



ROTOGRO
INTERNATIONAL LIMITED

REDEFINING THE FUTURE OF AGRICULTURE

Annual General Meeting: February 28, 2019

ROTOGRO FARMS



Revolutionising the world in urban farming of perishable foods (produce) and lawful cannabis, driven by patented and proprietary agricultural technology producing greater yields with lower operating costs.

WHAT WE DO



Cultivation of Produce

RotoGro has investment and joint venture partnerships for produce leveraging RotoGro's patented rotational hydroponic garden systems, crop management fertigation hardware and proprietary software systems to produce greater yields and lower operating costs.



Cultivation of Lawful Cannabis

The Company has entered into an agreement to acquire a Health Canada approved Dealer's License which provides for Standard Processing, Analytical Testing, Research, Production, Sale and Distribution of lawful cannabis products under Canadian Cannabis Regulations.

PRODUCE OPPORTUNITY



Market size for **Global Produce**

According to a Market & Market report, the perishable food (produce) market was worth \$280 billion dollars in 2017 and is expected to grow by an average of 7.1% up to 2022, when it is expected to reach \$295 billion.¹

Rainer Münch, partner at Oliver Wyman, (author of the Fruit Trend Report) states increasing fruit and vegetable consumption is driven by an increasingly widespread middle class in: China, Africa, and the Middle East. The report goes on to discuss the impact of new technologies changing the landscape of supply chains globally².

1: <https://www.marketsandmarkets.com/>

2: <https://www.oliverwyman.com>

FRESHERO PTY LTD



Technology Joint Venture with Royalty

RotoGro has entered into a Heads of Agreement with Freshero Pty Ltd pertaining to a joint venture involving the supply and licensing of RGI Systems and the ongoing fees and royalties payable for the services provided by RGI.

Freshero is an aspiring organic fresh produce grower with long standing relationships across the wholesale, retail and food service space in Australasia and Southeast Asia. Led by its CEO, Mr. Tony Mahoney, Freshero is in the process of establishing urban farming growing facilities and distribution centres for fresh organic produce grown in close proximity to large urban centres.

Leafy greens trials support the opportunity to move to commercialisation with trials for fruiting produce to commence in Q1, 2019.

GIBIO INC.



Investment Interest & Manufacturing Agreement

RotoGro has subscribed for 9% of the share capital in organic perishable foods grower, Gibio Inc. and entered into a binding letter of intent for a 20-year exclusive, manufacturing, technology and service contract for all rotational garden systems.

Gibio are develop environmentally responsible urban farms defying traditional growing seasons to enable sustainable, socially responsible and traceable organic produce all year round grown with maximum efficiency, minimal water and without pesticides.

Gibio will commence construction of its first 80,000 square foot flagship facility in Q2 2019, with aspirations of a further 10 facilities over 5 years utilising RotoGro's new 8' Fully Organic Rotational Hydroponic Gardens.

CANNABIS OPPORTUNITY



Market size for **Global Lawful Cannabis**

The global lawful cannabis market is expected to reach \$146 billion by end of 2025. Growing adoption of marijuana in several medical applications such as cancer, mental disorders and chronic pain provides for a base market.

When combined with increasing legalisation of recreational consumption across the world the industry will see exponential growth as each new market opens legislation for recreational cannabis propelling revenue growth from medicinal to recreational consumption.

1: <https://www.grandviewresearch.com>

LAWFUL CANNABIS LICENSE



Acquisition of Supra THC Services Inc.

RotoGro to acquire all of the issued and outstanding shares in the capital stock of Supra THC Services Inc. which holds a Health Canada issued Dealers Licence.

RotoGro will convert the Dealer's Licence under the new Cannabis Act to permit additional processing and cultivation methods at a new 44,000 sqft cultivation facility located near RotoGro's existing Research, Development and manufacturing facility in Caledon, Ontario Canada.

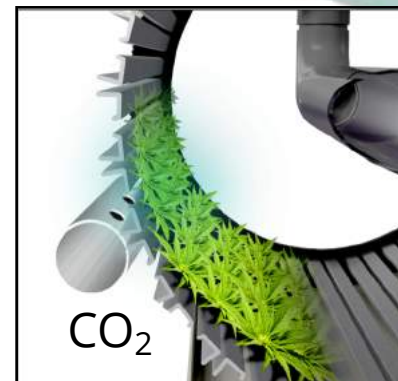
The Company have employed senior executives and engaged Cannabis Compliance Inc. to advise on regulatory matters and converting the Dealers' Licence to a Standard Processing License and adding Cultivation to the Facility.

