



A&L Canada Laboratories

October 2019 Cannabis and Hemp Newsletter



A&L Takes Centre Stage at the 2019 Grow Up Conference

A&L Canada Labs was a major participant at the GROW UP Conference and Expo held in Niagara Falls in September.

In addition to meeting with customers and prospects at their exhibit, A&L experts participated in panel discussions about the emerging cannabis sector.

Following are a few highlights of those #GROWUP19 expert panels.



A&L Canada Labs at the 2019 Grow Up Conference & Expo

Top: Greg Patterson, CEO and Founder of A&L Canada Laboratories; **Left bottom:** Larry Kropf, Director of Marketing, ALink Computer Systems Inc.; **Right middle:** Daryl Patterson, Manager, Panel "Standard Fare: Prioritizing The Role of Quality Control"; **Right Bottom:** Brian Coultts, Strategy & Business Development Manager, Food & Pharma (Moderator); **Also participating** was Kerry Wang, Biological Services Director, Senior Scientist

#GrowUp19: Controlling Diseases and Pests

Industry experts took the stage for a discussion about cultivation strategy as it relates to disease and insect pests. The panel reminded growers that the stakes are high for a pure and safe product since cannabis is directly ingested as smoke, extract or edible concentrate.

As part of the panel, A&L's Biological Division Director Dr. Keri Wang highlighted the importance of plant nutrition with respect to plant disorders." The industry is really limited about what we can apply to our plants, so a healthy plant is the best prevention," said Dr. Wang.

Dr. Wang agreed with the panel that it's important to keep LP's mother rooms as clean as possible. Obtaining disease-free cuttings from the mother plants is very, very important, he said. "If you see any bugs or disease symptoms among the mother plants, your best option is to disinfect the room and start again since subclinical disease can soon blossom into a full-blown infection."

"You need to test to ensure the mother plants are free of disease, adds Dr. Wang. "As long as your mother plants and growth media are clean, then you have very low risk of disease." A&L's Plant Disease Diagnostic and Environmental Monitoring Services can provide the analysis you need to avoid disease and insect challenges in your grow operation.

Access the entire library of analysis we conduct -- visit our Plant Disease Diagnostics (PDD) Website www.pdd.alcanada.com/disease-diagnostics-cannabis

#GROWUP19: Quality Control in Cannabis

Daryl Patterson, Manager at A&L Labs, participated in an industry panel about quality control. A microbiologist by training and a certified crop advisor, Patterson says A&L's mission is to help people grow their plants with optimum plant health and nutrition.

"Health Canada is about to start standardizing when you test for residues," Patterson said. "Pesticides will only be a cultivation test, so you won't have to test for them post-cultivation. After that, nothing else needs to be tested so that's a big change from people not knowing when to test for pesticides. That provides a lot of clarity to the market."

Patterson was asked about his views on irradiating cannabis to rid the dried plant of residues prior to shipment. "With this plant, you're always going to have mold and bacteria in there," Patterson responded. "We believe if you start clean, you're going to end up a lot cleaner. And we're big believers in plant health and soil fertility. The plant's nutrition is huge to make sure you don't end up with the problems that require irradiation."

Patterson also said there's a lot of variability in how LPs grow their crop. For example, "HVAC design and effectiveness are

huge factors on the transmission of molds throughout a grow operation," Patterson added. "There is a lot of variability in the product we see. Some LPs submit product before they sterilize, and that product is still very clean. For others, there are often problems that they need to solve with irradiation. You don't want a lot of moldy cannabis around."

"While A&L Labs can suggest guidelines for a quality analysis program, most LPs have their own QA process, according to Patterson. "It's sometimes difficult for us to know what's coming in the door to sample and analyze because each LP has its own protocol, especially with a lot of misinterpretation of the regulations," he said. As the industry matures and Health Canada regulations continue to evolve, Patterson anticipates that LP's quality assurance processes will align more closely than they do at present."

Use A&L DataWeb for Quick Reporting

Sometimes a day or two can make all the difference when you're seeking answers to problems and challenges in your grow operation. With A&L's DataWeb service, you can obtain results to your submitted sample online in a secure environment.

For information on how to enroll in DataWeb, contact: clientcarecannabis@alcanada.com



Meet Our Team: Brian Coutts



A&L Labs Canada has an expert team dedicated to serving the cannabis industry. And Brian Coutts is the lead hand on that team. A Certified Crop Advisor, Brian has immersed himself in the cannabis industry. “I’m using my knowledge and experience from agriculture and transferring that over to the cannabis sector,” says Coutts. “We’re still growing a plant but this time for medicine.” Working in the sector is an exciting opportunity, Coutts adds. The data and technology going into cannabis is incredible.” Brian is ready to discuss your unique needs about analysis, testing and tracking your cannabis grow operation.

To contact Brian, call: 519-809-0373 or email at: bcoutts@alcanada.com

Upcoming Events

Lift & Co

January 9 – 11, 2020
Vancouver, B.C.



Pacific Agriculture Show –CannaTech

January 31 – February 1, 2020
Abbotsford, B.C.



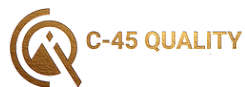
O’Cannabiz Cannabis Conference

April 23-25th, 2020
Toronto, Ontario



C45 Quality Summit

May 12-14, 2020
Fredericton, N.B.



A&L Cannabis and Hemp News



#GrowUp19: ALCannTrace Traceability Software

Larry Kropf, Director of Marketing for ALink Computer Systems Inc., a subsidiary of A&L Labs, demonstrated the company's ALCannTrace software program at the recent Grow Up Conference in Niagara Falls this September

www.alcantrace.com/post/alcantrace-software-at-the-grow-up-conference-2019

A&L Named Lead Lab for Shoppers Drug Mart and TruTrace Cannabis Verification Pilot Program

A & L Canada Laboratories Inc, a leader in analytical services and technologies, and TruTrace Technologies Inc., creator of the first fully-integrated blockchain platform that registers and tracks intellectual property for the cannabis industry, announced today that A&L will be one of the inaugural testing facilities in the Shoppers Drug Mart and TruTrace Technologies medical cannabis verification pilot program

www.alcanada.com/content/eservices/news/2019/07-08/35/index



A&L Voted Best Testing Facility

A&L Canada Laboratories was presented the award for the Best Testing Facility at the 2019 O'Cannabiz Awards Gala -- a national annual event, honouring cannabis professionals and companies, recognizing excellence and innovation in the industry

www.alcanada.com/content/eservices/news/2019/04-26/31/index

Speed Your Sample to A&L with Pineapple Express

Pineapple Express Delivery has expanded their offerings to include all legs of the cannabis supply-chain journey and are now delivering cannabis testing runs to A&L Labs

www.pineappleexpressdelivery.com



Choose A&L Canada Labs For Comprehensive Cannabis Testing

Think of A&L Canada Labs as your one-stop shop for cannabis testing and analysis. Registered by Health Canada as a cannabis testing lab, A&L is also certified ISO 17025 and GLP. The company is a CFIA Level 2 food testing lab as well. A&L provides the following tests and analyses for the cannabis industry:

- Soil/Media Analysis
- Plant Tissue Analysis
- Water/Solution Analysis
- Root, Soil and Leaf Disease Diagnostics
- Finished Product Analysis
- Soil/Organic Amendment Analysis
- Plant Genetic Analysis/Sex Testing
- Cannabis 2.0 Edible and Beverage Testing

For complete details on A&L testing and analysis for cannabis, go to:

www.ALCanada.com/CannabisTesting

