Thorney Technologies Ltd

ABN 66 096 782 188

ASX Announcement: 20 November 2019 ASX Code: **TEK**

THORNEY INVESTMENT FORUM - COMPANY PRESENTATIONS

Please find attached a company presentation from Terragen Holdings Limited being presented at today's Thorney Investment Forum in Melbourne.

Details:

Date Wednesday 20 November 2019

Location: Ernst & Young
Address: Level 23, 8 Exhibition Street, Melbourne
Time: 9.30am for 9.45am, concluding by 1.00pm

A video recording of the presentations will also be uploaded to the respective websites a few days after the forum concludes.

Please direct enquiries to:

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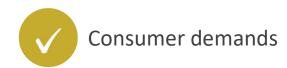
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DRIVING CHANGE IN AGRICULTURE

Industry Challenges And Changing Consumer Demands







Opinion

Polluting Farmers Should Pay

Fertilizer runoff is making us sick. States can step in to regulate farmers.

Forbes

Pollution And Climate Change Cause 'Dead Zones' In World's Oceans To Spread



Dangers of chemical fertilizers you may not know

WIRED

Big Ag Is Sabotaging Progress on Climate Change

Opinion: Grim as the UN's latest climate report is, it doesn't confront the dangerous, government-hijacking power of agribusiness.

A 'dead zone' the size of Massachusetts could hit the Gulf this summer

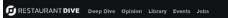
WNEWS

Antibiotic-resistant superbugs on the rise and leaving patients with life-long illness





'Antibiotic apocalypse' New diseases and antibiotic resistance major threat to humanity



McDonald's to phase out antibiotics in beef



The Land Battle Behind the Fires in the Amazon

The Amazon fires could fuel the decades-long fight that indigenous people have waged for their land.

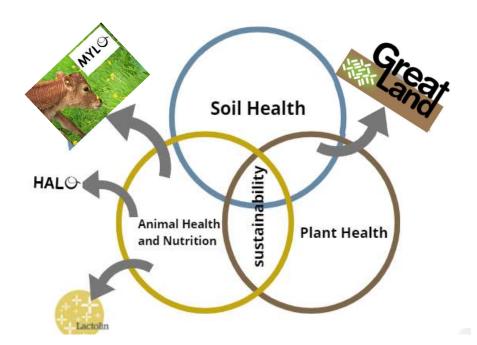




TERRAGEN OVERVIEW:

Natural Microbial Products For Crop And Animal Health

- Suite of patented natural microbial products that increase yield / growth in broad range of applications
- Reduces the reliance on chemical-based soil fertilisers and crop pesticides and antibiotics for animals
- Initial direct-to-farmer sales (showcasing in-field capability)
- Now progressed to the current B2B focus commercial sales in ANZ
- Ability to significantly scale up production
- Cost competitive
- ASX IPO raised \$20m with an expected market capitalisation of \$46m – shares to commence trading on 11 December



ONE PLATFORM: MANY APPLICATIONS







HALO

Use

Validated Performance

Concentration

Crop production

Yield increase

10 Litres per hectare

Udder health in dairy animals

Improvement in milk quality

50 mL per milking

Animal nutrition

Improved feed conversion

10 - 20 mL per day

Anti-inflammatory for livestock & companion animals

> Dependent on registration trials

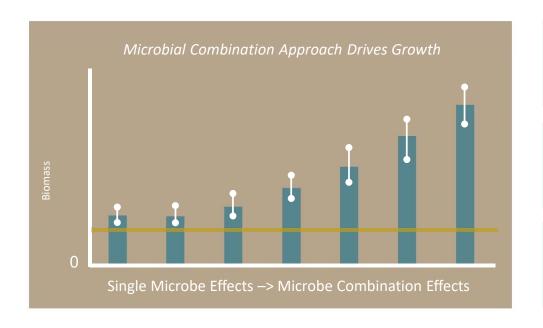
Application

Conventional methods, no specialised equipment

After starting to feed Mylo to cows, it seems the herd has improved their health, as shown by a significant reduction in Bulk Somatic Cell Count (BSCC) and increases in calving percentages." - Simon Park of Wonthaggi, VIC, dairy farmer



THE TERRAGEN MICROBE SOLUTION



Suite of Probiotic Microbes

Selected to Achieve Synergistic Effect

Benefits Soil Health and Plant Growth, as well as Animal Nutrition and Animal Health

























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GREAT LAND DEMONSTRATED BENEFITS:

Accelerated root development example





BUSINESS MODEL

Pathway To Scale



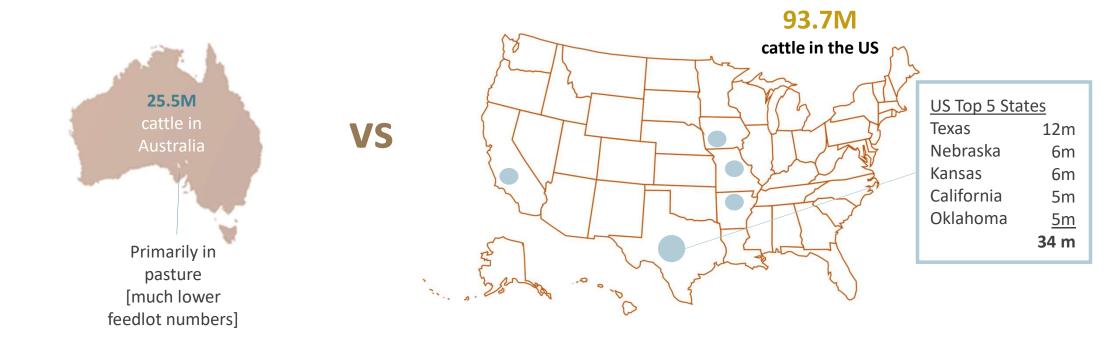
COMPETITIVE LANDSCAPE

Why Terragen Is Uniquely Positioned

Product(s)	Microbiome Rebalancing	Targeted Microbe Selection	Combination by Design	Independent Trial Data
Micro Plus / Microbalance Nutri-Life Micro /Revitalize/ Microsol	×	×	×	×
Soil & Seed VAM Grow Plus	×	×	×	✓
Rhizo Vital 42 Serifel Biofungicide	×	✓	×	×
Serenade (Bayer)	×	✓	X	✓
Actinobact / Loveland (Landmark) Bacstim100 / Bactivate	×	\checkmark	✓	×
trifixN	×	✓	✓	✓
Great Land	✓	✓	✓	✓

MARKET AREAS OF FOCUS

Example: US Cattle Market



MARKET OPPORTUNITY AND GROWTH STRATEGY

Terragen's Growth Plans Include The Following Specific Efforts:

- Increase scale and distribution networks for Great Land and Mylo[®] in Australia and New Zealand;
- The roll out of Terragen Products, in particular Mylo[®] and Great Land, is to be focused on key dairy cattle markets across Australia, New Zealand and USA (California);
- Launch Mylo® and Lactolin in the United States through commercial development programs in the California dairy sector and US beef feedlot operations;
- Commence market assessments and development of Mylo[®] and Lactolin in the key dairy countries of the EU;
- Commencement of efficacy trials supporting the registration of Halo in companion animals; and
- Continuous improvement of production efficiency and formulations of the Terragen Products.



THE TERRAGEN BOARD



JUSTUS HOMBURG MD & CEO

- 30 years' experience in the commercialisation of agricultural technologies
- CEO of companies such as Progen Pharmaceuticals, Nestle Health Science's Vital Foods and Chirogen Pharmaceutical Technologies. Previously worked at Monsanto



DR PAUL SCHOBER Proposed Chairman – on and from Listing

- 30 years' experience in the animal health industry
- Previous experience at Peptech Animal Health, Anatara Lifesciences and Apex Laboratories



MR SAM BROUGHAM Non-Executive Director and current Chairman

- Over 30 years' experience in private and public investment
- Co-founded Ceres Capital and Structured Assets Management and is a director of Ceres and Ellerston Global Investments



DR GREG ROBINSON Non-Executive Director

- Over 25 years' experience in financial services
- Previously MD and CEO of Asia Pacific for ITG and current Chairman and CFO of Exablaze



DR JOHN RYALS Proposed Non-Executive Director – on and from Listing

- John was a board member for a biotech sold to Bayer for US\$400m, Athenix
- Co-founder of AgBiome which has investors such as the Gate Foundation and Monsanto

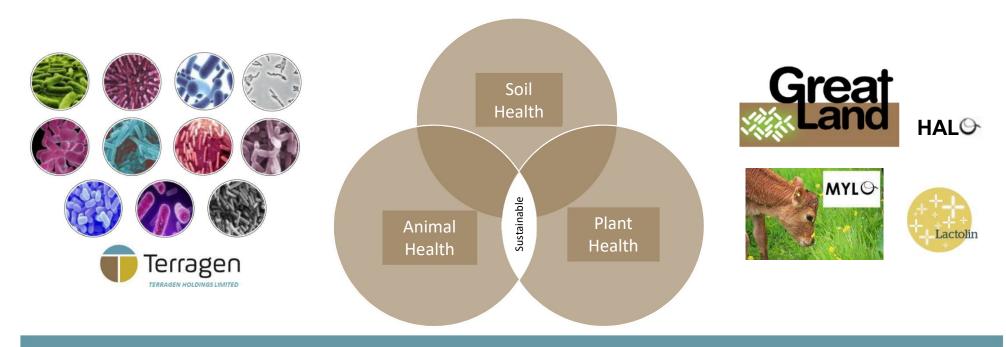


MS INGRID VAN DIJKEN Proposed Non-Executive Director – on and from Listing

 More than 20 years experience in private banking and funds management in both Australian and Switzerland. Currently COO of a privately held funds management firm

TERRAGEN INVESTMENT PROPOSITION

Technology + Productivity + Sustainability = Opportunity



Well-placed to take advantage of growing market driven by consumer demand and regulation

On-farm validated products

Ability to produce at scale

Competitive

Strong team

Only listed plant & animal health ag company

Deliver On Global Scale