The Company is hopeful of first cultivation in 2019.

COMPETITIVE ADVANTAGE



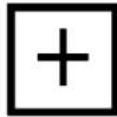
- Three (3) times the growing footprint compared to Flat Deck Growing
- All plants receive equal access to light and nutrients providing consistent quality yields.
- The combination of gravitropism and RotoGro's proprietary CO2 delivery system increases yields by a further 30 - 35%.



YIELD ADVANTAGES

SPACE SAVING & ENERGY EFFICIENCY

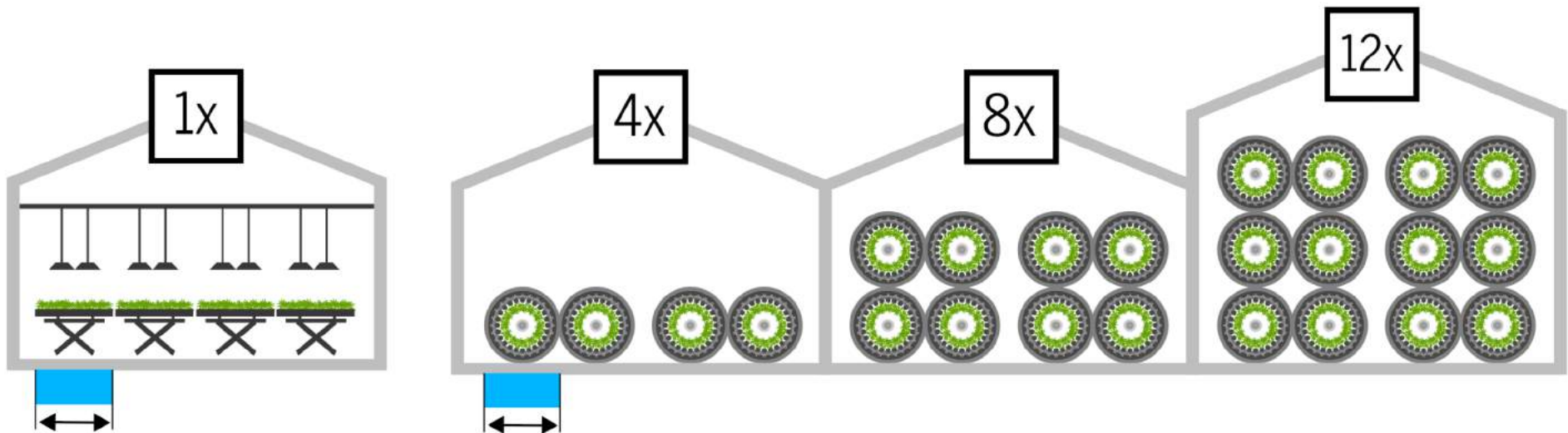
- **3X** THE GROW AREA
- **6X** FOR A 2 STACK
- **9X** FOR A 3 STACK



30-35% Yield Increase
from Gravitropism and
Proprietary CO₂ Delivery



- **4X** THE GROW AREA
- **8X** FOR A 2 STACK
- **12X** FOR A 3 STACK
- **ENERGY MANAGEMENT & LESS POWER**

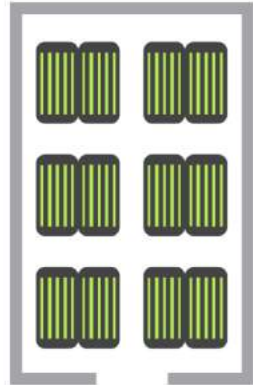


ANNUAL YIELD COMPARISON

ROTOGRO®



1 RotoGro® unit
= 7 lb in 60 days



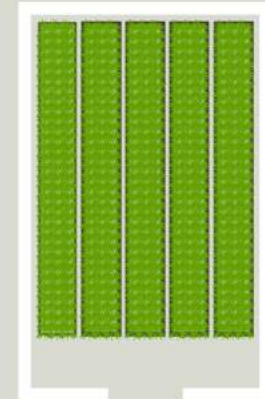
1 room of 24 units
= 168 lb in 60 days



A 10 room facility
= 1680 lb in 60 days

10,080 lb (4,570 kg) per year
based on 6 harvests a year for one
facility of 10 rooms (240 Units).

