

TSXV: MGRO
OTCQB: MGROF
FRA: 0C0



***Providing Natural, Plant-Based
Biologics for Sustainable Agriculture***

Corporate Presentation
May 2023



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Providing a Sustainable Agriculture Solution

What will replace banned/restricted synthetic chemicals and fertilizers to grow food for the world?

KEY CHALLENGES:

Food security issues – rapid population growth and finite amount of arable land

Consumer demand for safe, healthy, sustainable food supply

Increasing regulatory pressure on synthetics

Producers' need for effective alternatives to maximize yield

Global soil health degradation

MustGrow is an agriculture biotechnology company focused on the development and commercialization of natural biological technologies and products from mustard seed for sustainable agriculture.

MustGrow's objective is to provide natural, organic biological solutions:

- *To replace banned/restricted synthetic chemicals and fertilizers*
- *For organic acres, which are growing annual and have limited options*
- *To improve overall soil health globally*



MustGrow – Unique Investment in Agriculture

- Unique, 100% owned IP portfolio (84 issued & pending) with technology that is natural, organic and effective.
- Technology has potential for multiple product lines in multiple markets:
 - Preplant Soil Amendment & Biofertility – estimating US\$15 billion market by 2030.
 - Preplant Soil Biocontrol – estimating US\$17 billion market by 2030.
 - Postharvest Biocontrol & Food Preservation – estimating US\$1.5 billion in potatoes & F&V.
- With successful field trials, focus is quickly transitioning to commercialization of TerraSante™ (preplant soil amendment) and TerraMG™ (preplant soil biocontrol).
 - Actively seeking registrations in US, Canada and Mexico with potential revenue in the next 12 months.
- Currently defining initial production → potential for minimal CAPEX.



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Tight Capital Structure



- 49.7 million basic shares (55.6 million FD)
- 20% insider and advisor ownership
- ~C\$120 million market cap
- ~C\$5.6 million cash

Addressing Key Challenges in the Agriculture Market



What will be required to replace banned/restricted synthetic chemicals and fertilizers? → Natural Biologics

MustGrow's Technology is / has...



Effective – biological soil health, fertility, disease and pest control comparable to synthetic ag fertilizers and chemicals



Positive Soil Health – natural organic breakdown allows for positive soil microbiome growth



Flexible – can be used in a variety of existing application systems and for numerous crops



Low Environmental Impact – low water solubility potentially limiting watershed runoff



