune system and helps them resist many common diseases and insects.

If all else fails, there are some cannabis varieties that seem to have a natural resistance to PM, since they've been acclimated to places with serious humidity and fungal issues, such as Western Canada or the Pacific Northwest. Try a hardier strain, like Bonkers or Purple Pineberry (both available from greenlifeseeds.com), if this problem persists.

TRANSPLANT SHOCK

High, Danny! I just need to know if it's okay to transplant my clones from the ground outside to a pot indoors? They were in the budding stage with about one to two months left until harvest when I potted them. They've all been drooping for a few days now. Is it possible that I hurt their roots?

D-Bud

Dear D-Bud,

Transplanting from outdoors to indoors is a difficult process. First, damage to the roots caused by digging the plant up makes it difficult for the plant to recover, and you'll lose a week or so of growth. Uprooted plants typically need time to adjust to their new containers and surroundings, and any problems they would normally experience during this time will be magnified tenfold.

You also need to be sure that their lighting requirements are being met. Outside in the full sun, plants thrive and grow to their maximum potential. Bringing them indoors, thereby depriving them of the natural sunlight they've gotten used to, will make them wilt quickly as well.

Chances are, if you give them the proper lighting and environment, your plants will recover, but it will still cost you in terms of the overall health of your garden as well as the eventual yield. So, in short, if you can avoid it, *never* transplant from outdoors to in, and try not to transplant at all once flowering has been induced. 🌱

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GROW QUIZ

HIGH TIMES MONTHLY GROW QUIZ

Calculate your cultivation HIGH-Q with our monthly grow quiz, featuring highly educational questions for beginners and experts alike.

1) Appreciable amounts of THC exist in which part of the pot plant?
a) leaves
b) roots
c) seeds
d) stems



5-POINT BONUS
Identify the stage of the plant lifecycle shown.
a) seedlings
b) flowering
c) vegetative growth
d) sinsemilla

2) Measuring the pH level of a nutrient solution determines its balance of:
a) temperature to humidity
b) weight to density
c) acid to base
d) watt to gram



5-POINT BONUS
Identify this strain.
a) Panama Red
b) Super Silver Haze
c) Chem Dog
d) Jack Herer

3) Light-deprivation techniques allow marijuana growers to:
a) increase the size of their yields
b) increase the potency of their yields
c) increase the frequency of their yields
d) grow weed in total darkness



5-POINT BONUS
This plant is suffering from:
a) light deprivation
b) nitrogen burn
c) spider mites
d) bud mold

4) All of the following destroy pot plants EXCEPT:
a) spider mites
b) ladybugs
c) powdery mildew
d) bud mold

5) Properly drying cannabis requires:
a) less than 48 hours
b) direct sunlight
c) expensive equipment
d) no light and low humidity

For the answers to this month's grow quiz, to calculate your HIGH-Q, and to take even more grow quizzes online, visit hightimes.com/growquiz/.

JANUARY GARDEN CALENDAR INDOORS

Overwatering your plants in the winter can be a problem. Lower temperatures mean that your garden needs less moisture to maintain the same healthy levels of growth, so keep a careful eye on your watering regimen and cut it back if you notice signs of overwatering like soggy soil and fungus gnats on top of the growing medium. Also, keep a record of when and how much water you use so you can try slightly varying the regimen and accurately assess the results.



Drip emitters release water and nutrients directly to the root zone.

OUTDOORS

One of the best ways to stay garden-focused in the winter is to spend some quality time deciding which strains you

want to grow next year. Obviously, you'll need to select a variety that thrives outdoors in your specific climate. Check hightimes.com for more information on various strains, including the all-important flowering time, which denotes how long a strain buds before it's optimally ready for harvest. Choosing a favorite strain is like choosing a favorite wine or beer—many factors, including

individual taste, come into play. You'll also want to consider a strain's overall yield and its resistance to pests and diseases.

TIP OF THE MONTH

DO BE A DRIP: Installing a drip-irrigation system will save you time and money, while ensuring that your plants receive the optimal amounts of water and/or nutrient solution in the most efficient manner possible. Instead of serving your plants one big "meal" of food and water, as you do when watering by hand, drip-irrigation systems mete out these vital resources slowly over time and directly where needed, so your plants' roots can absorb the most water and nutrients possible. Install your system carefully and monitor it closely to make sure you dial in the ideal amount of drips per plant per day! 🌱

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HYDRO BLOWOUT!

Our 11th annual hydro guide outlines the basics of hydroponic growing, including simple how-to instructions for setting up your own homemade hydro system. Check out the latest in indoor-grow gear, get tips for keeping your hydro garden healthy, and learn about the hottest cultivation technology on the market. Plus, we pay a visit to a secret hydroponic pot factory.

GROW LEGAL POT

With 14 states currently allowing medical marijuana in some form, HIGH TIMES takes a state-by-state look at how to grow "barely legal weed," whether for yourself, as part of a nonprofit collective, or for sale to licensed medical-cannabis dispensaries.

CANADIAN MEDICAL SEEDS

Take a trek to Vancouver, BC, to discover the latest developments on the Canadian seed scene and meet the breeders who are hard at work designing strains that can alleviate the specific ailments of medical-marijuana patients.

HIGH IN THE ROCKIES

California is no longer the only state where medical-marijuana dispensaries operate openly: The Rocky Mountain State has broken through! Senior Editor Dan Skye checks out the burgeoning medical scene in Colorado.

TEAM DEATH STAR

The legend of Death Star is growing—the magical, mystical strain created by a band of self-proclaimed Jedi warriors. Now meet Team Death Star, the stellar group of growers who are turning out some of the best ganja in the galaxy.

