

Canna press

cannabis expressions accross daily lives...



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DAVID MAKHURA Gauteng Premier Page 3

In this cXs issue...

TRADITIONAL HEALERS DEMAND FAVOURABLE DAGGA LEGISLATION

Page 5

CANNABIS EXPO UP IN SMOKE



CANNABIS JUNCTON

Ganjahman Samora



One for mAny plant

s the cannabis community turns their backs away from the Sandton Convention Center after a blissful four days of all things cannabis at the Juicy Fields headlined Cannabis Expo in Johannesburg, I marvel at the resilience in the masses that are the cannabis people. At a time when gatherings are not famed and gangsterism is framed in all attires there still stands love to be sheltered under

Cannabis like water touches the faces of all men across different classes. In its fostered freedom it traverses from the meek to the sleek and negates not to pick and tick all aspects that pertain to life in and beyond these cars we call our bodies. I've noted what the world perceives as a vagabond call out to me as he read out the print on my shirt "the seven leaf ngiy'thanda i7Leaf". The man in his 30's spoke of his love for 7Leaf as

the same banner of cannabis.

he reached for a stash of plastic from which he pulled out what looks to be a bankie to light up.

Still in cannabis we have seen settings with joints pegged at astronomical prices with matching names tucked in the fingers of celebrities. Such is cannabis in its nature, it is coherent and inclusive in its function, something humanity definitely needs to relearn from the plant kingdom in general. With inclusivity comes the ability to grasp the bad and the burdens as the board players that facilitate the stability of the entire unit. Instead of being perceived as strays on the graph there lives a sequence of noting them even as new rays of possibilities.

Cannabis as the old in the new minds of humanity reconnects Africa to a new light that was dimmed from the stage as a stray dot. A possibility of reimagining an unrolling world with

cannabis alongside it, however in this moment it appears as though cannabis enters the frame with the mandate to not only save a runaway train but to take it to, that which they refer to as Space. Cannabis appears on the other leaf to carry not just a magic wand that turns trains to rockets but a green cross too. The world is hurting, the earth also needs healing and the green cross is on the rampage raising homes from hemp and razing fields of synthetics.

In its shackles the cannabis plant still shakes with ease the systems of humanity that have sidelined it for centuries. Could the bliss in the plant be the gateway back to oneness? If not outside of any other gate let us find it through and in cannabis. In all its forms of appearance, function and formulation cannabis remains true to its individuality and its corporate identity in that we may call it all that we desire and yet it will remain always as "one for many

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CANNABIS IS OUR NEW GOLD

Ganjahman SamoRa

The Premier of Gauteng David Makhura graced the Cannabis Expo in Johannesburg South Africa this past weekend, the head of the South African industrial hub in Gauteng was quick to indicate that the cannabis industry was a new facet emerging in a form that cannot be overlooked as in his opening remark he relays firstly that "this is a new industry in the big scheme of things, it's a game changing industry for we in Africa, lots of secrets already built into people's cultures across the continent about using different herbs". David Makhura continues his response to the question from CannaXpress on his perception pertaining to the route of transformation that the Cannabis industry is morphing towards as he relays that "Gauteng is the industrial hub of South Africa, our focus is to make Gauteng the cannabis hub but on the industrialization and medicinal ends".

The Premier David Makhura who is steering the Gauteng ship at the helm of rolling out of a multibillion Rand industry in South Africa reaches across the overlooked arms of the cannabis industry stating that "in the end we would like also to be the place also to open up for recreational use of cannabis, what we want in the moment is to support the growers because the potential for growing indoor is huge". In the scheme of pivotal roles there is an acknowledgement of other key cannabis players in the country as the Premier refers to the communities in Eastern Cape that prefer to grow recreational weed outdoors.

In an anti-consumer mindset stance David

Makhura twists to value addition of the cannabis flowers stating that "if we miss the processing of it, you are missing the money, you are missing the jobs, otherwise it comes here as very expensive medicines, grown in Africa but coming back to be sold here beyond the reach of Africans, it is our new mineral, cannabis is our new gold". The premier lights up as he turns to a reference on how hemp has also transformed the animal husbandry wing in the Agricultural space with reference to the use of the plant in feedlots indicating that the results looked remarkable.

CannaXpress asked the Premier David Makhura what value he was looking to unlock for the young people of Gauteng who face stringent difficulties continuously in a bid to maneuver the red tape and gate keeping measures with the cannabis industry framework, in response David Makhura qualifies that at an entry point as small scale farmers stating that "we already have small scale farmers in every industry we know firstly they need an offtake to generate sufficient income then somewhere down the line they need training, we want to work with people in the sector to expose young people to where they can become cannabis farmers, both indoor and outdoor and as we do with all agriculture access to funding. It will be a very sad story if the new gold does not include the small scale guys, especially guys in the townships, young people should not relate with cannabis just from the point of smoking they must know there is much more use and value for it".