Safe – non-hazardous, minimal worker safety, bystander or environmental concerns



Efficient – compared to cover cropping or mustard meals



Organic – eligible for use in organic production

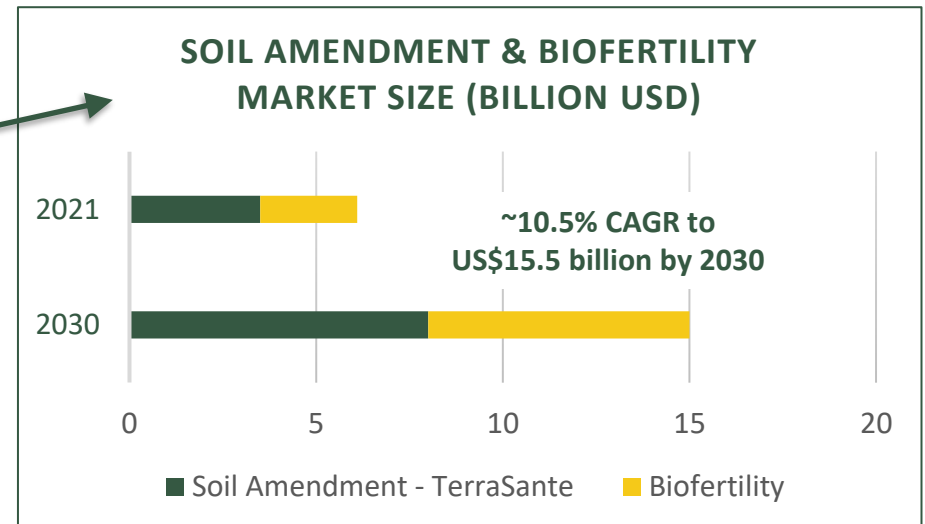
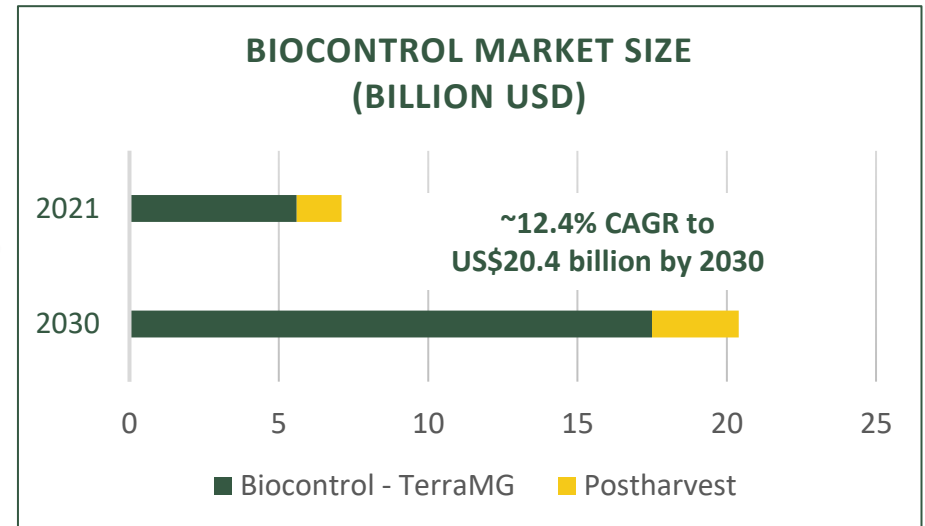
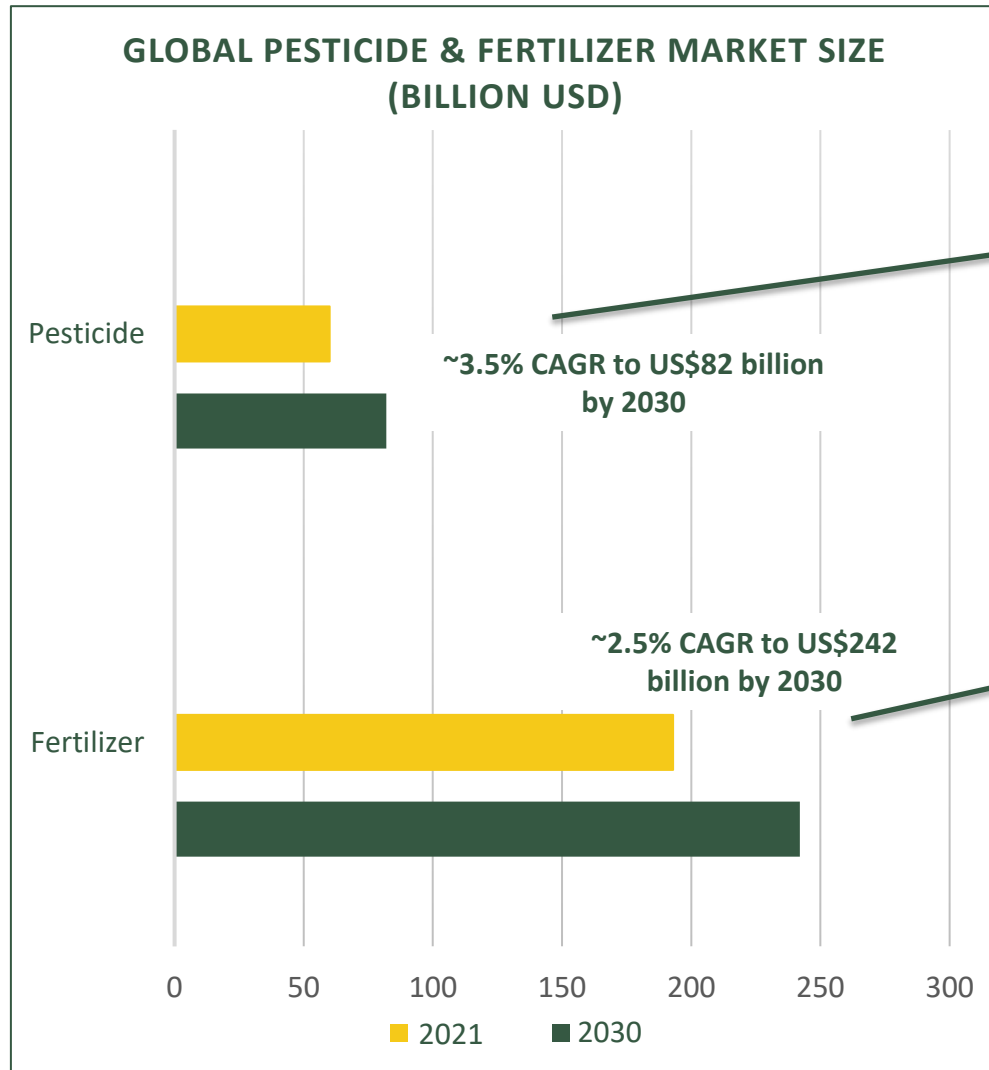


