



Microbes Delivered

SUPERCHARGE YOUR FERTILIZER

Copyright. The information contained in this document is the property of
Cisbay Global Australia Pty Ltd
371 8 Buller Road Artarmon NSW 2064 AUSTRALIA.
Unauthorised use or disclosure is prohibited.

Cisbay Australia Overview



- Established in Australia in 2020
- Begun to commenced a team motivated with a combined 100 years experience in Finance, Business Development, Trade, Operations, Farming and Government.
- Business Address established.
- Begun trials completed with experienced farmers and researchers.
- Multiple B2B and partnerships in discussion with existing products.
- Pricing advantage and establishing distribution-readiness

© Copyright. The information contained in this document is the property of Cisbay Global Australia Pty Ltd
37/ 8 Buller Road Artarmon NSW 2064 AUSTRALIA.
Unauthorised use or disclosure is prohibited.

Cisbay Australia 2025-2026 Objectives - Agriculture & Water



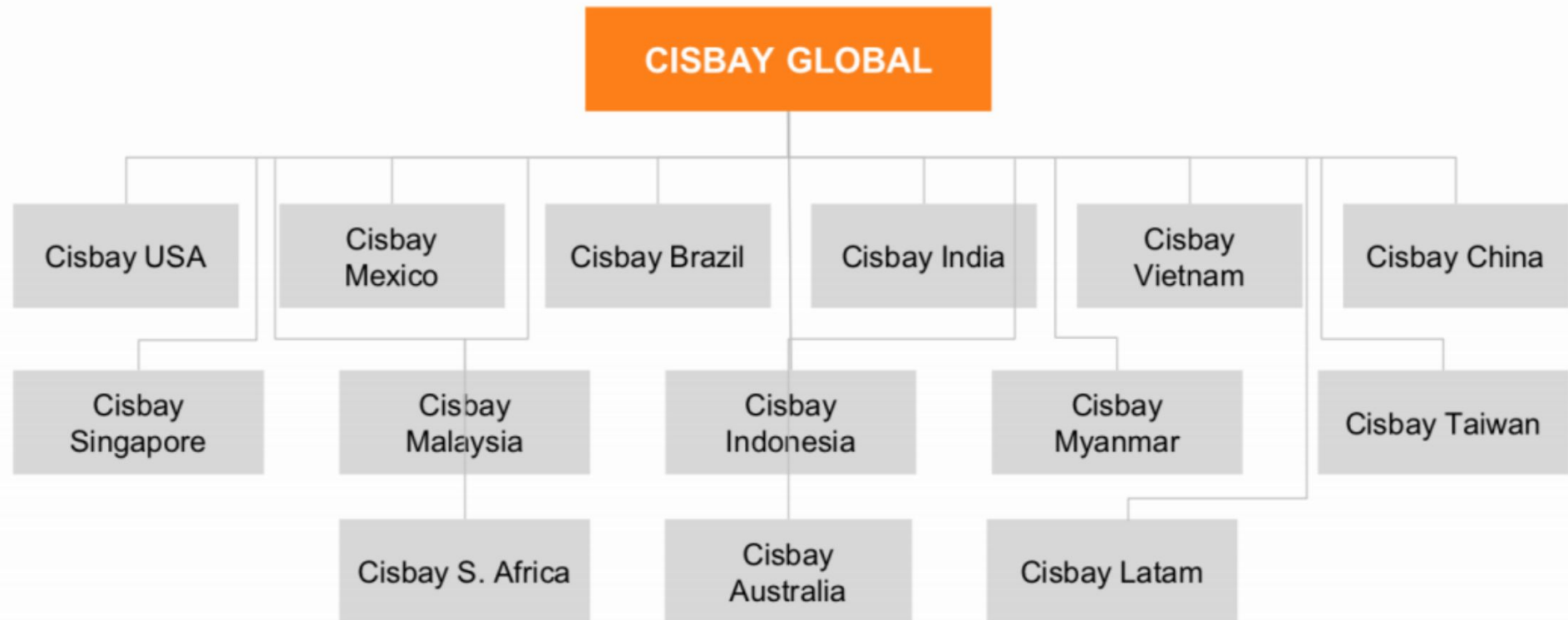
- Market study, product licensing and continued development of Australian organization and business development leads.
- Continue to identify and develop relationships and conduct trials with key influencers and top branded agricultural and vineyard stakeholders.
- Market launch with well known farmers, cooperatives, vineyards, and distributors



COMPANY OVERVIEW

- Incorporated in 2008; HQ in Silicon Valley, California.
- 2018 Corporate restructured for global expansion.
- Leadership team of experienced entrepreneurs and senior corporate executives.
- Team of scientists with over 40 years *individually* of research on soil, plant, water and microbial biotechnology.
- Established global partnerships in major agricultural countries: USA, Mexico, Brazil, India, Vietnam, China, Malaysia, Indonesia, Myanmar and S. Africa.