Return on the initial investment for a
Cannabis facility is **paid back within the
first 60 day grow cycle.**



FLAT DECK

1 Room = 76 Lbs in 115 Days
10 rooms = 760 Lbs
Only 3 harvests per year

**2,300 Lbs per year.
(1,040KGs)**

AGRICULTURAL SERVICES



Facility Design & Setup

The company's holistic approach to integrating design and growing expertise enables RotoGro to engage prospective clients early in their application and design phase to mitigate the risk of rework and unnecessary expenditure. Build-out designs and installation specifications are transferable across jurisdictions and global locations.



iGrow® Software

The company's proprietary in-house iGrow® software provides dynamic, real time analysis of each grow room's environment and nutrient management delivery. Alerts allow operators to immediately identify areas of attention to ensure crops are not impeded during their lifecycle. Our global control room enables ease of troubleshooting and support.

AGRICULTURAL SERVICES



GLOBAL FERTIGATION SOLUTIONS

Managing the injection of fertilizers, soil amendments, and other water-soluble products into an irrigation system. The GFS fully-automated nutrient delivery system purifies source water and adds specified recipes of nutrients to maximise yields and optimise cost efficiencies across all forms of agriculture from field crops to indoor hydroponics.



NUTRIENT LIFECYCLE PLANNING

White labelling industry leading brands enables us to provide our clients with template recipes and formulas to maximise yield and product quality. We continue testing and researching bespoke formulas for our perishable food and cannabis crops to provide economies of scale whilst integrating technology and science to the art of growing.

OUR BUSINESS MODEL

PROVIDING SOLUTIONS FROM CONCEPT TO HARVEST



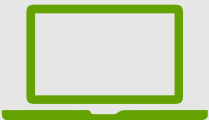
Revenue from cultivation of perishable food joint ventures and wholly owned lawful cannabis facilities leveraging our competitive advantage



RotoGro's competitive advantage provides greater yields and lower operating costs while saving space and energy



World class facility design and engineering providing operational efficiencies and consistency of product quality



Proprietary automated iGrow® software monitors all aspects of the growing environment and nutrient recipes in real time

BUSINESS REVENUE DRIVERS

REVENUE FROM LAWFUL CANNABIS

- Anticipated production of 10,000-15,000kg p.a from proposed 44,000 sqft facility

REVENUE FROM PERISHABLE FOODS (PRODUCE)

- Gibio Inc. investment and 20 year manufacturing, technology & service contract
- HoA with Freshero Pty. Ltd. for technology, licensing and royalties

REVENUE FROM SALE OF CULTIVATION SOLUTIONS

- Technology & equipment sales to the global Lawful Cannabis market
- Technology & equipment sales to the global Perishable Foods (produce) market

