

Braingrid Ltd.

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Braingrid says its analytics technology can boost cannabis yields and reduce costs

Braingrid Ltd (CSE:BGRD), the agritech group, has lauded the potential of its analytics technology in assessing fertigation rates for cannabis producers.

In simple terms, fertigation is the act of injecting fertilizers or other water-soluble products into a facility's irrigation system.

READ: Braingrid keen to be a global player as its focus shifts to cultivation analytics in precision agriculture

The Toronto-listed company has developed a sensor platform called 'Sentroller' so that customers, predominately using greenhouses, can remotely monitor their crops, be it cannabis or other precision crops like fruit and vegetables, around the clock.

Its recently launched 'Data Intelligence Program' collects cultivation data from cannabis growers and other producers to alter and optimize growth conditions.

Braingrid noted in a statement on Tuesday, that results in a peer-reviewed journal at an Ontario cannabis production facility showed that optimizing fertigation could increase yields by up to 110%.

"Research shows that many cannabis producers appear to have little peer-reviewed data on optimal fertigation rates. Given that optimal fertigation is the foundation for optimal yield, there's a gap in knowledge where Braingrid's solutions provide significant insight into fertigation performance," CEO Michael Kadonoff said.

"With our Data Intelligence Program, growers are provided with the knowledge they need to adapt their growing conditions before a problem arises, saving not only the significant costs associated with crop failure, but also optimizing yields and revenue growth."

Payback

The firm noted that with payback in as little as a producer's third harvest, increased yield and cost savings could amount to as much as C\$150,000 over eight growth cycles for growers adopting Braingrid's technology in a 20,000 square-foot facility.

That's based on 3,000 flowering plants at a profit of C\$1.00 per gram, but those results may vary depending upon existing level of fertigation, cannabis strain, grow conditions, crop management and other factors, noted Braingrid.

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1 Year Share Price Graph



June 2019 September 2019 February 2020

Share Information

Code: BGRD
Listing: CSE
Sector: Software & services
Website: braingrid.io

Company Synopsis:

Braingrid is a Toronto based global technology company that provides an affordable, versatile and quick-to-install sensor platform for cannabis cultivators. Braingrid captures real-time data needed to increase revenues, reduce costs and risks, and connects cultivators to their grow on a microclimate level.

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