To page 6



RASTAS IN CONTINUED FIGHT FOR RIGHTS

ust under a fortnight and the Rasta where back on the front foot lobbying a unit that called on an everyday cry for the Rastafarian community to be included in the cannabis capital economy. The march held outside the Union Buildings in Pretoria the Rastafari Community of South Africa (RCSA). CannaXpress caught up with Sister Letty on the sidelines of the protest who stated that "there is an urgent need to protect the cannabis plant as it is the only plant that is still in the hands of the people". The march in the capital of South Africa was organised by the Rastafari Community of South Africa (RCSA) with a mandate speaking to protest action against mandatory vaccines and the total liberation of the ganja plant.

"We can produce anything with this plant. We can make textile, fuel, cosmetics, edible oils, medicine the list is endless, the march is for complete freedom of cannabis, no licenses and no permits. We are making a call on the government and the South African Health Product Authority (SAHPRA) to allow the use of cannabis. People who decide to earn a living by cultivating and selling marijuana, must be given that right to do so" Sister Letty stated as she retreated to base one speaking to cannabis. In alignment with the mandate of the Rastafarian global mandate to advance

and defend natural laws the gathering also voice their concern on mandatory vaccination as Sister Letty voiced in the same moment that "we are also marching against mandatory vaccines, we are against vaccination certificates which in a way forces people to vaccinate. People must not be forced to vaccinate". The CannaXpress Weeditor met with Ras Thau Thau at the Cannabis Expo on the same Friday after the protest and the vibrant Rasta indicated that "the fight must continue, we are on the ground and continue fighting for the cause of the plant and the Rasta" The red, green and gold protestors also demanded the formulation for a commission of enquiry on cannabis victims that together with the release of cannabis convicts arrested solely on cannabis charges together with the coupling of a form of compensation for cannabis victims hinged on a cannabis development fund. In remaining pure to the bases of the cannabis plant the gathering also requested the facilitation and the availing of land for Rastafari community.

"There are many of us in jail for cannabis and most of us were released on bail, we require the cannabis commission of enquiry.



Some of us have criminal records because of cannabis and therefore cannot practice in our respective careers," said Sister Letty. Ras Timothy Ngcobo from Mpumalanga said that politicians are being used as puppets in the whole cannabis scenario. "We know that the ruling party is actually not running the country. There is an agenda by the Capita to steer certain polices and laws things to favor them and not the Rasta. With cannabis they are still exploring how they can manipulate the industry so they can make money just like they are doing with Covid-19," he concluded.









CANNABIS COLLEGUES GRADUATE

STAFF WRITER



Chamwari Ketano, Rynard Schoeman, Motlatsi Tshehla, Bryce Young and Mbugua Kamau

heeba Cannabis Academy held the second graduation this past ■ Thursday in Johannesburg, South Africa, 2021 as an academic year has seen the cannabis education entity rolling out and equipping of two cannabis academic groups. The CannaXpress engaged with the founders and some of the students graduating on the day at an event held

at the Maccauvlei Campus in the Vaal. The Cannabis College approaches 2022 in the brink of a relocation of their campus closer to the people and our question to the students was positioned on how and if the journey had brought them closer to the cannabis plant. We spoke to Ras Motlatsi Tsehla a resident student at the Cheeba who was part of the group checking out of the campus

he spoke to cannaXpress stating that "the three months on campus were eye opening due to the diversity of the cannabis enthusiasts gathered in the same classroom, this was one of the most amazing experiences and even though the rose has thorns such is characteristic of unchartered territory and I feel the three months is not adequate as there is a lot to learn on cannabis as we formulate an absent cannabis education syllabus".

Linda Siboto the director and cofounder of the academy spoke CannaXpress on the journey of the pioneers and the students as they traverse the cannabis formal academic front who stated "that it wasn't all easy being our second intake, the caliber of students who enrolled this time where of a different variety, the different level of expertise and skills added an interesting layer of peer to peer learning".

The transformation in cannabis education is flying across different industries and the show case of that evolution was displayed at the just ended Cannabis Expo. Cheeba Academy Students graced the event as part of their field trip, now that's higher education.





Traditional healers demand progressive dagga laws _Tulani Ngwenya



peaking at the Cannabis Expo in Sandton on 20 November, 'Gogo' Lucy Mthembu from the African Traditional Medicine stated that the government and legislators do not have enough traditional knowledge to legislate the use of cannabis as a traditional medicine. The expo, held at the Sandton Convention Centre in the economic capital of South Africa brought the fore hidden and unknown perspectives on the dagga industry with lectures and speeches. This year, the expo hosted more than 100 exhibitors, who among them, featured cannabis food marketers and industry expert speakers. Traditional healers who attended the Expo and made presentations on the first day of the four day expo, decried dearth and disregard for indigenous knowledge systems regarding dagga in South Africa. Showcasing her presentation on the topic, "Cannabis is our Traditional Medicine," Mthembu said, "Cannabis is our traditional medicine. We don't need permission from anyone to use this plant."

Gogo Mthembu also pointed out the long history cannabis has amongst Africans in the sub-Sahara region spelling its medicinal and spiritual significance.

