

# XPhyto Therapeutics Hugh Rogers talks about rapid-results virus testing

InvestorIntel's Peter Clausi talks with Hugh Rogers, CEO and Director of XPhyto Therapeutics Corp. (CSE: XPHY | OTCQB: XPHYF) about XPhyto's COVID-19 testing program. "Our goal was to develop a test that could produce results in less than 15 minutes, and we are now, in lab, generating results in less than 5 minutes," Hugh said. "We have an enhanced probe system that does not require equipment. Our detection is capable of detecting the virus within the full range of infection – that is, pre-symptomatic, asymptomatic as well as on the tail end of an infection."

Hugh went on to say, "We have drug development platforms and a number of programs. We are more diversified than just a testing company." He added that their "lead program on the transdermal side is a Parkinson's generic called Rotigotine, a slow release patch, and our lead program on the oral dissolvable side is CBD based for epilepsy. It is many times more efficient than an oil-based system. It is faster. It is more predictable."

To watch the complete interview, [click here](#)

**Disclaimer:** XPhyto Therapeutics Corp. is an advertorial member of InvestorIntel Corp.

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# **Sobriety testing for both alcohol and cannabis at the same time, Cultivar Holdings lists on the CSE**

With so much focus this year on the personal use cannabis market it's easy to forget that there are some really unique cannabis companies entering the market. One such company has an artificial intelligence (AI) technology that can be used by law enforcement and companies to detect cannabis (and alcohol) impairment.

Cultivar Holdings Inc.'s (CSE: CULT) vision is to be a global leader in the cannabis space. Their portfolio ranges from the development of cannabis-derived products that are backed by science to artificial intelligence based solutions to detect cannabis impairment. Cultivar is a holding company for 3 globally focused cannabis companies that each provides a unique investment opportunity in their own right.

## **1. Predict MEDiX (AI based solutions)**

Research studies have been unable to consistently correlate levels of marijuana consumption, or THC in a person's body, to accurately detect levels of impairment. Using a measure of THC as evidence of a driver's impairment is not supported by scientific evidence. Predict MEDiX has developed an artificial intelligence powered facial and voice recognition software to identify cannabis and alcohol impairment. THC detection methodology including a breathalyzer cannot work for cannabis impairment, this is where Predict MEDiX AI based facial/voice recognition technology comes into play. A US Congressional report has also indicated that THC has no correlation with impairment and any technology to detect THC in breath or

bodily fluids will not identify impairment. Someone can even take pills and edibles that can't be detected on a breathalyzer. This AI technology goes way beyond driver impairment. Even in global jurisdictions where cannabis is legal, cannabis impairment is a huge concern for workplace safety.

Predict MEDiX has signed a JV agreement with Tech Mahindra (a multibillion dollar technology player ranked among top 15 IT companies globally) to launch the AI technology via their global client base in mining, manufacturing, and the automotive sector.

Cultivar has also signed an agreement with one of the world's largest aluminum players Hindalco. They are part of the parent corporation Aditya Birla group which has annual revenues exceeding US\$44 billion. They want to deploy the AI technology in their mining division and subsequently explore the use of the technology in their other worldwide businesses. Predict MEDiX's first product for workplace impairment is designed for both cannabis and alcohol, and is to be launched by Q2 of 2020. The AI technology will be backed by a study of over 3,500 participants.

**Cultivar Holdings offers exposure to Predict MEDiX AI solutions**



## **2. Dazed Leaf and Vivir Cosmetics (CBD infused products)**

Dazed Leaf is a cannabis nutraceutical company which is reinventing health and wellness teas by offering unique health-focused Cannabidiol (CBD) infused products, which have been scientifically formulated and are free of chemicals and preservatives. Identifying a growing demand in CBD infused products coupled with a growing health and wellness trend in North America. Dazed Leaf seeks to create scientifically proven health and wellness teas infused with CBD to be at the forefront of this new industry. Vivir Cosmetics CBD infused cosmetics has many benefits including reduced inflammation, anti-aging, moisturizing and efficacy in treating skin disorders. Currently they have completed the development of 3 product lines including a face mask, serum and moisturizer. These have been developed using herbal extracts which have shown efficacy for skincare along with CBD.