GLOBAL STRUCTURE



- Every country operate as a separate entity with the support of the global structure



AGN provides great benefits and is sustainable for all soil



VINEYARDS



ORCHARDS



AGRICULTURAL CROPS



GOLF COURSES



GREENHOUSES



HOME GARDENING



REDUCE CHEMICAL INPUTS



IMPROVE PROFITABILITY

AGN Microbes Solution

- Enhances Nutrient Use Efficiency & Availability
- Improves Soil and Plant Health
- Reduces Bacterial Disease Stress
- Improves Root Development
- Higher Crop Yield and Quality

Every farmer's new
best friend

AGN[®]
SOIL REJUVENATION



Farmer Benefits from AGN

- Healthy soil and healthy crop leads to less investment risk
- Farmers achieved between 3-5x ROI with AGN

Product Form, Dosage and Application

- Product forms: liquid, dry soluble, granular
- Dosages: 4 - 12 liters per ha or 0.5 - 1.5kg per ha
- Applications: in-furrow, broadcast, impregnate, coating, flood, drip or manual

MICROBES INTEGRATION

What forms are available for formulation?

- Both in liquid and dry

How long is the stability of the base product?

- 3 years

How to incorporate with other fertilizer products?

- Either by direct mixing or coating (impregnate)
- Depends on the process and temperature at their final steps, AGN can be blended or injected at the end process before drying

What is the recommended rate per acre or per ton of fertilizer?

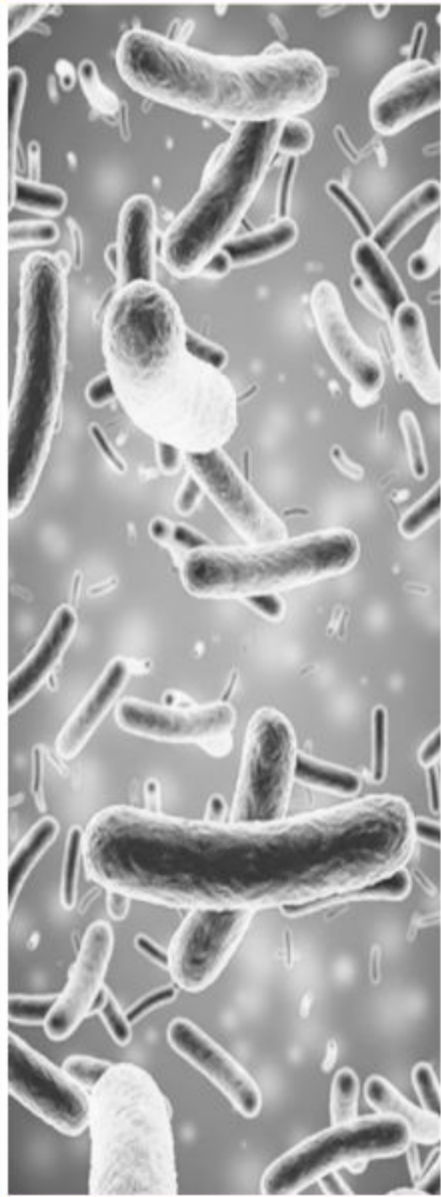
- Minimum of 2 quarts of liquid product or 8 oz of dry product for 100kg of fertilizers
- Rate can be adjusted depending on the process and target crops as well as the density of the microbes within the dosage

What are the evaluation parameters on other fertilizers with and without AGN?

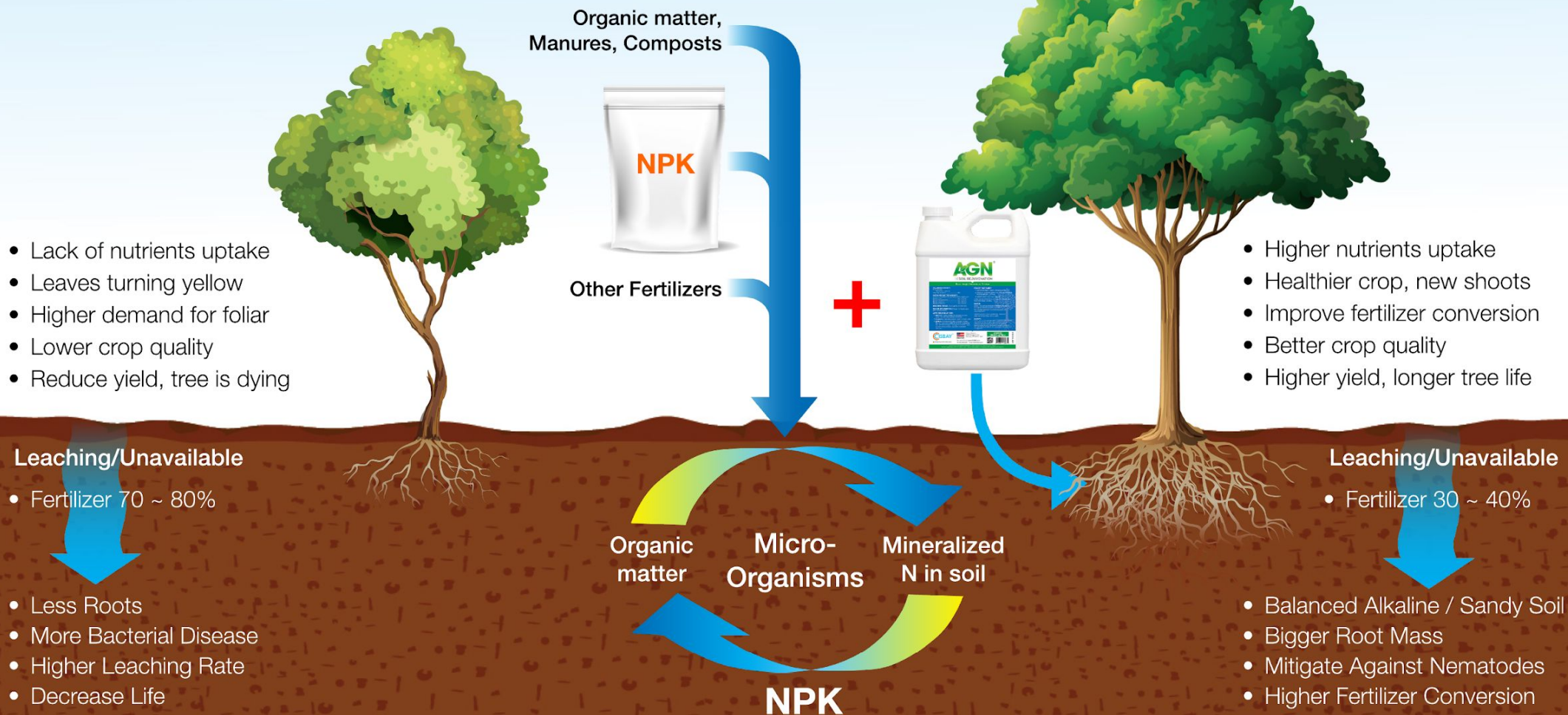
- Various measurements should include crop growth, root development, nutrient availability and uptake, disease management and ultimately crop yields and quality