Continued on page 7



flash back to Pretoria its December 2018 and the first cannabis expo is ongoing with a clear and defined barring on recreational cannabis appearance in all forms from live plants in veg or flowering to the flowers thereof it was an Expo carrying all the X ratings on recreational cannabis. The romour monger has it that the "President" is coming to the Cannabis Expo and there is a standoff as the Rastafari community moves a motion to protest it's all tension and suspension till the last day and a growing point for the Cannabis Expo organisers.

Fast forward to the just ended 2021 Cannabis Expo Freedom Festival and the Sandton Convention Centre was up in smoke right at the backend of the Expo Exhibition stands opened up a Freedom Festival with meals, music and marijuana. The ganja is located at a private cannabis club set up at the festival, cannabis enthusiasts are in real time smoking doobies on the fences of the law within the walls of the convention centre under the banner of the Expo. No more basement smoking trips for cannabis enthusiasts attending the Expo, a welcome development by recreational custodians of the

cannabis plant and culture.

The Freedom Festival is arraigned with DJ sets theming the chill area as varying vocal artists grace the stage in performances vibrating chords within the cortex range of the gathered stoners. Aaptwak and Greenside headline the Freedom Festival as they ignite close to one kilogram of bud with a massive mission to hotbox the Convention Centre Freedom Festival area. Aaptwak after rolling out the experience relayed his gratitude to the event organisers stating that "the hotboxing of the Expo was supercool, we would like to thank our sponsors and the event organisers for allowing for this first in their gathering, we go again in Capetown at the next2022 Expo". Three years from the first offering, time positions us on November 26 and a seven day roll back lands us at the Johannesburg Cannabis Expo at the Sandton Convention Centre, its 420pm on a Saturday the blow torch in the hands of Aaptwak ignites to initiate a great smoke from the flaming flowers of beautiful cannabis. The smoke swells and twirls in minutes transitioning through the air spaces and crowds of ecstatic stoners into the Expo Freedom Festival area as the smoke

Continued On Page 10

Cannabis is our

continued from page 3



Turning to the universal muscle that is cannabis the premier touches on its disruptive power indicating that "the disruption of existing big pharma is going to come from cannabis, that why there is so much that is hidden in Africa and the potential to bring in young people in the cannabis industry is not as complex as traditional Agriculture the potential is huge".

In that moment the CannaXpress remarked to the Premier David Makhura motioning interests of a faster rolling out of recreational cannabis a remark to which David Makhura as his entourage chuckle as he adds that "I am here because I am very passionate about unlocking the cannabis industry, I know there is lots of policy and legal obstacles along the way, we

will remove the obstacles one brick at a time and position cannabis as one of the key drivers of our economy".

The passion was evidenced in the engagement David Makhura displayed as he walked across exhibitors taking time to learn on the various offerings from different exhibitors. The cannabis industry is waking up from a manmade hibernation and as the underground rumble responds to the news of reefs in potential on the cannabis face there is a need to position everyday cannabis people in play of policy formulation and empowering initiatives. A call on the face of South Africa and David Makhura in this moment but valid in principle across all facets of the cannabis plain.



Traditional healers demand progressive dagga laws

Continued from Page 5

"It has been used by elders for centuries and we have not been using it wrongly and we don't know what's wrong with using it. We know its work for both patients and sometimes for spiritual purposes by traditional health practitioners (THPs)," she said. In her presentation gogo also castigated the government and legislators for taking a regulatory stance on cannabis in the absence of true understanding of the plant and its use amongst indigenous people in South Africa.

Characterising policy makers as estranged and out of touch with African culture, Mthembu said, "Law makers don't know our culture and our traditional family values. If they did they wouldn't be passing laws that make them appear like foreigners to their culture". Mthembu is not a lone voice in calling for African governments to consider cultural dynamics in the control of cannabis. Walter Chingwaru, a lecturer at Bindura University in Zimbabwe spoke to the Tonga people in Zimbabwe and he concluded that "the Tonga people perceive cannabis as a gift from their gods and a great promise for healthier living."

He also concluded that African governments continue to rely on colonial legislation to disallow the use of cannabis by indigenous people who had always used it even before the arrival of Europeans. Chingwaru wrote: "the use of cannabis continues to be subdued by laws that were put in place without regard or knowledge of the herb's full medicinal and traditional value."

Writing in the Mail and Guardian Online of 28 February 2014, Kings Sipho echoed the same sentiments. "It has not always been considered off limits in South Africa. In Basotho tradition, cannabis has long been used to ease childbirth – an appreciation for its analgesic properties..." Kings wrote.

On 4 May 2017, an article published by the blog, Constitutionally Speaking, noted: "As Justice Sachs noted in 2002 in his minority decision in the case of Prince v President of the Law Society of the Cape of Good Hope the use of dagga is deeply rooted in South African indigenous culture. Its possession and use were only criminalised by the colonial regime in 1928 and this was done for political and so-called "moral" reasons."

