



NASDAQ:XON

CSE:NGW

OTCQB:NXGWF

NEWS RELEASE

Next Green Wave Signs Licensing Agreement with Global Biotech Leader Intrexon

Companies to apply Intrexon's proprietary Botticelli™ platform toward rapid and sustainable cannabis plantlet production

Coalinga, CA and Davis, CA, January 15, 2019 – Next Green Wave Holdings Inc. (CSE:NGW) (OTCQB:NXGWF) ("Next Green Wave") and [Intrexon Corporation](#) (NASDAQ: XON) ("Intrexon") are pleased to announce they have entered into a strategic licensing agreement to utilize Intrexon's Botticelli™ next generation plant propagation platform to enable rapid production of Next Green Wave's proprietary cannabis cultivars for the California market. The collaborative work conducted at Next Green Wave's facilities will also accelerate its vision of becoming a world-class nursery.

The collaboration between the companies will be two-staged:

1. An optimization phase in which Intrexon will calibrate Intrexon's Botticelli™ technology to Next Green Wave's specific cannabis cultivars and;
2. A production phase in which Next Green Wave may utilize the technology in: (i) the production of cannabis plantlets for its downstream products and (ii) the sale of plantlets to third party producers in California. Intrexon will be entitled to royalties on Next Green Wave's own plantlet usage and the parties will share equally the revenues from third party sales.

Intrexon's Botticelli™ platform is an advanced tissue culture technology designed to enable efficient propagation of plants while maintaining genetic purity and product performance. When applied to cannabis, Botticelli™ offers potential for a sustainable, scalable, and more economical solution than conventional clones. In the U.S. market, legal cannabis revenue is projected to exceed \$23 billion by 2022, with California representing around a third of that market. Current cannabis cultivation is predominantly dependent on clonal propagation, which creates barriers to meeting product demand and is not sustainable due to risk of disease susceptibility.

"We believe Intrexon's next-gen tissue culture approach will enable high volume propagation of cannabis varieties, ensuring product integrity and consistent performance to offer to our customers," commented Mike Jennings, Chief Operations Officer and Head of Research and Innovation of Next Green Wave. "As the cannabis industry continues to mature, we will continue to bring cutting edge partnerships into our Company to ensure we are pushing the innovation envelope amongst our peers. In my many years as a breeder and grower, I have not seen advances with as much potential to be disruptive to plantlet production as the Botticelli™ technology and am looking forward to realizing its potential in collaboration with the talented Intrexon team."

"We are pleased to be working with Next Green Wave, a leading cannabis provider with over 20 years' experience in the industry, as our first partner in the cannabis field employing our cutting-edge Botticelli™ plant propagation

platform to help meet the growing demand for high quality cannabis products for California consumers,” said Sekhar Boddupalli, PhD, President of Intrexon’s Ag Biotech Division. “Mike’s award-winning achievements in advancing the cannabis industry and his position at the helm of company with some of the most respected breeders and growers in the field make Next Green Wave an ideal collaborator on this program. Their focus on state-of-the art cultivation to provide premium products at low cost is well matched with Intrexon’s approach to sustainable plant production.”

Next Green Wave initially will deploy the Botticelli™ platform within its Coalinga facility for the California market and will be responsible for maintaining appropriate licensure at the facility.

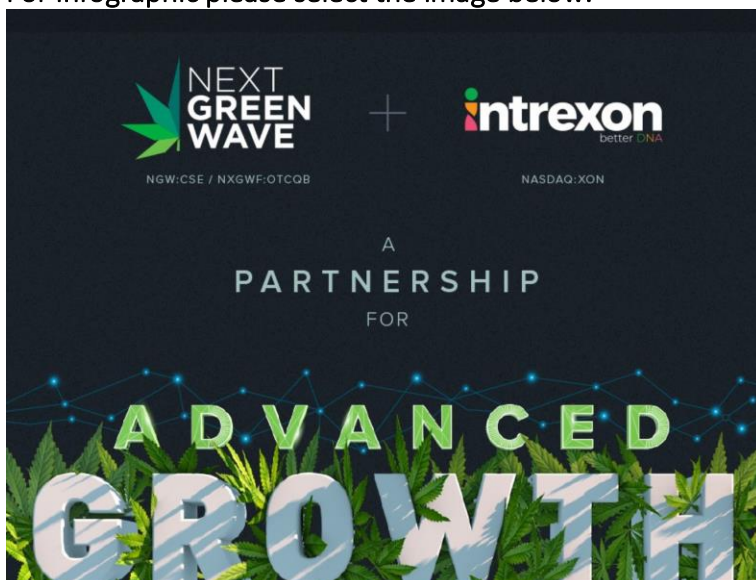
On behalf of the Board,

Leigh Hughes
CEO and Executive Chairman, Next Green Wave Holdings Inc.