What else can AGN offer?

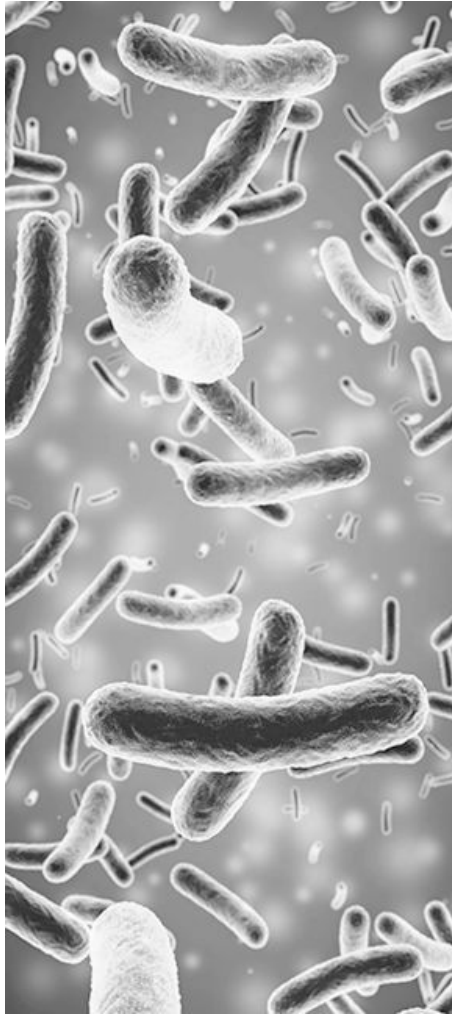
- Preferably at our second phase, Cisbay can provide custom formulation of our specialty traits for harsh soil conditions such as high pH and salinities. Integrating AGN microbial technology within your products will greatly enhance crop growth and yield.



SOIL BIOLOGY - "Healthy Farming"



Cisbay Microbial Technology



How are Cisbay Microbes Unique?

- Through decades of microbial research, we were able to identify and isolate specific microbial strains and their characteristics for sub-profiling
- Cisbay perfected the science of microbial consortiums where multiple beneficial microbes function and perform their specific tasks optimally and compatibility with one another
- Cisbay owns a private microbes bank and control 100% production of our microbes formulation for quality and consistency

Cisbay Patents	Assignee	Product	Status
US10221107B1	Cisbay Global Inc.	AGN	Granted
US10179744B2	Cisbay Global Inc.	BIOPOND	Granted
US10174283B2	Cisbay Global Inc.	BIODRIP	Granted

5 additional US patents and multiple international patents are pending

Australia Agriculture Market Overview



- Australia has a diverse agriculture, fisheries and forestry sector producing a range of crop and livestock products.. The value of agriculture, fisheries and forestry production has increased by 19% in the past 20 years in real terms (adjusted for inflation), from approximately \$58 billion in 1999–2000, to around \$69 billion in 2018–19.
 - 58% of Australian land use (446 million hectares, excluding timber production) and 59% of water extractions (9,434 gigalitres used by agriculture in 2015–16);
 - 11% of goods and services exports in 2018–19;
 - 2.2% of value added (GDP) and 2.6% of employment in 2018–19
- Export intensity varies across commodities – around 98% for wool and cotton, 71% for wheat, 76% for beef, 41% for dairy and 18% for horticultural products, over the three years to 2016–17.