Like Mthembu who argued that criminalization of cannabis was unexpected after independence, there are tons of literature pointing to it as a traditional crop. An example is Chris S Duvall, who, in his 2019 paper, The African Roots of Marijuana avers that cannabis or dagga was already in popular use in South Africa by the indigenous Khoisan and Bantu peoples prior to European settlement in the Cape in 1652, and was traditionally used by Basotho to ease childbirth.

Mthembu challenged government in particular and South Africans in general to invest time to investigate indigenous knowledge systems around cultural use and products of cannabis. "When we look back from where we come from, from the townships, from our black culture, our culture and our traditions, there is a lot of knowledge that is hidden

to the future generations and even to some of us who are just learning this now. There's so much needed that must be given to the youths," she declared.

An example of the "hidden" knowledge surrounds the naming of the plant. She offered that Marijuana and cannabis are new names adopted by colonialists to confuse Africans and to create their own versions of perceptions about the plant. Duvall's paper proposes that dagga is an Afrikaans pronunciation for 'dacha', a Khoikhoi word for cannabis which was used by the early European colonial settlers in the Western Cape to refer a plant they already found popular amongst Africans. After listening to Mthembu's

After listening to Mthembu's presentation at the Sandton Cannabis Expo, society must take

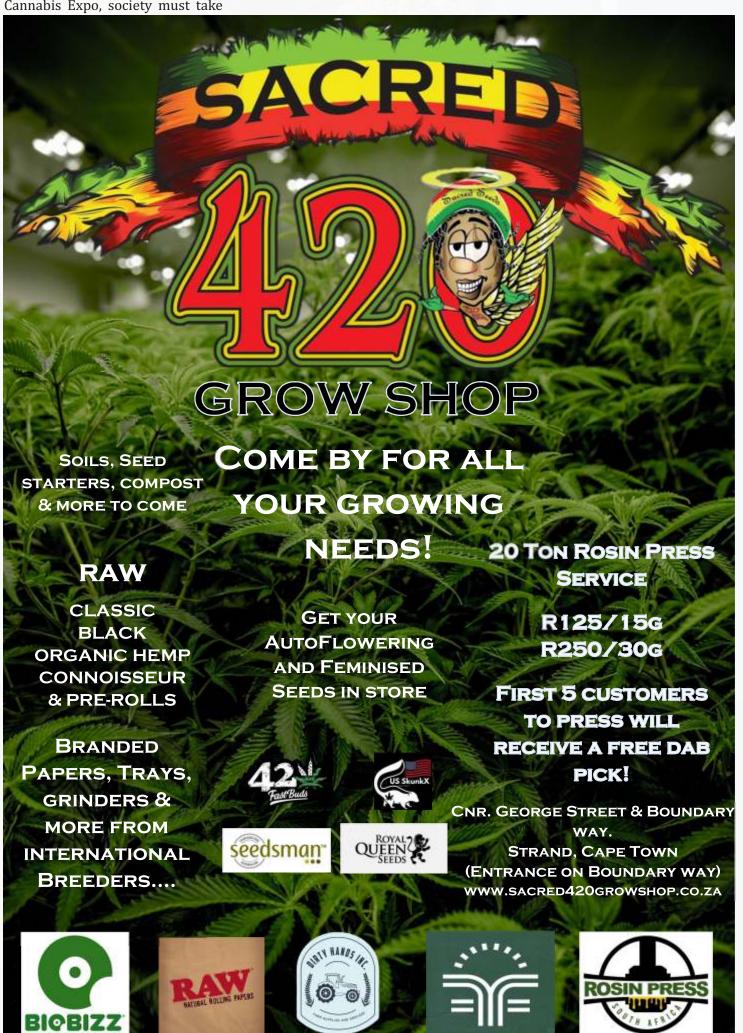
the challenge to involve African Traditional Healers in decisions regarding cultural and traditional use of cannabis since law enforcement is leading to unnecessary arrests.