Economical – potential to be priced competitively with conventional alternatives



*MustGrow is providing a natural, organic technology platform in many markets: **Soil Amendments & Biofertilizers, Soil Biocontrol, and Postharvest Food Preservation.***

MustGrow's Target Markets – Estimating US\$36 Billion by 2030



Global Collaborations Validate MustGrow's Potential

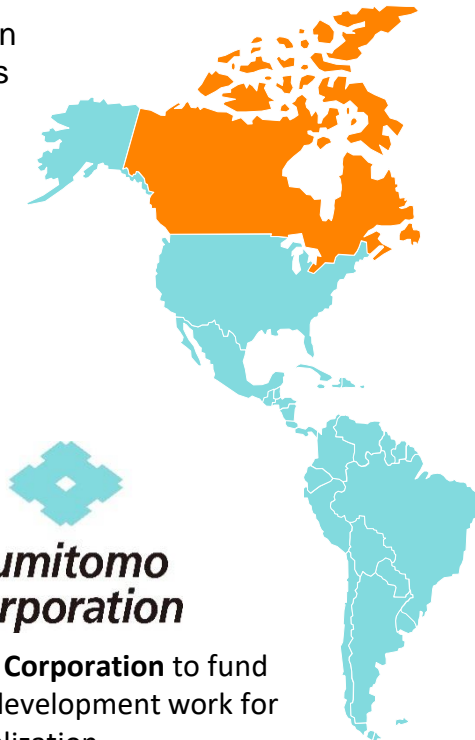
NexusBioAg

 **UnivarSolutions**

Field trials conducted in
canola and pulse crops

Region: **Canada**

Exclusive Canadian
marketing and
distribution agreement
for canola and pulse
crops



**Sumitomo
Corporation**

Sumitomo Corporation to fund
and drive development work for
commercialization

Region: **Americas**

Exclusive field trials in preplant
soil fumigation, and postharvest
food preservation for potatoes
and bananas, and bioherbicide



Bayer to fund and drive development work for commercialization

Region: **Europe, Asia Pacific, the Middle East and Africa**

Exclusive field trials in preplant soil fumigation, postharvest food
preservation of potatoes and bioherbicide applications

 **JANSSEN PMP**
PRESERVATION AND MATERIAL PROTECTION
a division of Janssen Pharmaceutica NV

Janssen PMP (division of
Johnson & Johnson) to fund
and drive all testing and
development work

Region: **Global**

Exclusive testing for
postharvest storage
preservation of fruits and
vegetables, excluding grains,
potatoes, bananas and
shipping container
fumigation