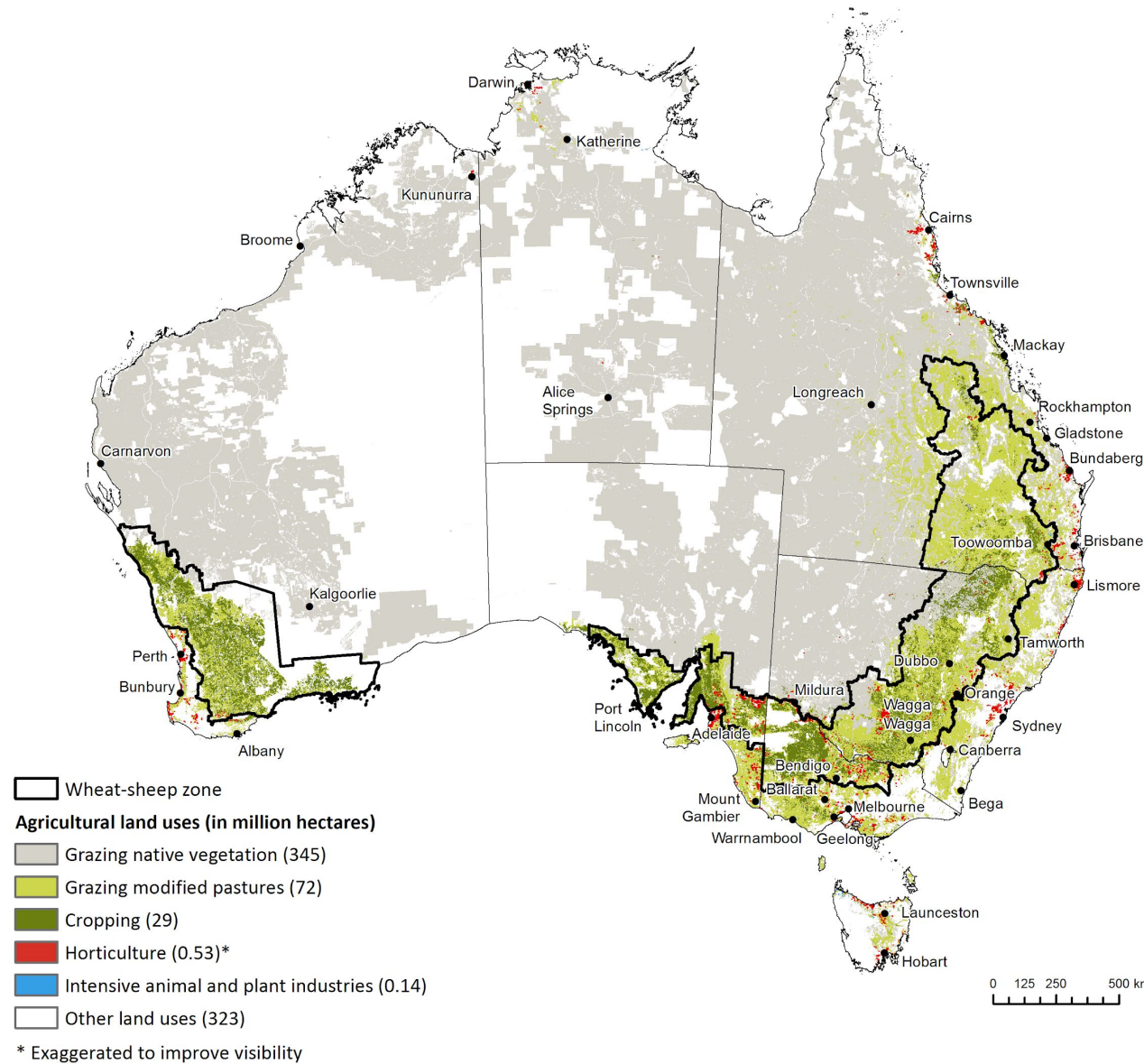
1 hectare (ha) = 2.47 acres

Source: Australia Dept of Agriculture

Australia Agricul

Main agricultural crops - 29.53 million hectares

- Wheat, coarse grains (barley, sorghum, maize, and triticale)
- Rice, oilseeds (canola, sunflower, soybeans, and peanuts)
- Grain legumes (lupins and chickpeas)
- Sugarcane
- Cotton
- Fruits
- Grapes
- Tobacco
- Vegetables



Source: Agriculture.gov.au

Cisbay Australia Targets Top 9 Crops



WINE GRAPE (Australia is world's 7th largest producer)
122,000 hectares in Australia
7.4 million hectares in the world



Wheat (World's 6th largest producer)
10,402,270 hectares in Australia
100 million hectares in the world



Barley (Australia's is ranked 5th in the world)
4,436,588 hectares in Australia
52 million hectares in the world



Sorghum (World's 12th largest producer)
550,000 hectares in Australia
30 million hectares in the world

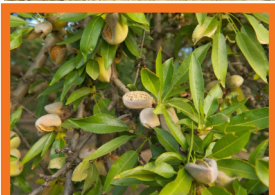
1 hectare (ha) = 2.47 acres

Source: Australian Bureau Stats 2018-19, World ha calc. from average yields per area

Cisbay Australia Targets Top 9 Crops



SUGARCANE (Australia is world's 9th largest producer)
433,154 hectares in Australia
 25.9 million hectares in the world



ALMOND (World's 8th largest producer)
13,939,628 trees in Australia
 2.1 million hectares in the world



RICE (Australia's is ranked 57th in the world)
7,620 hectares in Australia
 162.1 million hectares in the world



TABLE GRAPE (World's 16th largest producer)
25,000 hectares in Australia
 7.5 million hectares in the world



COTTON (World's 7th largest producer)
303,484 hectares in Australia
 35 million hectares in the world

1 hectare (ha) = 2.47 acres

Source: Australian Bureau Stats 2018-19, World ha calc. from average yields per area:

Application Rate

- April: 2 litres
- June: 2 litres
- Sept/Oct: (post): 2 litres

Field treated with AGN Microbes

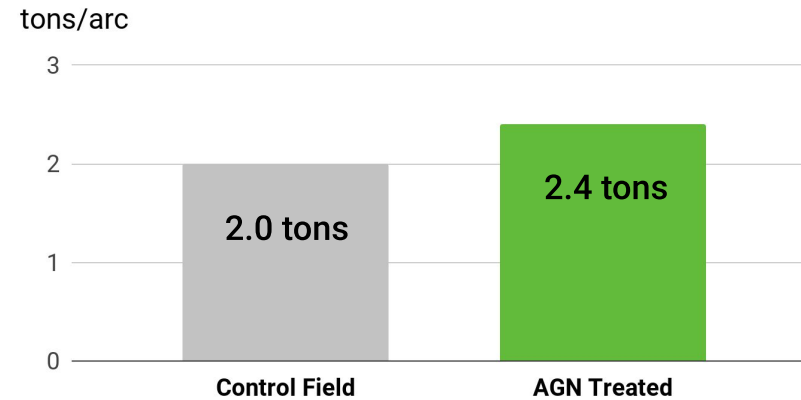
- Higher nutrient conversion increase bunch and berry size
- Manage bacterial disease pressure
- Faster vine growth on new planting
- Grapes are more uniformity and better color
- 2-3% brix higher

Profit delivered.

Healthy Soil → Healthy Crop = Happy Farmer

Confidential. The information contained in this document is the property of Cisbay Global Australia Pty Ltd. Unauthorised use or disclosure is prohibited.

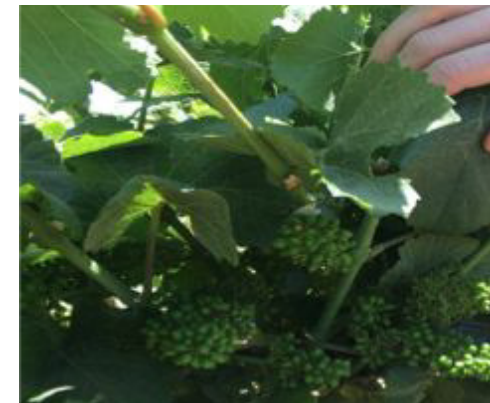
Increase of 0.4 tons/acre



(* Both plots applied with grower's standard fertilizer program)



Without AGN



With AGN

Shokrian Vineyard, Los Alamos, California

Issues:

- Vineyard was experiencing declining yields when it was purchased in 2013

Treatment:

- Trial Acreage: 50 acres
- 29 different varieties of grapes were tested

AGN application resulted in:

- Comparing average yield data across different grape varieties between 2015 (without AGN) and 2016 (with AGN), average yield increased from 1.60 tons/acre to 2.63 tons/acre (64% increase)
- Early harvest by 2 weeks
- BRIX level increased by 2%
- Higher quality and tighter grape clusters
- AGN minimized water usage, reduced additional usage of fertilizer and chemicals, and produced a higher and tighter grape cluster count

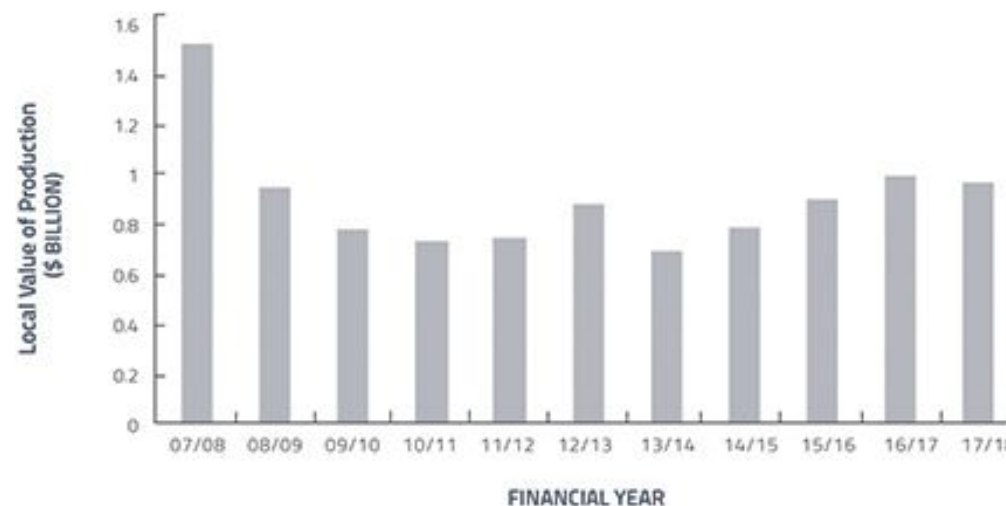
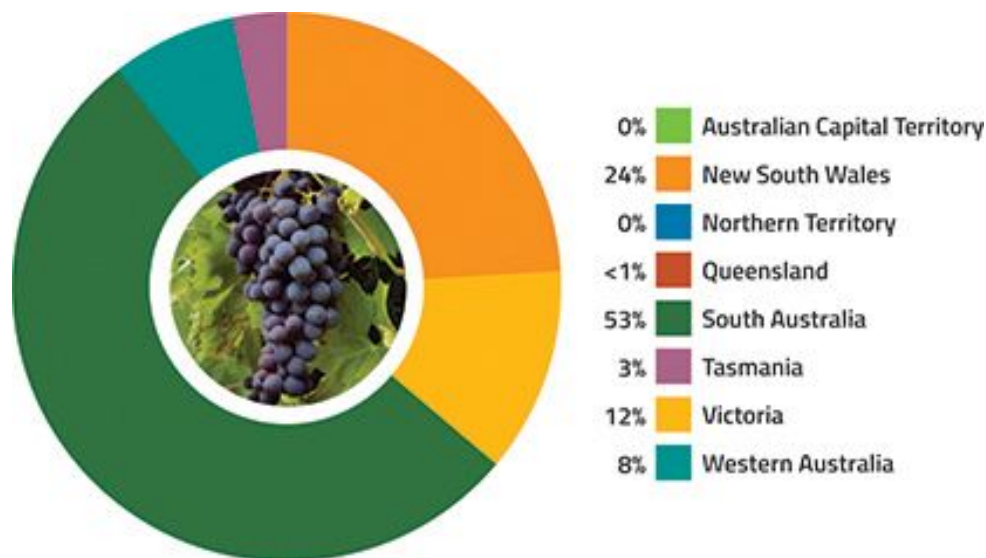


