

# WEED WORLD™

ISSUE 141

**DIY** DEEP WATER CULTURE

**VO** MEDICAL RECREATIONAL

PLANNING YOUR  
**INDOOR GROW**

THE SCIENCE OF  
**INDOOR GROW**  
**Lights**

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**18**

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# ISSUE 141

## 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 141

This issue we welcome a new writer, Erin Lindley, whose experience is within the industrial hemp industry. Erin's article, *Cannabis vs Cannabis* looks at the myths and untruths around this topic and answers, "What is the difference between hemp and marijuana?"

Simpa looks at *Medical vs Recreational Cannabis*, Stoney Tark answers *Frequently Asked Questions About Breeding* and Paul James examines *Cannabis Effects on Mental Health*.

We have reintroduced one of your favorites too: a series highlighting cannabis-friendly places around the globe. *The Weed Traveler* kicks off with a visit to the 420 Lounge in Palm Springs.

Plus, there's so much more!

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.

INTERNATIONAL LAWS. We dispatch our seeds on the condition that they will not be used by others in conflict with applicable local law. Unfortunately, regulation and implementation in respect of cannabis seeds differ tremendously from country to country. For this reason we advise you as a matter of urgency to make inquiries about the regulations in your country. Please be aware that even though some countries' laws are changing, please check your country's and do not violate any laws!

As a Weed World customer, you are prohibited from distributing seeds purchased, solely on the premise for souvenir or nutritional use only; to countries where possession of and/or trafficking in Cannabis seeds is illegal. Weed World Magazine Ltd and Weed World E-Zine, (to include Online Store) does not wish to induce anyone to act in conflict with the law. All persons who purchase seeds from Weed World online store, are responsible for their own actions in the future. All information contained within Weed World publications is strictly for educational purposes only and is not intended to condone, promote or incite the use of illegal and/or controlled substances.

THE ITALIAN VERSION OF WEED WORLD MAGAZINE will vary slightly from the English version. It features cannabis news, laws and legalization news relevant for the Italian market.

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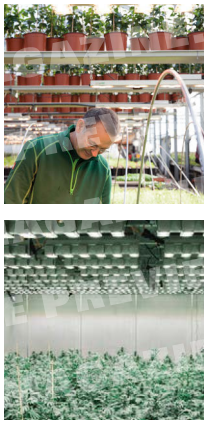
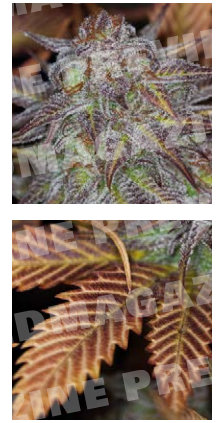
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## Cuvee': The Search for Chocolate Terps... Again

*To make two things that are good into something exceptional is the simple translation (although in French it is much sexier) and the strain was originally created in 2014 in Northern California. I had bought property in Sonoma County, a little three-acre piece on top of a nice hill near Napa...*



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## The Science Behind Indoor Lighting

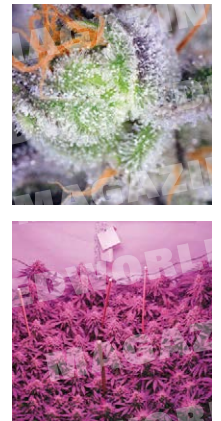
*Growing Cannabis successfully has always been a skill and a science. The lighting industry is now more advanced than ever before when it comes to science, and knowing which of the latest tech does what can be quite confusing and misleading. Weed World Magazine sat down with...*



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## Planning your Indoor Grow: Dutch Passion Seed Co.

*Growing your own cannabis is an exciting time for the average home grower. It doesn't matter whether you have grown cannabis all your life or whether you are doing it for the first time. Planning the grow, and preparing everything required for a smooth cultivation, can be great fun...*



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**...Plus! Even more tasty snippets inside! | This issue's seedling cover photography is courtesy of Professor P @relicseeds**