Platform Technology with Application in Multiple Markets

	APPLICATIONS	TARGET	ESTIMATED MARKET SIZE / LOSS	PROOF OF CONCEPT	EARLY R&D	ADVANCED R&D	REGISTRATION	Partner
				Laboratory	Greenhouse	Field Trials	Pre-Launch	
Soil Applied	Soil Amendment & Biofertility							
	TerraSante™	Preplant Soil Conditioner for Healthier Soil	US\$3.5 Billion Estimated Global Market Size	→			TerraSante™ Registration work ongoing in the US and Canada	
	Biofertilizers	Preplant Soil Biofertilizers for yield enhancement	US\$2.6 Billion Estimated Global Market Size	→		Formulation work		
	Soil Biocontrol							
	TerraMG™	Fusarium, Botrytis, Verticillium, Rhizoctonia, Pythium, Phytophthora, Sclerotinia, Aphanomyces, Clubroot Disease, Nematodes, etc.	US\$1.3 Billion Estimated Global Market Size in Fruit & Vegetable	→			TerraMG™ Registration work ongoing in multiple countries	Sumitomo Corporation, BAYER, NexusBioAg, UniverSolutions
	Bioherbicide	Natural Herbicide	US\$35 Billion Estimated Global Market Size	→		Formulation work on new extract		Sumitomo Corporation, BAYER
Non-soil Applied	Postharvest Biocontrol & Food Preservation							
	Storage: Potato, Fruit & Vegetable	Sprouting, diseases and pests	US\$1.5 Billion Estimated Global Market	→				JANSSEN PMP, janssen, BAYER, Sumitomo Corporation
	Storage: Bulk Grain*	Mycotoxins and pests	US\$15 Billion Estimated Global Loss	→		Seeking Partners		
	Storage: Shipping Containers*	Diseases and pests	US\$2 Billion Estimated Global Market Size	→		Seeking Partners		

* Literature shows AITC has application in these areas.

Source: Globenewire, Statista, Fortune Business, Polaris Market Research, 3rd Party Ag Market Researcher, MustGrow estimates.

Options for Commercialization and Production

Options for Commercialization

- M&A
 - Licencing (monetary upfront and royalty thereafter)
 - Buy & Supply
 - Partnership / Distribution
-

Options for Production

- Mass balances, equipment and plant layout completed
- Prefeasibility engineering on "Standalone, Greenfield Development" completed, unlikely required as equipment readily exists:
 - Tanks, centrifuges, pumps, dryers
 - Investment in CAPEX may not be required
- We have produced product from contract manufacturers
 - Identifying more contract manufacturers for initial production
 - Assessing strategic partnerships for production

Capital Structure

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Basic Shares Outstanding	49,677,755
Options/RSU's/DSU's	4,387,218
Warrants	1,490,304
Fully-Diluted Shares Outstanding	55,555,277
Market Cap (CAD)	\$119,226,612
Insider & Advisor Ownership (~20%)	10,013,422
Average Volume (3 month)	17,785
Previous Capital Spent (CAD)	\$23,000,000
Cash Position (CAD)	\$5,600,000
Debt (CAD)	\$800,000

*Debt has no maturity; no interest payable; no scheduled principal payments. Due upon change of control of MustGrow and/or certain revenue milestones.

Experienced Leadership Team

Lean executive team has the vision, energy and experience to execute



80+
Years

Combined
Industry
Experience



Corey Giasson, MBA
CEO & Director



Colin Bletskey
COO & Director



Todd Lahti, CFA, CPA, CA
CFO

4

20+

Years with Company

Years Experience

4

25+

Years with Company

Years Experience

10



























35+

Years with Company

Years Experience



Board of Directors & Advisors

 <p>Brad Munro <i>Chairman</i></p>	 <p>Laura Westby, JD <i>Director</i></p>	 <p>Matt Kowalski <i>Director</i></p>	 <p>David Borecky CPA, CA <i>Director</i></p>	 <p>Brian Quigley <i>Director</i></p>	 <p>Tom Flow <i>Director</i></p>
	 		 	 <p>University of New Hampshire</p>	<p>Serial Entrepreneur Since Age of 19</p>
 	  	 	 	 	 

 <p>Dr. David Maenz <i>Production Advisor</i></p>	 <p>Dr. Matthew J. Morra <i>Scientific Advisor</i></p>	 <p>Jamieson Bondarenko <i>Capital Markets Advisor</i></p>
 		 

World-class team of agriculture and business professionals

200+ Years Combined Industry Experience