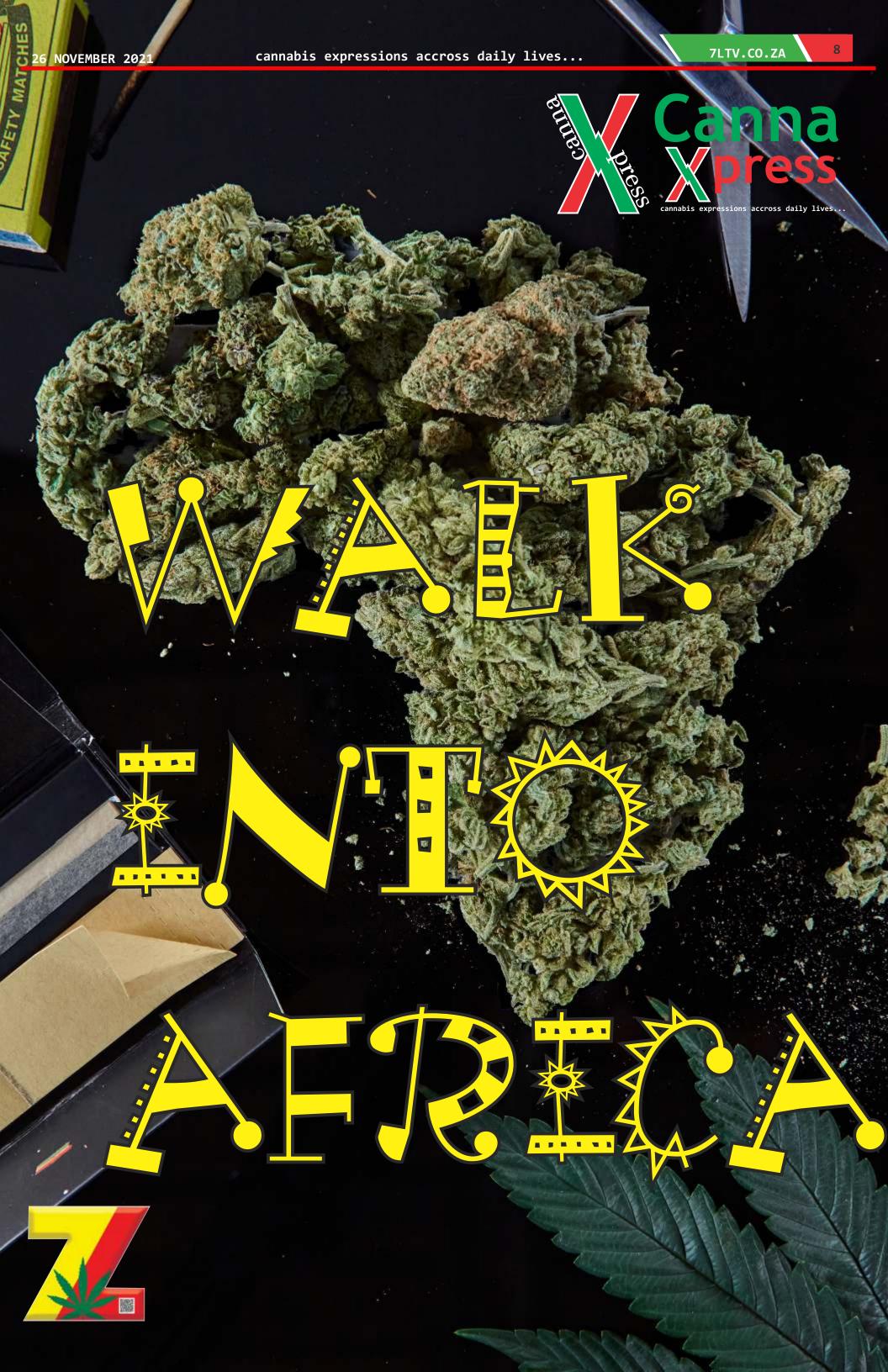
The saddest part of Mthembu's presentation was when she revealed the democratic rights of cultures using cannabis for healing and spiritual reasons were being sacrificed on the altar of legislation and regulation as well as versions of European morality.

"We're never consulted by government as traditional health professionals. African Traditional medicine health practitioners need protection of our customs and traditions," she concluded.

The Expo was attended by many people representing big names in the cannabis advocacy fraternity







& LESOTHO MOVE TO OCK CANNABIS POTENTIAL

On the ground in Africa

Tulani Ngwenya

raversing the journey to a successful cannabis destination story is not a smooth one; it is rocky with twisting bends and uphills, but the Lesotho and Zimbabwe cannabis stories are a sign that cannabis, the cash crop, is poised to clear Africa's smoky path towards economic growth.

For Lesotho, a small mountainous country ensconced within the borders of South Africa, the story of her legalization was not all talk. After promulgating of the Drugs of Abuse Act in 2008 which legalized cannabis for medicinal purposes, Lesotho took pragmatic steps to make cannabis a cash crop which would fork in billions in foreign currency.

In 2017, Lesotho set the pace in SADC when it pioneered legalized cultivation of cannabis for medicinal and research purposes.

Lesotho is glaringly reaping anticipated dividends as she is currently witnessing increased foreign investment from companies with fat pockets in the cannabis industry.

From the dust and the sweat invested in the new sector recently spawned by the legalization of cannabis, the smoke could be seen through vast employment opportunities as the country effectively moved to cash in on its green bounty by courting international investment in terms of cultivation and processing.

Commercialization of the cannabis plant and its products has the greatest potential to turn around employment fortunes for the locals. "Cannabis is going" to set free this country," says Dr. Emmanuel Letete, an economist in Lesotho's Ministry of Development Planning.

Where the kingdom's mountainous geography once meant that it missed out on big agribusiness opportunities, this time its altitude could be the key to its

The world's biggest cannabis companies listed on the Canadian and New York stock exchanges investing millions of dollars in Lesotho's budding industry are partnering with local companies.