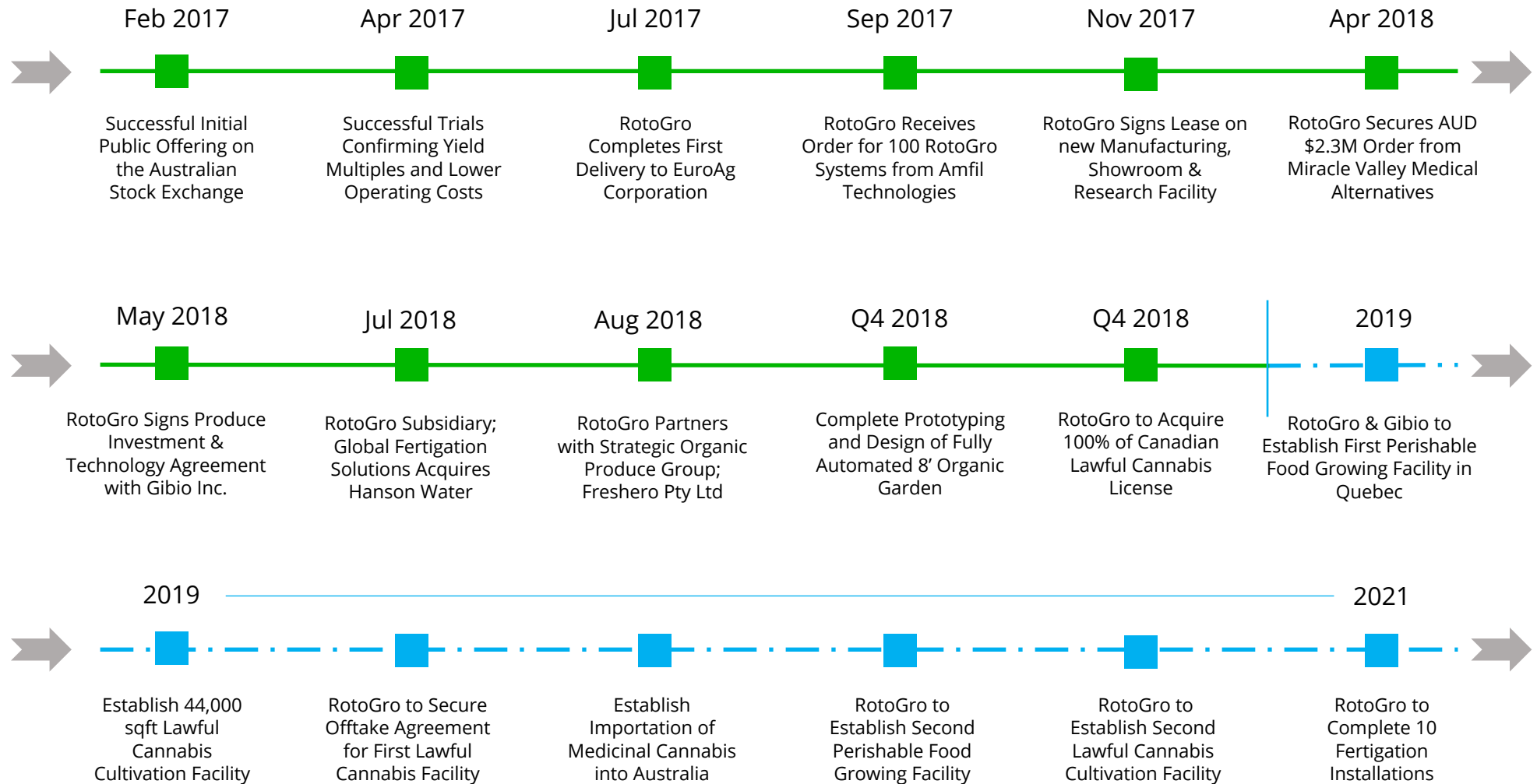
REVENUE FROM THE SALE OF FERTIGATION SYSTEMS AND NUTRIENTS

- Supply of fertigation systems globally across all agricultural applications
- Nutrient supply and lifecycle management planning

PATENTS & PATENT APPLICATIONS

TITLE		APPLICATION NO	FILING DATE	STATUS
Rotary Growing Apparatus (Plant)	US	10/375,681	Feb 28, 2003	Patent Granted January 11, 2005; valid and enforceable to February 28, 2023 . Patent Number: US 6,840,007 B2
Growing Tray & Cap for Rotating Hydroponic Gardening	US	14/287,666	May 27, 2014	In examination : Response to examiner's report filed. Awaiting further examiner's report or allowance.
Stackable Modular Rotatable Gardening System	US	14/883,156	Oct 14, 2015	In examination : Response to examiner's report filed. Awaiting further examiner's report or allowance.
Growing Tray and Cap for Rotating Hydroponic Gardening	Patent Co-Op treaty	PCT /CA2015 /050478	May 26, 2015 Priority Filing : May 27/14	Pending : Published : International Search Report and Written Opinion issued. Final stage to enter national phase in Canada.
Stackable Modular Rotatable Gardening System	Australia	2,908,184	Oct 13 ,2015	Pending : October 13, 2017 – 2nd anniversary maintenance paid. October 13, 2020 – deadline to request examination.
Stackable Modular Rotatable Gardening System	Australia	2015243012	Oct 14, 2015	Pending – awaiting examination October 14, 2019 – annuity payment made.
Stackable Modular Rotatable Gardening System	Europe	15189807.9	Oct 14, 2015	ending – awaiting examination April 30, 2018 – annuity payment made.

IMPLEMENTATION TIMELINE





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