For the full video interview please select the image below:



For Infographic please select the image below:



About Next Green Wave

Next Green Wave is a vertically integrated seed-to-consumer premium medicinal and recreational cannabis company operating in California, the world's largest cannabis market. Led by award-winning cannabis industry veteran, Michael Jennings, who is an industry innovator specializing in developing premium cannabis seeds and plants and known throughout the cannabis culture in the state. Next Green Wave's central operations are in Coalinga which is centered between two major markets of San Francisco and Los Angeles and has been awarded permits for nursery, cultivation, extraction, and distribution. The Company has acquired over 15 acres of cannabis-zoned development land and has nearly completed the construction of its first facility cannabis-zoned development land and has nearly completed the construction of its first facility. Next Green Wave is fully funded having raised over CAD \$21M, to bring the company into revenue in 2019. To find out more visit us at www.nextgreenwave.com or follow us on Twitter at [@nextgreenwave](https://twitter.com/nextgreenwave), on [Instagram](https://www.instagram.com/nextgreenwave), and [LinkedIn](https://www.linkedin.com/company/nextgreenwave).

About Intrexon Corporation

Intrexon Corporation (NASDAQ: XON) is Powering the Bioindustrial Revolution with Better DNA™ to create biologically-based products that improve the quality of life and the health of the planet. Intrexon's integrated technology suite provides its partners across diverse markets with industrial-scale design and development of complex biological systems delivering unprecedented control, quality, function, and performance of living cells. We call our synthetic biology approach Better DNA®, and we invite you to discover more at www.dna.com or follow us on Twitter at [@Intrexon](https://twitter.com/Intrexon), on [Facebook](https://www.facebook.com/Intrexon), and [LinkedIn](https://www.linkedin.com/company/intrexon).

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Intrexon, Botticelli, Powering the Bioindustrial Revolution with Better DNA, and Better DNA are trademarks of Intrexon and/or its affiliates. Other names may be trademarks of their respective owners.

Next Green Wave Forward Looking Statements

This press release contains forward-looking statements within the meaning of applicable securities laws. All statements that are not historical facts, including without limitation, statements regarding future estimates, plans, programs, forecasts, projections, objectives, assumptions, expectations or beliefs of future performance, are "forward-looking statements." Forward-looking statements can be identified by the use of words such as "plans", "expects" or "does not expect", "is expected", "estimates", "intends", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or statements that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved. Such forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause actual results, events or developments to be materially different from any future results, events or developments expressed or implied by such forward looking statements. Such risks and uncertainties include, among others, the risk factors included in the preliminary prospectus, including without limitation dependence on obtaining and maintaining regulatory approvals, including acquiring and renewing state, local or other licenses and any inability to obtain all necessary governmental approvals licenses and permits to complete construction of its proposed facilities in a timely manner; engaging in activities which currently are illegal under US federal law and the uncertainty of existing protection from U.S. federal or other prosecution; regulatory or political change such as changes in applicable laws and regulations, including U.S. state-law legalization, particularly in California, due to inconsistent public opinion, perception of the medical-use and adult-use marijuana industry, bureaucratic delays or inefficiencies or any other reasons; any other factors or developments which may hinder market growth; NGW's limited operating history and lack of historical profits; reliance on management; NGW's requirements for additional financing, and the effect of capital market conditions and other factors on capital availability; competition, including from more established or better financed competitors; and the need to secure and maintain corporate alliances and partnerships, including with customers and suppliers. Readers are encouraged to review the section titled "Risk Factors" in NGW's preliminary prospectus. These factors should be considered carefully, and readers are cautioned not to place undue reliance on such forward-looking statements. Although NGW has attempted to identify important risk factors that

could cause actual actions, events or results to differ materially from those described in forward-looking statements, there may be other risk factors that cause actions, events or results to differ from those anticipated, estimated or intended. There can be no assurance that forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in forward-looking statements. NGW no obligation to update any forward-looking statement, even if new information becomes available as a result of future events, new information or for any other reason except as required by law.

Intrexon Safe Harbor Statement

Some of the statements made in this press release are forward-looking statements. These forward-looking statements are based upon our current expectations and projections about future events and generally relate to our plans, objectives and expectations for the development of our business. Although management believes that the plans and objectives reflected in or suggested by these forward-looking statements are reasonable, all forward-looking statements involve risks and uncertainties and actual future results may be materially different from the plans, objectives and expectations expressed in this press release.

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