## **3. Cultivar Jamaica (CBD Cultivation)**

Cultivar Jamaica is working towards becoming a grower, supplier and distributor of CBD oils and when laws permit, THC in Jamaica. The mission is to be a manufacturer and wholesaler of consumable cannabis products including cosmetics, natural health products, pharmaceuticals, veterinary health products,

vaporizer oil and edibles. Cultivar Jamaica has been granted four pre-licences from the Jamaican government. These include Issuance of License to cultivate, process, transport and for retail from the Cannabis Licensing Authority in Jamaica. They are only the 5th company to receive licenses in the spiritual home of pot smoking and cricket.

Cultivar Holdings Inc. offers investors 3 exciting cannabis related businesses for the price of one. Investors can gain diversification across the cannabis sector and into some niche areas. Predict MEDiX AI based solutions is a very interesting new development in the workplace safety area and is set to go global offering investors a unique opportunity at the early stages of the game.

Cultivar Holdings Inc. is headquartered in Toronto, Canada; and is set to list on the CSE today.

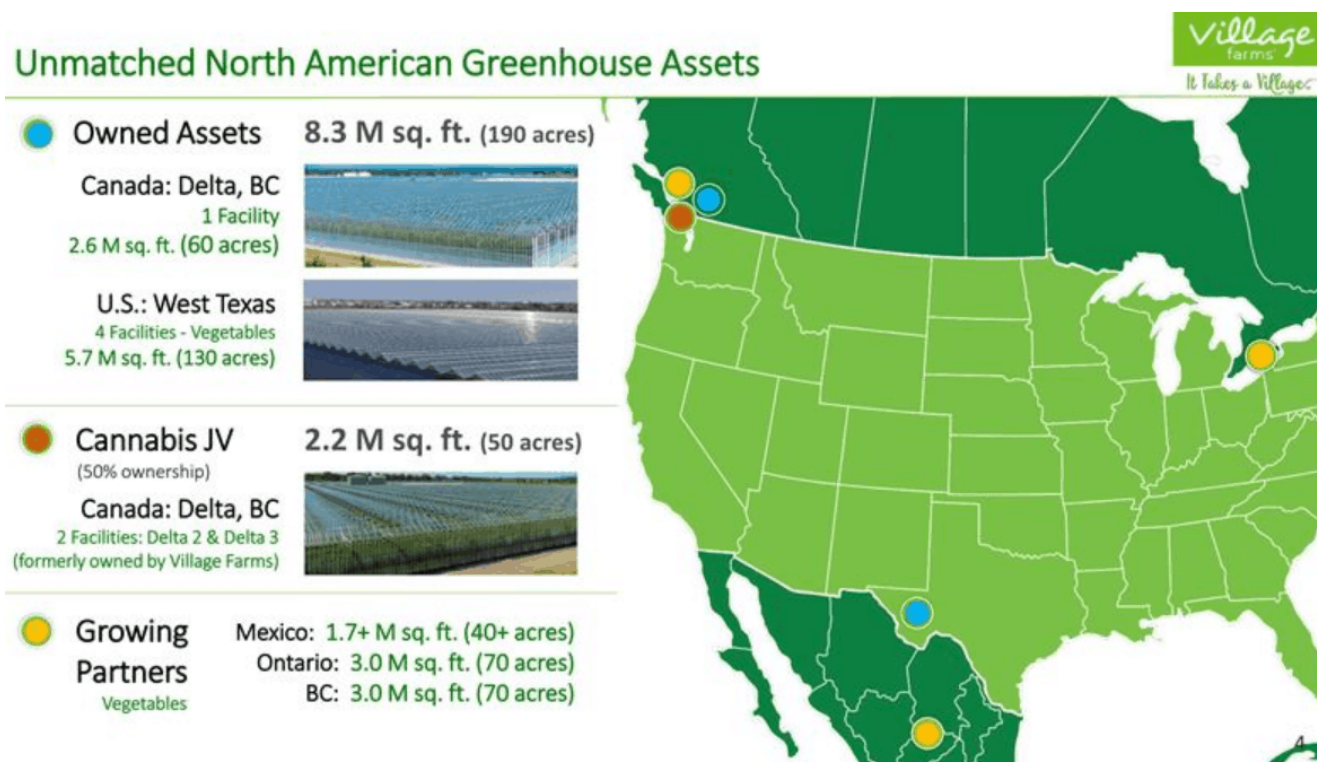
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## **Analysts predict Village Farms' low cost, high-quality cannabis (and soon US hemp) producer may have a 143% upside**

Under the new US federal law hemp is legal, as long as it contains no more than 0.3% tetrahydrocannabinol (THC). Many cannabis supporters believe that hemp legalization is an important first step in legalizing cannabis at a US federal level. Whilst hemp is now federally legal, the US states are still to catch up. The state of Texas looks likely to legalize

hemp (<0.3% THC) before June 16, 2019.

