

WEED WORLD™

ISSUE 138

GROWING WITH
LED TIME TO
UPGRADE?

Purple
Banana:
a **BEHEMOTH**

a marriage of
TITANS

AMNESIA KUSH

PART 2 THE LOST ART
of The Hashishin

LEGALIZATION

THE LATEST GLOBAL DEVELOPMENTS

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ISSUE 138

WELCOME TO WEED WORLD

WEED WORLD was founded in 1991 and is a bi-monthly (published every 2 months) magazine. We always knew the true benefits of medical marijuana so, with this in mind, we became a fighter for the cause and a true innovator. Our job was to keep people informed about this wonderful plant and how they can medicate themselves. We are still doing that to this day! Thanks to all of our readers for supporting us over the years and to all of the people who work with us to help create this amazing magazine.

NEVER MISS AN ISSUE! FROM THE EDITOR

Weed World magazine subscriptions are available in print and digital formats.



The Weed World magazine app is available to download for your tablet and phone.

Welcome to issue 138

We hope you had a great season this year and your crop yield was high. This year has brought some interesting developments across the globe, one of them was the change in law for the UK. Somewhat a bittersweet victory with regards to medical marijuana but, it's a small step forward with cannabis being rescheduled to Schedule 2!

We have a wide range of articles covering many challenges that you can face, like *Don't Let Ganja Growing Bug You!* In the topical *Women of Weed: Taking down Walls & Crossing Borders* Sharon Letts highlights the different reasons some women became involved with cannabis and how they have made careers out of it. In part two of *My Bi-polar & Cannabis*, Jason recaps on his thoughts around cannabis use and his illness. Simpa also shares his views on "legalization vs decriminalization".

We also have so much more, including some great grow and smoke reports, plus canna trials!

WARNING! Germination of Cannabis seed is illegal in the UK. Weed World Ltd sells seed as a collectable adult souvenir only. Please note: You have to be at least 18 years old to order any seeds.

UNITED KINGDOM LAWS. By section 6 of the Misuse of Drugs Act 1971 it is an offence to cultivate any plant of the genus Cannabis in the United Kingdom without a license from the Secretary of State. Anyone committing an offence contrary to this section may be imprisoned or fined, or both. Please note therefore that germination of cannabis seeds, without an appropriate license is illegal in the United Kingdom.

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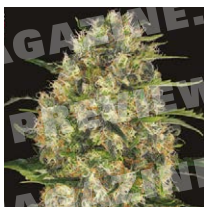
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Purple Banana Strain Report

Purple Banana is a cross between a Banana OG female and a Purple Mayhem male. Both parent strains are magnificent in their own right and when blended together create something stellar! Growers and patients alike will absolutely fawn over this...



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Black Domina Grow Report

Since 1996 Sensi Seeds' four-way indica hybrid Black Domina has been standing for merciless terrific indica power, fast flowering, fat yields and a highly special aroma. The Doc fell under her spell and got her in his grow room for a cultivation test. This strain story tells you what...



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Cannabis Culture Music: Mendo Dope

Straight out of Northern California, the Mendo Dope Band is on the front line of Cannabis Culture Music. With over 10 albums released so far, this group of musicians has made a massive impact in the Cannabis industry all around the globe. Mendo Dope was formed by brothers Old E and...



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...Plus! Even more tasty snippets inside! | This issue's cover photography is by Weed World

LED grow lights are more expensive than HPS, but many of the larger professional growers won't grow with anything else. Self-sufficient home growers are migrating to LED faster than ever before. But the cost of a new LED means it is probably the most expensive grow room upgrade you will ever make. So, is it really worth the money? Let's start off with a few simple technical basics.

LED 'chips' and COBs.

Many LED grow lights use traditional LED 'chips', usually these consume around 3W each, sometimes a little more, sometimes less. The top manufacturers include Osram, Philips, Cree etc. Often a grow light will have dozens of these LED chips, they are bright and available in a range of wavelengths. COBs are higher power, each one can consume 50W or more and can be thought of as similar to a large LED light source with a higher power draw.

Cooling. Active vs. Passive cooling.

The best LED growlight manufacturers keep the LED chips and COB's as cool as they can. This enables the best LED grow lights to retain around 80-90% of their light output even

after many years of use. Passive cooling allows heat to radiate silently away from a metal heat sink. Active cooling often uses a fan to blow air over the LED metal heat sink. This may make a low humming noise, for bedroom growers that could be an issue. Active cooling may come with slight fan noise, but it's a good way of helping keep the LED extra cool. In reality both methods work well. Passive cooling is preferred by those that favor absolute silence and inherent design simplicity.

Purple vs. white spectrum. They both work fine.

White spectrum LEDs are the most user friendly to grow with. The spectrum usually appears as warm white, similar to a summer evening glow. It's an easy light in which to check the



Solar System 550 LED in white light mode (see purple mode on opposite page)



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WEEDWORLD

CANNABIS EXPANSION

OVER THE AGES

Meet the expert, Fred Delisio

45 YEARS
EXPERIENCE