According to an African Business article, investment grows in Lesotho's marijuana market. From "March 2018, a Canadian company, Supreme Cannabis, made a C\$10 million (\$7.5 million) investment in the Marakabei farm, Medigrow."

Medigrow's vast medicinal marijuana farm, in Maseru's Makarabei district, is a harbinger of hope for job opportunities to the impoverished local community.

This was immediately followed by a Canadian company, Canopy Growth which clinched Daddy Cann, a local company in a \$28.8 million deal to operationalize its license to cultivate, manufacture, supply, store, import, export, and transport cannabis and cannabis resin.

In May 2018, another Canadian company, Aphria entered into a \$3 million joint venture pact with Verve Dynamics, which has farming sites in Lesotho In 2017 US-

based Rhizo Sciences joined hands with Medi Kingdom Holdings to rollout a \$45m medical cannabis export facility in the Lesotho.

The Kenyan experience is however not without imperfections.

The cannabis grown in Lesotho and other parts of the continent is "probably produced for the African and regional market, because at the moment there's such high barriers to entry into exporting in Europe or north America," Eoin Keenan a consultant at Prohibition Partners told African Business reporter, Shoshana Kedem. The atrociously high license

fees have seen a proliferation of foreign investment at the expense of locals. This has the potential to cause land conflicts or drive illegal cultivation of cannabis by locals who find it unbearably expensive to formalize their agrobusinesses.

Nkaku Kabi who was appointed to the Ministry of Health in 2018 captured this dilemma: "Now we have a little dilemma, because they are Basotho, but they can't raise the 500,000 rand," he says. "But if you can't raise the 500,000, how are you going to run this industry. Because it's not a small-boy industry, it's a giant industry."

The same scenario materialized in Zimbabwe, South Africa's northern neighbor.

A May 13 2021 article "Africa Needs Cannabis to Spark Economic Growth" by a Harare-based journalist Tonderayi Mukeredzi conclu

at though

licensing of

the cannabis

industry

could "prevent

illicit use,

governments

have instituted an

expensive licensing

system. But the hefty

price of a license

which can cost upwards

of \$10,000 is preventing

small farmers and

enterprises from

participating in, and

benefiting from, the market."

In his reservations, he added,

"Beyond inhibiting the

industry's growth, these licenses

deep-pocketed foreign investors, as most of those licensed are international companies" thereby downplaying participation of small scale local farmers.

Zimbabwe followed Lesotho's example when it legalized cannabis cultivation for research and medicinal purposes in 2018 thereby becoming the second African country to turn cannabis into a cash crop.

> decriminalize cannabis as a plant was motivated by the desire to lift the economy from its doldrums. Zimbabwe's finance minster, Mthuli Ncube, anticipated that the brand new

The decision by Zimbabwe to

cannabis industry could fork in \$1.3 billion in revenue by year ending 2021.

o n

cultivation for medicinal

Ncube said cannabis

While deliveri ng his year e n d g bud e t statement 2 6 November 2020,

earned \$444 million from the 2020 marketing season that closed in August of that year. Douglas Munatsi who is chief

abwe, Africa's number one

cco producer and exporter

expects to utilize its existing

competitive advantage to

springboard its cannabis industry to

create a leading edge for marijuana as

In the article, "Cannabis-Growing

Gathers Momentum in Zimbabwe",

writer, Columbus Mavhunga cited

experts, farmers and opinion leaders

who spoke on Zimbabwe's marijuana

In the July 09 2021 article, Dr.

Zorodzai Maroveke who heads the

Zimbabwe Industrial Hemp Trust was

reported to have toured cannabis

farming sites in Beatrice where she

reportedly opined that the cannabis

route was "a smart choice" likely to

Tobacco Industry and Marketing

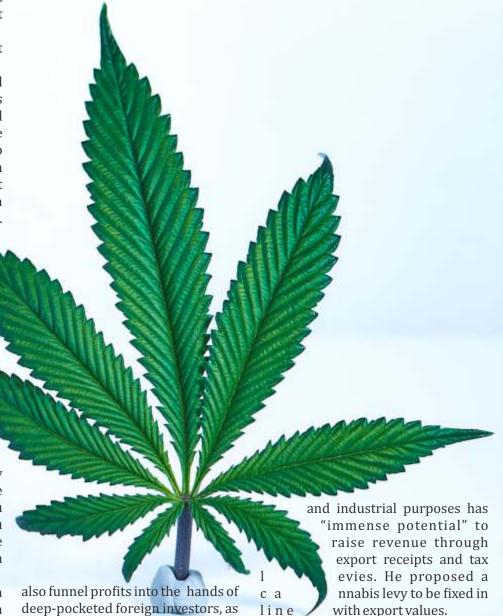
Board reported that Zimbabwe

farming trajectory.

treble tobacco earnings.

executive officer for Zimbabwe Investment and Development Agency, said, "Investors can have 100% ownership of their investments and locate their facilities anywhere in the country without prescription."

After sensing the country's controversial land policies of the 2000s would tank foreign investment played the "100% ownership" card to guarantee the protection of property rights. Zimbabwe has so far licensed over 50 investors.