Village Farms International Inc. (TSX: VFF | NASDAQ: VFF) is a leader in high tech, low cost, vertically integrated greenhouse growing. Village Farms has 100% owned greenhouses (Delta BC, West Texas), 50% owned cannabis JV greenhouses (Delta BC), and growing partners (Mexico, Ontario, BC). The various greenhouses grow vegetables as well as legal cannabis, and will soon potentially also grow hemp.



### Village Farms greenhouses

Village Farms has a mission to lead the industry as the premier grower and marketer of branded, premium quality, greenhouse grown fresh produce in North America. Added to this is their goal to be Canada's low cost, high-quality cannabis (and soon US hemp) producer.

### Village Farms making moves with hemp in Texas

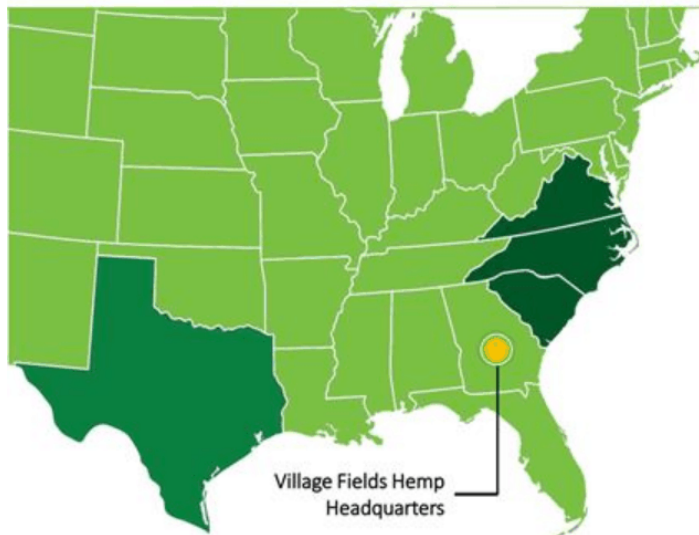
Subject to the June 16, 2019 deadline for the Governor to veto bills, House Bill 1325 (hemp legalization) will become law in Texas. In anticipation, Village Farms has begun the conversion

of half of its 1.3 million square foot, ultra high tech Permian Basin greenhouse for both cultivations of high cannabidiol (CBD) hemp and CBD extraction. Licenses for both processes will be a requirement. The conversion of 635,000 square feet will incorporate all of the systems necessary for year-round hemp cultivation but can, if ready, commence immediate hemp cultivation using existing systems if it was licensed to do so. The Company expects the facility to be ready for production in the third quarter of 2019, with extraction operations also to be added in the existing facility in the same year. The Hemp plant is a very fast growing crop that can produce 250% more fiber than cotton and 600% more fiber than flax within the same land footprint. To be prepared for the passing of the hemp bill in Texas, Village Farms began the design and development of their site specific growing and technical systems following the passing of the federal Farm Bill in December 2018.

## Village Farms sees large scale hemp potential



### Large-Scale Hemp Production Potential



#### Current Outdoor Operations:

##### Village Fields Hemp

3 States: >800 acres

Virginia South Carolina North Carolina  
+ Evaluating opportunities in other locations

#### Greenhouse Conversion Opportunity

Texas: 5.7 M sq. ft. (130 acres)

Monahans: >1.3 M sq. ft. (30 acres)

Marfa (2): >2.5 M sq. ft. (60 acres)

Fort Davis: >1.7 M sq. ft. (40 acres)

Note: Village Fields Hemp is 65% owned by Village Farms, and 35% owned by Nature Crisp.

Michael DeGiglio, CEO Village Farms International said: "With the potential for a hemp bill to be passed in Texas, we took the calculated risk of readying a portion of our Permian Basin

facility, and, as a result, we will be a first mover in the Texas hemp industry.”