# MEDICAL VS RECREATIONAL CANNABIS

WORDS BY SIMPA

*What's the  
difference  
anyway?*

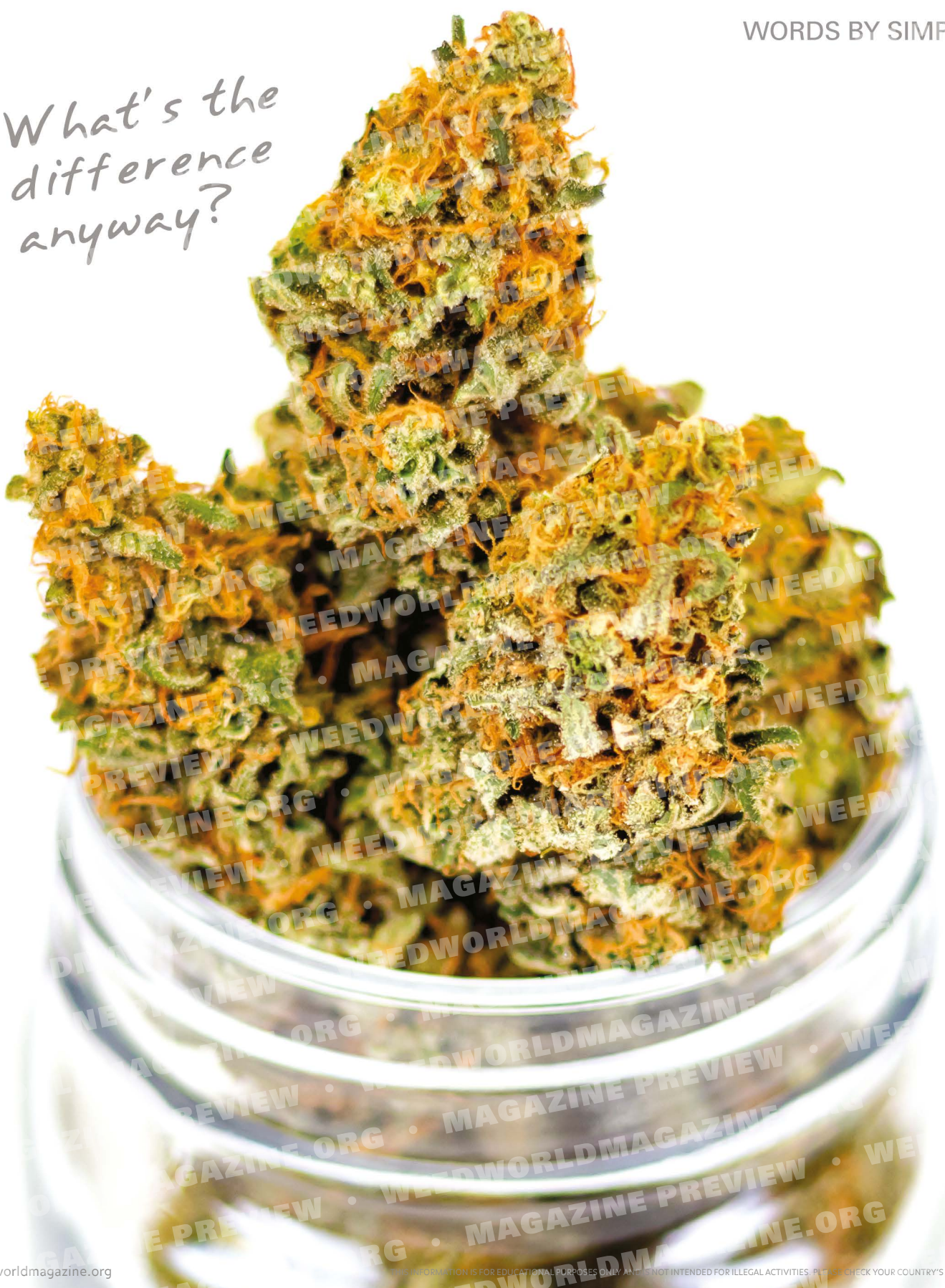


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# The Science Behind INDOOR LIGHTING

By Stoney Tark

*An Interview With Martin Anker from  
SANlightLED | [www.sanlight.com/en](http://www.sanlight.com/en)*

Growing Cannabis successfully has always been a skill and a science. The lighting industry is now more advanced than ever before when it comes to science, and knowing which of the latest tech does what can be quite confusing and misleading. Weed World Magazine sat down with Martin Anker from SANlight LED to break down the technical aspects of lighting, what plants actually need and his advice and tips when it comes to investing in a new horticultural lighting system.

*Hello Martin, as an engineer at SANlight can you tell us more about your role there?*

As engineer and C.E.O of SANlight I'm the one with the big overview. That means I'm connecting the botanical research, which is done in house, and the technical engineering together.

*How exactly do plants respond to light and what is it they use for photosynthesis?*

Plants are using light for photosynthesis as well as for detecting their environment. All photons with a wavelength from 300 nm and 750 nm are detected by the plant. Some



*All types of plants require certain bandwidths to function to their best ability.*



Growing your own cannabis is an exciting time for the average home grower. It doesn't matter whether you have grown cannabis all your life or whether you are doing it for the first time. Planning the grow, and preparing everything required for a smooth cultivation, can be great fun. And nothing quite beats the thrill of successfully harvesting your own crop of top-shelf cannabis. Growing your own cannabis is a rewarding hobby. It also saves you massive amounts of cash, and delivers better quality than the cannabis you can generally buy on the streets. Here are a few considerations before you start growing.

## Seeds or clones.

As cannabis growing has become increasingly popular, there is now quite a significant number of growers that swap and share clones. When done well this can allow the home grower a top quality selection of the best quality varieties. Well organized cannabis social clubs often boast a collection of several proven, high potency and good yielding indica and sativa varieties. Not everyone is quite so lucky to enjoy the convenience of locally supplied elite clones. That's why many grow from cannabis seeds, which can be bought over the internet or from local seed shops. If you do grow from clones the only real risk is disease, which can be introduced with

the new clones if they came from a diseased parent. Usually the risk is low, but it's worth looking out for. If you prefer seeds, your task is to get the best auto-flower or feminized photoperiod varieties. Choose a seed company you can trust.

## Summer or winter grow?

Indoor growers often struggle with temperature extremes. In summer, the challenge can be keeping the grow room from getting too hot, especially when the grow light is switched on. In winter, the challenge is often keeping the grow room warm enough, especially when the lights are off. If you grow in a loft



*Modern LED grow room with underlighting*