Zimb

toba

PO UP IN SMOKE







It's all laughs, coughs and slithering as the masses are partially submerged in smoke with cameras all round recording what would in some books like our be recalled as a recorded first. "This is super amazing, when my friend saw the smoke on the crown of this place he was shocked what was going on and I said to him just look

for Walter!, I am at the Expo for the first time this has been an amazing experience for me as a stoner, let's make the smoke real weed (THC dominated cannabis) next time" stated a visibly amped stoner Khumbu Mokoena "we want to get high". From the sight of cannabis barred in

2018 to a private smokers lounge and a "hotbox" session on Saturday maybe the two years without the Cannabis Expo has morphed the gathering to rope in the recreational culture of cannabis. The 2021 Expo transformed so much that it opened its doors with a flagship Shroom

this wing of the Expo open the veil to the soul with the shroom recreational world? We will allow the smoke to lead us to that end and desired change but for now let's keep sparking up. Watch the video on @Aaptwak710 on Instagram.

AGES OF A GANJA PLANT

Sponsored by Southern Magnetism

Cannabis plants go through a series of stages as they grow and mature, and those different growth stages call for different amounts of light, nutrients, and

It's important to know these stages and how long each lasts to know what the plant needs and when. Knowing where your cannabis plants are in their life cycle will dictate when to prune, train, and trellis your plants, and when to harvest. Generally speaking, it takes anywhere from 10-32 weeks, or about 3-8 months, to grow a weed plant from seed. It'll be quicker if you start with a clone or an autoflower seed.

The biggest variability in how long a marijuana plant takes to grow will happen in the vegetative stage—after the seedling phase and before flowering. You'll need to adjust them based on your specific region and local weather and climate.

Be sure to keep a grow journal to track the progress of your plants. Looking back on your notes will help you learn from mistakes and maximize the quality and quantity of your buds.

Take meticulous notes on when and how you perform each step, as well as what the weather is like. Other notes can include how much water you give plants, at what intervals, and how much nutrients you give them. Pictures will also give you a better sense of how your plants look along the way.

The growth stages of marijuana can be broken down into four primary stages from seed to harvest: Germination (3-10 days) Seedling (2-3 weeks) Vegetative (3-16 weeks) Flowering (8-11 weeks) The first marijuana plant stage begins

with the seed. A cannabis seed should feel hard and dry, and be light- to darkbrown in color. An undeveloped seed is generally squishy and green or white in color and likely won't germinate. Once your seed has germinated, or sprouted, it's ready to be placed in a growing medium, The tap root will drive down while the stem of the seedling will grow upward. Two rounded cotyledon leaves will grow out from the stem as the plant unfolds from the protective casing of the seed. These initial leaves are responsible for taking in sunlight needed for the plant to become healthy and stable.

As roots develop, the stalk will rise and you'll begin to see the first iconic fan leaves grow, at which point your cannabis plant can be considered a seedling.

When your marijuana plant becomes a seedling, you'll notice it developing more of the traditional cannabis fan leaves. As a sprout, the seed will initially produce leaves with only one ridged blade. Once new growth develops, the leaves will develop more blades (3, 5, 7, etc.). A mature cannabis plant will have between 5 or 7 blades per leaf, but some plants may have more. Cannabis plants are considered seedlings until they begin to develop leaves with the full number of blades on new fan leaves. A healthy seedling should be a vibrant green color. Be very careful to not overwater the plant in its seedling stage—its roots are so small, it doesn't need much water to thrive. At this stage, the plant is vulnerable to disease and mold. Keep its environment clean and monitor

excess moisture. Be sure to give it plenty of light. Even if growing outdoors, a lot of growers will start their seeds inside under an artificial light to help them through this delicate stage of marijuana growth. Marijuana light cycle: indoor—16 hours a day; outdoor—at least 6 hours of direct sunlight ("full sun"), plus several hours indirect sunlight. The vegetative stage of cannabis is where the plant's growth truly takes off. At this point, you've transplanted your plant into a larger pot and the roots and foliage are developing rapidly. This is also the time to begin topping or training your plants. Be mindful to increase your watering as the plant develops. When it's young, your plant will need water close to the stalk, but as it grows the roots will also grow outward, so start watering further away from the stalk in the soil so roots can stretch out and absorb water more efficiently. Vegetative plants appreciate healthy soil with nutrients. Feed them with a higher level of nitrogen at this stage. If you need to determine the sex of your plants (to discard the males), they will start showing sex organs a few weeks into the veg stage. It's imperative to separate males so they don't pollinate the females. Marijuana light cycle: 12 hours a day The flowering stage is the final stage of growth for a cannabis plant. This is when plants start to develop resinous buds and your hard work will be realized. Most strains flower in 8-9 weeks, but some can take even longer, especially some Sativas.

Outdoors, flowering occurs naturally when the plant receives less light each day as summer turns into fall. Indoor growers can trigger the flowering cycle by reducing the amount of light marijuana plants receive from 16 to 12 hours a day.