During the month of May, Village Farms International, Inc. also announced it has entered into an agreement with Arkansas Valley Hemp to form a joint venture for the outdoor cultivation of high cannabidiol (CBD) hemp and CBD extraction in Colorado. The joint venture, Arkansas Valley Green and Gold Hemp will be 60% owned by Village Farms, 35% owned by AV Hemp, and 5% owned by Village Fields Hemp.

Mr. DeGiglio added: “Village Farms is uniquely positioned for the significant opportunity in hemp-derived CBD. We are moving quickly to scale outdoor cultivation to complement our existing, state-of-the-art greenhouse operations in Texas.”

Village Farms offers investors exposure to cannabis production in Canada, future exposure to cannabis and hemp in the US and globally, as well as an established food produce business.

Financials are solid with net profit forecast to rise 2.5 fold from 2019 to 2020, and a 2020 PE of 26.9. Analyst’s consensus price target is C\$43 (US\$32) representing 143% upside.

Village Farms International Inc. has a market cap of C\$ 871 million and is headquartered in British Columbia, Canada.

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**David Sutton on innovation in the cannabis market and what’s next for NanoSphere**



# Health Sciences

“Listing in Canada gave us enormous exposure as well as helped us identify a partner, a licensed producer, there that could help us expand our exposure to the cannabis market. Canada is on the forefront of doing this on a global basis. It made sense to look to Canada and to Delta 9 as providing that avenue...They are very innovative in how they are growing. They are using new technologies to ensure a better product. They are using these pots. We saw their innovation and our innovation in how to deliver cannabis as a match made in heaven.” States David Sutton, President and Director of NanoSphere Health Sciences Inc. (CSE: NSHS), in an interview with InvestorIntel Corp. CEO Tracy Weslosky.

**Tracy Weslosky:** David we know that InvestorIntel audience members like the jockey. It is a very competitive market out there. You have quite the reputation for actually turning transformed concepts into profitable businesses. You selected NanoSphere. Can you tell us why?

**David Sutton:** Absolutely. This technology has disruptive capabilities in multiple industries. When you have a piece of technology that can do that, the potential for profitability and revenue growth is phenomenal.

**Tracy Weslosky:** David, in addition to selecting NanoSphere as a candidate you want to turn into a profitable business, are there any benefits on listing and being based in Canada? How does this Delta 9 fit into this program?

**David Sutton:** Listing in Canada gave us enormous exposure as well as helped us identify a partner, a licensed producer, there that we could expand our exposure to the cannabis market. Canada is on the forefront of doing this on a global basis. It made sense to look to Canada and to Delta 9 as providing that avenue.

**Tracy Weslosky:** David I obviously do not have my head around Delta 9. Can you tell us a little bit more about this competitive technology?

**David Sutton:** They are very innovative in how they are growing. They are using new technologies to ensure a better product. They are using these pots. We saw their innovation and our innovation in how to deliver cannabis as a match made in heaven.

**Tracy Weslosky:** Speaking of Canada and, of course, North America, you just recently announced that you began production through one of your vertical companies in California. Can you give us some highlights of this deal please?

**David Sutton:** Absolutely. The company is actually called Vertical Companies. Why we selected them to license our technology to is, as the name suggests, they are vertically integrated from grow all the way through distribution, which is key in the California market as they require a third-party distribution to get your products into retail outlets.

**Tracy Weslosky:** You have just moved into Indiana with your NanoSerum Hemp solution. This sounded kind of fun. Can you tell us a little bit more about this?

**David Sutton:** This is our hemp-based CBD product that can now be shipped across state borders. Has a lot of the similar benefits that our other products do, but now we have a wider audience. Not everyone likes to get high every day, but everybody likes to take a dietary supplement or receive the benefits of CBD every day. It is an enormous market that we are launching in the Midwest to start.

**Tracy Weslosky:** The ten story vantage point for NanoSphere really has to do with your patent for the nanoparticle delivery system. I think it is a good time to remind us all about this competitive advantage.

**David Sutton:** Absolutely. We have 2 patents. The first patent revolves around our nano encapsulation technology and how we put that together no matter what we put inside of it. It provides us protection in any industry that we are operating in. Now our cannabis patent that utilizes what we call the master patent provides us wide protection in the cannabis space. It provides better bioavailability, consistent dosages and unique benefits that you cannot find anywhere else...to access the complete interview, [click here](#)

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