IN THE CLINCH WITH ROB VAN DAM

Climb into the ring with one of professional wrestling's most famous athletes! A deeply committed, longtime marijuana activist, Van Dam talks to Senior Editor Dave Bienenstock about championing responsible pot use in an unlikely realm.

THE ULTIMATE ADVOCATES

Think pot has no medical benefits? Hear the harrowing tales of burn patients who found no relief until they turned to cannabis during their recovery and continue to rely on it to ease their chronic pain.

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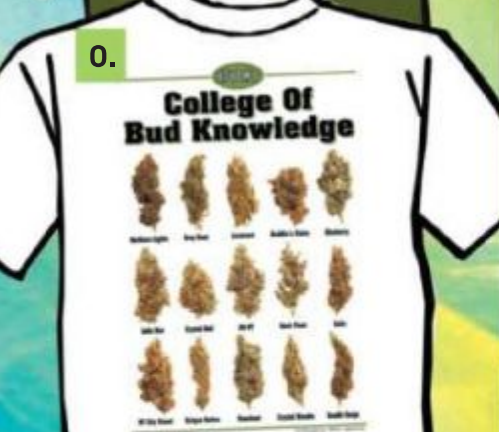
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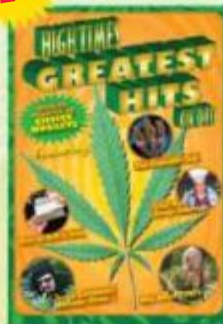
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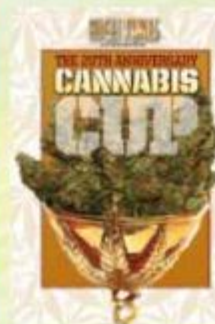
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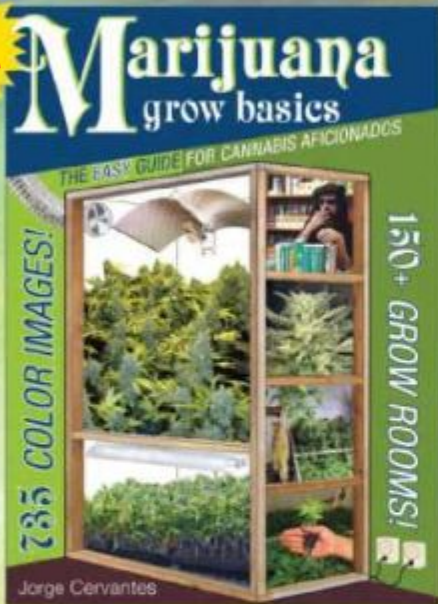
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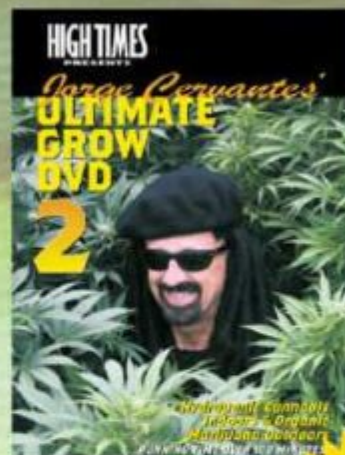


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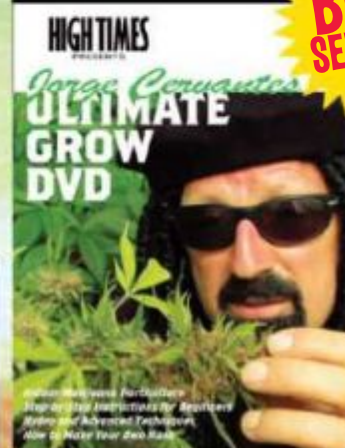
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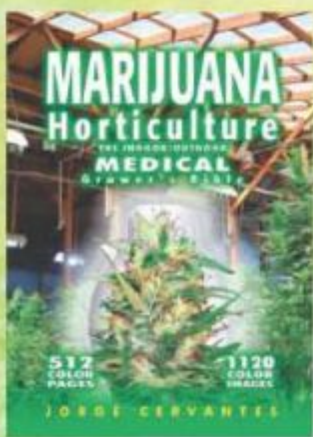
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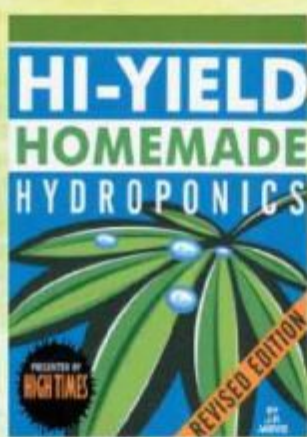
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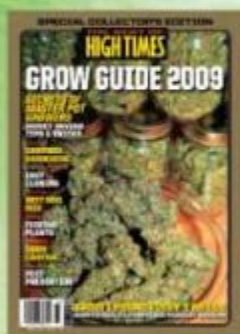
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40 **NARCS ARE LIKE FLIES! ... THEY EAT SHIT AND POTHER HIPPIES!**

the **Pot40**
compiled By **John Holmstrom**
cartoons By **KOSMO**

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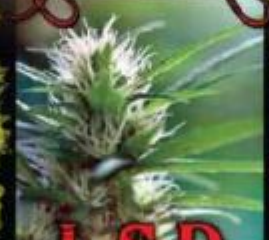
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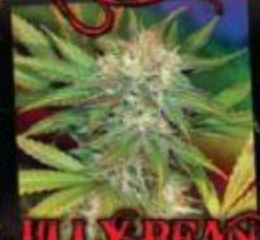
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