Within the flowering stage, there are three subphases:

Flower initiation (week 1-3): The plant will continue to grow and females will develop preflowers—pistils, or white hairs, will

grow out, which are the beginnings of buds.

Mid-flowering (week 4-5): The plant itself will stop growing and buds will start fattening up.

Late flowering/ripening (week 6 and on): Trichome density will increase and plants will get very sticky; keep an eye on the color of the pistils to tell when to harvest.

There are a number of changes to consider once plants go from the vegetative stage to the flowering stage: Don't prune when plants are flowering stage, as it can upset their hormones. Plants should be trellised so buds will be supported as they develop

Consider giving plants bloom (phosphorus) nutrients and vulvic acid added calmag.

Buds typically grow the most toward the end of the flowering life cycle. You probably won't notice much budding out at the beginning of the flowering stage, and it will slow down toward the end of the cycle, when buds become fully formed. Once buds have reached full maturation, it's time to harvest your marijuana.

R21000 JBD BONG WON @ EXPO



he Cannabis Expo is the gift that keeps giving from the moment one walks into the walls of the parade, they are showered with giveaways in the welcome packs and specials across the exhibition floors. CaliBoyz South Africa was committed to headline this offering of the expo with a customized give away to a stoner.

When Sunday happened and the stars aligned for the bong and the future owner to merge, the CannaXpress was present to witness the giveaway of this glamorous glass bong curated in the USA by clear sand transformer Jerome Baker. The bong landed on the South African exhibition floors on Saturday with CaliBoyz South African front man Mohammed aka Moe on Saturday afternoon hot out of the California oven and warm enough for the next day giveaway.

a serene display of cannabis scent makers academically classified as terpenes, the journey of the nose from the oil extraction scents twisted to the iris space with a manicured caress birthed in the smooth array of class glass bongs. There rested the subject matter the R21000 bong baked by Jerome, the show stopper with a custom South African flag torched into its body a first by Jerome Baker on flagship talk. The raffle was held at the CaliBoyz stall and a winner was picked out for the pure glass, a treasure for a canna connoisseur; @tiggyzols of Senpai genetics walked away as the winner of the R21000 bong raffle following the purchase of a Santa Cruz shredder @tiggyzols posted images of the bong on his Instagram posting a "shout out to @Caliboyzsa for making the expo with their crazy imprted Cali goods!". Dean from @MarijuanaSA who was present at the handover on the expo stage asked

@tiggyzols if he would smoke the bong to which he replied "I am going to put it up right along my other cannabis collection".

CannaXpress connected with the bong winner and asked if he had smoked in it yet; "I haven't smoked from it at all, I am not going to, it is being showcased I am putting it in a glass box and for all the international virtual meetings, it will be a huge piece speaking towards the connection between Africa and the USA" stated a Tigs.

CaliBoyz has its roots in South Africa and through the extended reach and network relationship within both continents and countries they are offering quality products from California and consultation on cannabis extraction in large scale operations. Mylo from CaliBoyz spoke to CannaXpress

indicating that "we were inspired to bring to the Cannabis Expo quality USA glass and our partnership with Jerome Baker and the timing of the expo aligned to see the customized glass bong fly into the country with



speed rolling competition now features as a staple at the Cannabis Expo and located on the double six port, Aaptwak and Cannasan had lots to give away for those who attempted and aced rolling a joint in the fastest time. Located at the door way to the recreational Freedom Festival the stand posed a sight with CBD Leafolo pulling the eyes searching for flower.

A quick stop opened the eyes to a game of time vs rolling a joint in how fast can roll one roll joint. The Expo Control time by the organisers was 4.4 seconds recorded on the show by the organisers with their fastest time as 3.95 sec.

Nathan won this session of the Speed rolling offering recording a shocking 3,7secs. The rules of engagement are that the joint must be smokable after rolling and the ground substrate and filter are rested on the rolling paper with hands ready to roll away. In ghost tendencies the session was off

camera records or did it happen so fast the camera man was sleeping? Glad the timer stopped though.

The CannaXpress caught up with one of the top participants over the weekend who identified herself as Magoshe and ticked the speed rolling fest with a fast time of 5.2sec. The vibrant lady who was ever more willing to re-roll an attempt at the winning numbers stated that "she wants to go for the record now" that second attempt on a conscious camera was met with amazement at ten seconds count as she looked at the timer.

The speed rolling ladies front won by Jordan as she topped the joint rolling affair with a startling time of 4.88 seconds off record, the second was best time was recorded by Tumi who folded the flowers to stop at 5.99 seconds. The real rollers are emerging in the under 5seconds category and one wonders what the Speed Rolling Zolimpics will present in jitters and glitters when the moments of reckoning merge.







26 NOVEMBER 2021

cannabis expressions accross daily lives...

R21k JBD Bong WON @Expo

HAND MADE JEROME BAKER DESIGNS BONG

Photo: fs_photo_za



WHO ROLLS FASTER?

Complete Story on Page 15