"We purchased the vineyard towards the end of 2013 while the vineyard was experiencing declining yields. In 2016, after using AGN, I observed tremendous growth! The yields and quality of fruit has performed much better than expected. Yields in certain blocks have grown between 20%-100% higher than previous years. In some cases our brix levels reached their desired numbers much faster than years before. Certain blocks were harvested at least two weeks earlier than the previous year with much higher and tighter cluster counts, all without losing quality or compromising winemakers' decision-making process."

- Babak Shokrian, Owner of Shokrian Vineyard

Australian Wine Grape Production

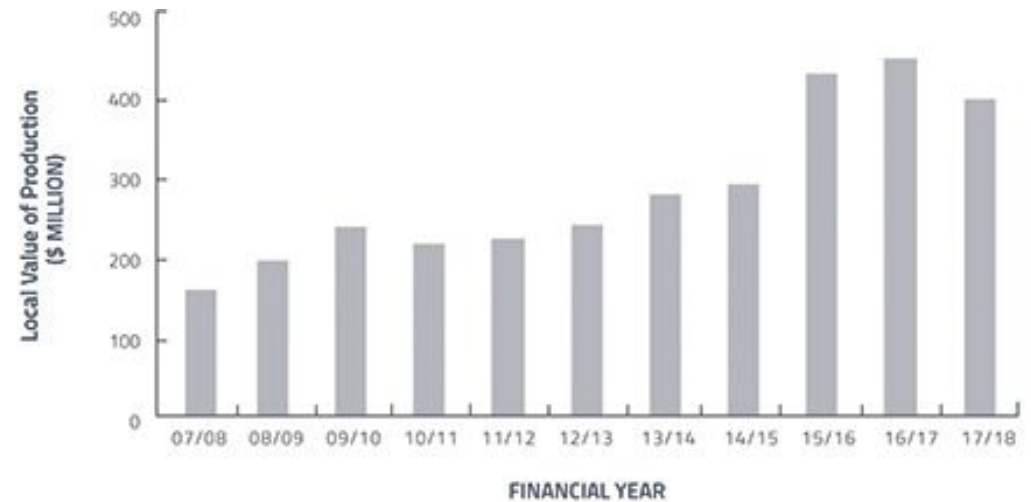
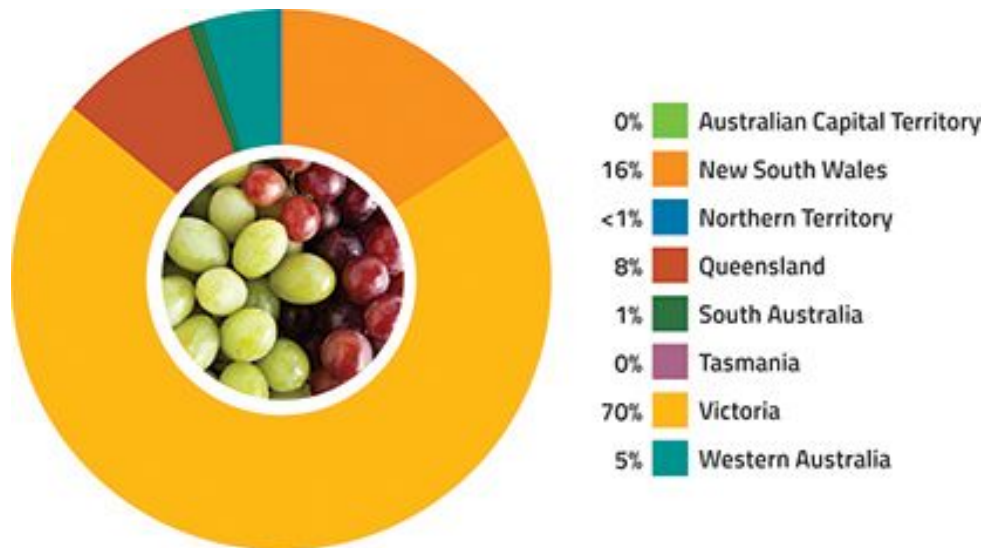
- 6,000 growers with 146,128 hectares, 2,400 wine producers
- The most grown wine grape varieties are Shiraz (30%), Cabernet Sauvignon (18%) and Chardonnay (16%)



Source: Plant Health Australian

Australian Table Grape Production

- 1,000 growers produced 200,000 tonnes



Source: Plant Health Australian

Consistent Benefits for Rice Farmers Worldwide



Vibrancy of color, tillers with vigor and strong growth were recorded in Cisbay treated paddy fields vs untreated ones in the **Indonesian** province of **East Java** where a paddy seed producer recorded 159% extra yield in **Pandaan** despite applying 30% less chemical fertilizers while the Krian trial recorded a “lower” additional yield of 35%. In **Ubud, Bali**, despite late application of AGN, the treated fields achieved 53% more yield.. Similar findings of substantially extra yields, consistently better grains and early harvest were also reported in the province of **Belitung**.



