



ROTOGRO

ASX Release

15 December 2020

## RotoGro Introduces the Model 710 Rotational Garden System and Supporting Automated Technology

Roto-Gro International Limited (“ASX:RGI”, “RotoGro” or the “Company”) is pleased to introduce the RotoGro Model 710 Rotational Garden System (the “Model 710”) and supporting automated technology.

### Key Highlights:

- The Model 710 is RotoGro’s latest **state-of-the-art** Rotational Garden System which the Company presents as another facet of its technology arsenal
- The cultivation process for the Model 710 is **completely automated**, minimizing human intervention
- The Model 710 features a **proprietary direct-injection feeding system** which enables cultivators to precisely feed each tray of plants with a customized blend of nutrients and water
- **Verity Greens** (who the company announced the recent \$10M purchase order), are looking to rollout the 710 Rotational Garden Systems in 2021

### Rotational Garden Systems

RotoGro specialises in designing and manufacturing state-of-the-art agricultural cultivation technology for the indoor vertical farming market. RotoGro’s proprietary technology consists of revolutionary, patented and patent-pending Rotational Garden Systems which cultivate high-quality crops in less space and with less operating costs compared to other indoor vertical farming technologies. Since its inception, RotoGro has strived to provide its technology to both perishable food (produce) and lawful cannabis commercial cultivators to optimise the cultivation of their crops. During the time the Company was producing and selling its Model 420 Rotational Garden System (the “Model 420”) to cultivation facilities around the world (with in excess of AUD6M in sales and confirmed orders), it continued to innovate, design and modify its technology to solidify its position as an industry leader in the indoor vertical farming technology space.

### Introducing the Model 710 Rotational Garden System

The Model 710 is RotoGro’s latest state-of-the-art Rotational Garden System which the Company presents as another facet of its technology arsenal. Over the past 18 months, RotoGro has been innovating, designing and modifying the Model 710 for the optimisation of high-quality commercial crops. This new Rotational

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Matthew O’Kane (Non-Executive Director)  
Terry Gardiner (Non-Executive Director)

#### Chief Financial Officer

Melanie Leydin

#### Company Secretary

Melanie Leydin





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Garden System is 2.43m in width, 2.56m in length, and 2.83m in height, and may be stacked up to three-high. Each Model 710 has a footprint of 6.22m<sup>2</sup> with a surface growing area of 16.25m<sup>2</sup> in 96 separate growing trays held in place by RotoGro's proprietary designed extrusions. When stacked three-high, cultivators will have 48.75m<sup>2</sup> of surface growing area for every 6.22<sup>2</sup> of floorspace. The Model 710 features a proprietary direct-injection feeding system which enables cultivators to precisely feed each tray of plants with a customized blend of nutrients and water. In addition, plants may be cultivated in either soil or synthetic hydroponic mediums in the Model 710, providing important flexibility to growers.



Photo 1: RotoGro Model 710 Rotational Garden System complete with Leaf Green Varieties

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The cultivation process for the Model 710 is completely automated, minimizing human intervention thereby effectively eliminating the human introduction of harmful pests or pathogens to the cultivation environment. The supporting automated technology for the Model 710 consists of RotoGro-designed elevator systems, motorised actuators, RotoGro’s plant nutrient management system (utilizing RotoGro’s proprietary fertigation system), and automated guided vehicles (“AGVs”). The entire operation is controlled by RotoGro’s Enterprise Edition iGrow® Software System.



Illustration 1: RotoGro Model 710 Rotational Garden System stacked three units high

The Model 710 has been created for use in indoor vertical farming facilities globally for the cultivation of high-quality crops in substantially less space and at significantly less operating costs compared to other indoor vertical farming technologies. RotoGro is confident that the Model 710 and its supporting automated technology will revolutionise agricultural cultivation. As announced on December 10, 2020, the Company has filed three Provisional Patent Applications in the United States of America for the Model 710. Of further

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significance, Verity Greens Inc. (“**Verity**”) has contracted with the Company to outfit its prospective state-of-the-art perishable (produce) cultivation facilities with the Model 710 and its supporting, automated technology, providing Verity with the technology to establish itself as a leading cultivator in the indoor vertical farming marketplace.

RotoGro’s Non-Executive Chairman, Michael Carli states, “In my opinion, the Model 710 will be an absolute game-changer in our industry. RotoGro’s design, innovation and research teams must be commended for their ground-breaking work on the latest additions to RotoGro’s roster of proprietary technology. The development of our newest, state-of-the-art Rotational Garden System (and its supporting technology) demonstrates our commitment to innovation and is consistent with the Company’s objective to establish itself as the world’s preeminent agricultural technology producer. Indeed, these are very exciting times for RotoGro.”

--ENDS--

This announcement is authorised for release to the market by the Board of Directors of Roto-Gro International Limited.

## For more information please contact:

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### About Roto-Gro International Limited

Roto-Gro International Limited (“**RotoGro**”) is an Australian company which utilises its state-of-the-art, automated agricultural cultivation technology to provide sustainable and cost-effective solutions to both conventional and indoor vertical farms. The Company’s global operations are focused on the cultivation of perishable food (produce) and lawful cannabis utilising its proprietary, patented, and patents-pending technology in the indoor vertical farming space.

The core of RotoGro’s technology is its patented Rotational Garden Systems which provides for greater space savings and yields with lower operating costs compared to other farms utilising different technologies. RotoGro’s

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Rotational Garden Systems are supported by the Company's proprietary iGrow Enterprise Edition software, state-of-the-art nutrient management system and in-house design and engineering services.

RotoGro's in-house engineering teams provide consultative services for full facility designs to produce state-of-the-art facilities equipped with RotoGro's technology. Similarly, RotoGro's research and design teams work with its existing customers to ensure their long-term success cultivating high-quality crops.

RotoGro has formalised a collaboration with Verity Greens Inc. for the cultivation of perishable foods (produce). This venture is reliant upon RotoGro's technology to produce greater yields with lower operating costs. In addition, RotoGro continues to nurture relationships for technology sales and growing management services in the lawful cannabis cultivation space, globally.

RotoGro maintains its focus on expansion into industry synergistic opportunities and exploring strategic partnerships in the perishable food (produce) space and the lawful cannabis space, while sourcing lawful cannabis cultivation license ownership opportunities, engaging in growing management services contracts, and providing the agricultural industry with industry-leading nutrient management systems and supporting, automated technology.

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