In **Punjab, India** rice farmers experienced higher yield and better maintenance of soil fertility using AGN.

Over 3000 rice farmers are using Cisbay AGN for their 2019 rice session in the states of **Punjab and Mah**.

Alcorn State University Peas Trial



Alcorn
State University



WITHOUT AGN



WITH AGN

	Total weight of shelled for 25 feet (pounds)		Total weight of unshelled (pounds)	
	Untreated	Treated	Untreated	Treated
Section 1	2.50	3.75	6.75	10.00
Section 2	2.25	3.85	6.50	10.50
Section 3	2.75	3.50	7.00	9.75
Section 4	2.50	3.87	6.75	11.50

“A significant higher yield both in shelled and unshelled peas.”

- Larry Russell, Farm Manager, Alcorn State University

Biotechnology to Treat Water & Wastewater



BIOPOND®

- Highly-effective biological treatment solution
- Improves water quality and digests organic waste and solids
- Removes toxic blue-green algae
- Removes smells/odors and reduces COD/BOD* levels
- Easy application and maintenance, without chemicals
- Non-toxic, safe for all aquatic life. Ecosystem friendly.



Proprietary **PATENTED** process and technology for bioremediation of water pollution.

[US10179744B2]

Treats water naturally by removing excess nutrients.

*COD or Chemical Oxygen Demand is the total measurement of all chemicals in the water that can be oxidized. BOD or Biochemical Oxygen Demand is used to measure the amount of food (or organic carbons) that bacteria can oxidize.

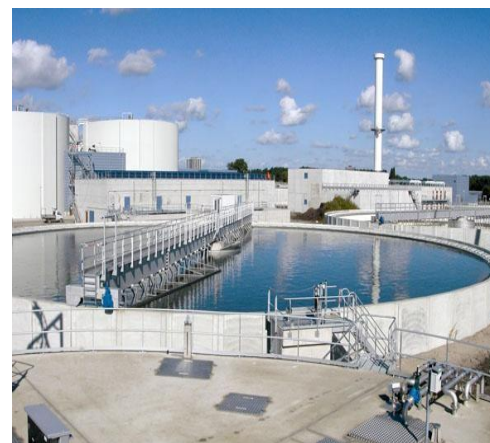
Biological Solutions for Water-Wastewater Treatments



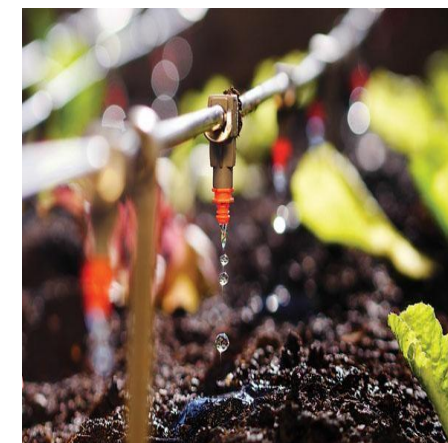
Ponds, Lakes, Reservoirs,
Lagoons, Rivers



Industrial & Wastewater
Processing Plants



Septic Tanks & Sewage
Systems



Drip Irrigation Cleaning
Systems



Treats water biologically

Rava Ranches, California



Cisbay Australia and New Zealand-Team



Ferdinand Abenales *Chairman and CEO -Australia and New Zealand (ANZ)*

Founder of Abenales Enterprise LLC a Private Global Equity and Venture Capital company. Ferdinand was a project management consultant/accountant with Australian Securities and Investments Commission (ASIC) and American Express International (Amex) in Sydney Australia and Brinderson Engineers and Construction LP and ASI Silica Machinery LLC, in Los Angeles, USA. Ferdinand holds the degrees of Bachelor of Accounting from Adamson University (Manila-Philippines) and Master of International Business from Macquarie University (Sydney-Australia). He completed Venture Capital at University of California Los Angeles (UCLA).

Ferdinand is a Fellow of Institute of Managers and Leaders (FIML) in Australia and New Zealand.

A member of Australian Institute of Company Directors (AICD).

A member of Institute of Management Consultants (Australia), Economic Society of Australia, Institute of Management Accountants (USA) and American Economic Association.

Chris Miles *VP Business Development -Australia and New Zealand*

Chris holds the University degrees in Science (Botany and Zoology), Education (Post Graduate) and a Diploma in Education (B.Sc., B Ed., Dip.Ed).

He has 10 years teaching in Tasmania, Australian Capital Territory (ACT) and New South Wales (NSW).

Chris has 30 years managing agricultural property including potato growing, prime beef and lamb,

Chris served as 14 years as a Representative in Commonwealth of Australia including Shadow Minister for Aboriginal Affairs, Shadow Minister for Education and Employment. Coalition member on Rural Committee (10 years and Industrial Relations (6 years).

Chairman of Coalition Education Committee (3 years)

Member of House of Representative Committees of Environment, Indigenous Affairs Committee and Electoral Committee

Leader of Australian Delegation to USA Presidential Election 1988

Australian Leader to International Business Conference in Spain.

3 years as Parliamentary Secretary to the Prime Minister and Federal Cabinet, that involved Security of Cabinet, Management of Policies submission by Ministers, and advising Prime Ministers Chief of Staff and Prime Minister Policy advisors.

10 years on the Foreign Investment Review Board of Australia that advised the Commonwealth Treasurer of Investment in Australia.

It included assessment of investment that was not in the National Interest of Australia.

Established several Proprietary Limited companies that manage agricultural, hospitality and tourism businesses. Now Director of four companies.

Awarded the Centenary Medal for Australia for contribution to Community Services and Education

Cisbay Australia and New Zealand-Team



Jeff Lee *VP Business Operations -Australia and New Zealand (ANZ)*

With more than two decades of combined experience, Jeff has a proven track record in managing operational areas to meet scalability requirements in companies spanning across industry sectors including pharma, medical device, transport and specialized machinery. His career has provided him with an extensive experience in quality, relationship management and managing risks associated with introducing new products from design, manufacture and regulatory approval.

Prior to Abenales Enterprise, Jeff held senior management roles with Pharmacia (now Pfizer), ResMed, Ventracor Pty Ltd,

ASI Silica Machinery LLC,. He has a Bachelor of Science degree from Monash University and a Ph.D. (Science) from the University of NSW, Australia.

Cisbay Australia and New Zealand-Team



Paul Douglas *VP Business Funding- New Zealand and Australia (NZA)*

Director of Seattle Global Trading Limited, and has over 30 years in Trade and Trade related businesses. Paul was educated at St John's College, Hamilton, New Zealand, and later at Victoria University in Wellington. He has Diplomas in both Computer Programming and Operating, and Financial Planning.

Paul has travelled extensively in Asia, Europe and North and Central America, and has during his travels met and embraced, lifestyles and cultures not encountered here in New Zealand. Paul has many people in Governments (in New Zealand and overseas) that he can call upon to assist in ventures and projects to cut through the "red tape" that normally slows projects or stalls them all together.

Paul is multi lingual and can converse in Spanish, French and German.

Paul was the first to create and market a Pet Insurance platform through Multicorp Insurance in Auckland, New Zealand.. This was established in London and underwritten by Lloyds of London.

Paul was one of the five founding members of Gasoline Alley Service Limited, "G.A.S: a privately owned independent retail fuel company. He established the supply chain logistics of fuel and signed up 28 retail sites for supply contracts. The Current owner offered to buy him out and Paul accepted.

Paul has interest in New Zealand politics and has served as Chairman of his local branch of the political party for five years. During this time he was involved in arranging the Party Conference, and also hosted the post-election television production including the Party's five Ministers of Parliament, the Party Leader and other persons of note.

Cisbay Australia and New Zealand-Team



Bede Roughton *VP Business Development- New Zealand and Australia (NZA)*

Bede Roughton is an accomplished global executive with a record of effective governance and leadership in the education and business sectors including developing and leading profitable international business operations for over 30 years.

As the youngest Principal appointed to a New Zealand Secondary School, Bede went on to lead one of the country's most prestigious Colleges and then set up his own Tertiary Education Provider supplying as President, university level courses and qualifications to New Zealand and international students.

He has extensive experience as CEO and MD of companies involved in International Education; Investment and Project Finance; Food, Live Animal and Agriculture Export; Project Management; Commodity Trading; Property Development Technology; and sustainable Community Development. He established a Private Tertiary Training Enterprise offering: Business and Economics NZQA approved courses up to Stage Two of a University Degree and Diploma Level 5 and 6; English as a Second Language; and Information and Communications Technology. This included successful registration through NZQA as an accredited provider; Contract in Joint Venture with Livestock Improvement Corporation to sell 20,000 rising two year old Holstein Friesian cross heifers per annum to Shenyang Dairy Company Limited; introduction of Good Health Products Limited to China markets through a Joint Venture with Good Health Products New Zealand Limited; arranged investment in secure New Zealand commercial properties and businesses offering returns of 8%+ to investors through a range of New Zealand tax efficient, reduced liability company and partnership structures; led a delegation to Nanjing to successfully win a Project 321 Government Grant.

Bede has enjoyed politics and has been involved in Central Government politics as Treasurer of one of the two major political parties and through his involvement with numerous government initiatives in New Zealand. He has a Deputy Prime Minister and several Cabinet Ministers of New Zealand as his referees and associates. Bede has lectured in History to Secondary Teachers for Massey University; in Pedagogy to Teachers for the Ministry of Education; and in Economics and Management for NHITL.

He has post-graduate qualifications in Philosophy; Education; Management and Leadership; and Effective Group Leadership and Conflict Resolution.

CONTACT US



CISBAY Global Australia Pty Ltd

37/ 8 Buller Road, Artarmon NSW 2064 Australia

Mobile: +61 450 430 108

Email: abenalesenterprise@gmail.com

www.cisbayaustralia.com

Global Headquarters CISBAY GLOBAL INC.

6389 San Ignacio Ave,
San Jose, CA 95119

1.408.903.4560 | www.CISBAY.com

