Stock Code: 4148



All Cosmos Bio-Tech Holding Corporation

www.allcosmos.com

Disclaimer

All Cosmos Bio-Tech Holding Corporation 全宇生技控股有限公司

These presentations and discussions contain certain forward-looking statements with respects to the results of operation, financial condition and current expectation about future events. By their nature, forward-looking statements involve risk and uncertainty because they relate to events and depend on circumstances that will occur in the future.

We undertake no obligation to publicly update or revise any forward looking statements whether as a result of new information, future events or otherwise. The actual result could differ materially from those anticipated in these forward looking statements.

全宇生技 ALL COSMOS BIO-TECH

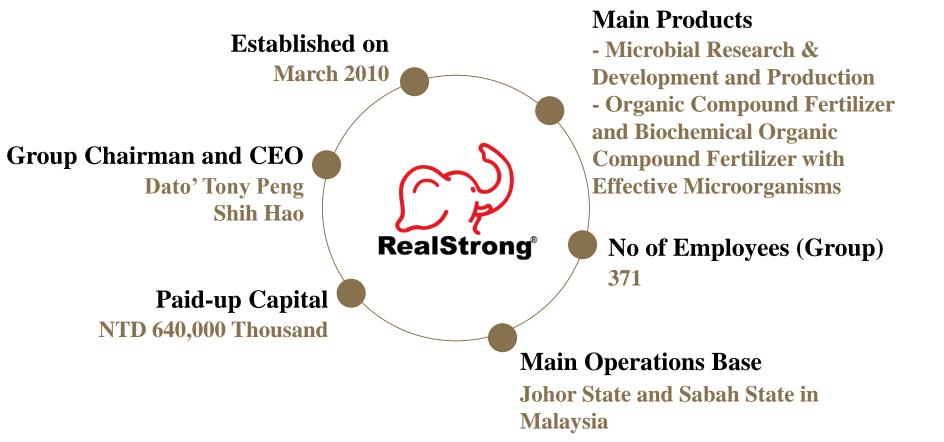
Holding Corporation AgriCultural Innovation

Outline

- 1. Company Profile
- 2. Operational Overview
- 3. Industry Overview
- 4. Growth & Development
- 5. 2019 Q3 Financial Report



Company Introduction All Cosmos Bio-Tech Holding Corporation 全字生技控股有限公司



Milestone

All Cosmos Bio-Tech Holding Corporation 全宇生技控股有限公司



1999

(ACI) Established

All Cosmos Industries Sdn Bhd

Collaborate with
Malaysian Palm Oil
Board (MPOB) to
develop MPOB F4
Biochemical
Compound
Fertilizer

2008



2009

Set up R&D
Center and Build
Nitrogen-Fixing
Bacteria
Production
Platform



2010

All Cosmos Bio-Tech Holding Corp. (ACBT) & Sabah Softwoods Hybrid Fertilizer (SSFH) Incorporated

Milestone



Group Structure

All Cosmos Bio-Tech Holding Corporation 全宇生技控股有限公司



, 100%

Date of Establishment: 2010

Paid-up capital: NTD 640 million

PT All Cosmos Indonesia (PT ACI)

1 99%

Registered: Indonesia Date of Establishment: 2011

Paid-up Capital: 4 Billion rupiah

1% 60%

PT All Cosmos Biotek (PT Biotek)

Registered: Indonesia

Date of establishment: 2018

Paid-up Capital: 33.8 Billion rupiah

49%

All Cosmos Industries Sdn Bhd (ACI)

Registered: Malaysia

Date of Establishment: 1999

Paid-up Capital: RM30 million

GK Bio International Sdn Bhd

60%

Registered: Malaysia

Date of establishment: 2018

Paid-up Capital: RM3 million

Sabah Softwoods Hybrid Fertilizer Sdn Bhd (SSHF)

55%

Registered: Malaysia Date of Establishment: 2010 Paid-up capital: RM60 million (Sabah Softwoods Bhd 45%)

40%

Sawit Ecoshield Sdn Bhd

Registered: Malaysia

Date of establishment: 2017

Paid-up Capital: RM5 million

Arif Efktif Sdn Bhd (AESB)

Registered: Malaysia

Date of establishment: 2012 Paid-up Capital: RM500,000

Cosmos Biowood Sdn Bhd

₩ 80%

Registered: Malaysia

Date of establishment: 2015 Paid-up Capital: RM500,000

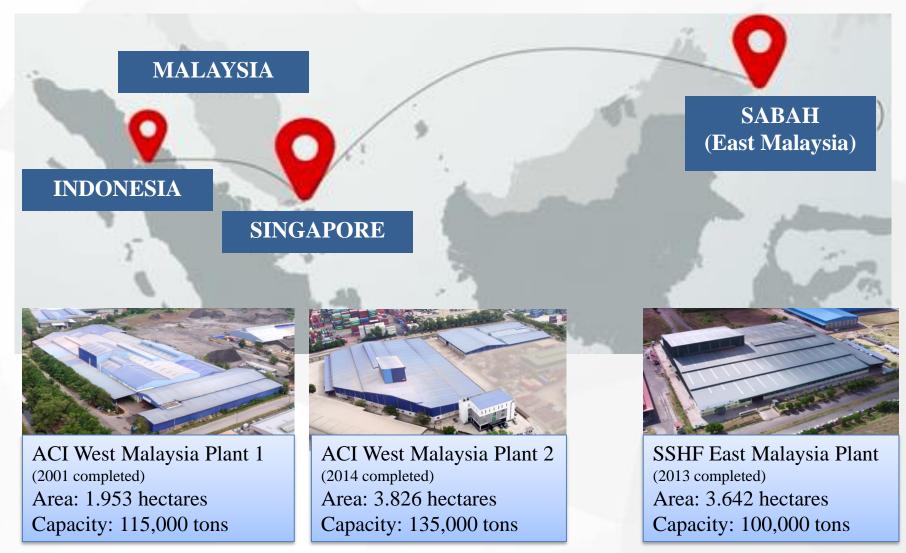
Kinabalu Life Sciences Sdn Bhd

60%

Registered: Malaysia

Date of establishment: 2017 Paid-up Capital: RM2 million

Principal Business Plant



Principal Business Plant

PT All Cosmos Indonesia (target to complete in 2020) Area: 4 hectares + 4 hectares (reserved) Capacity: 50,000 tons

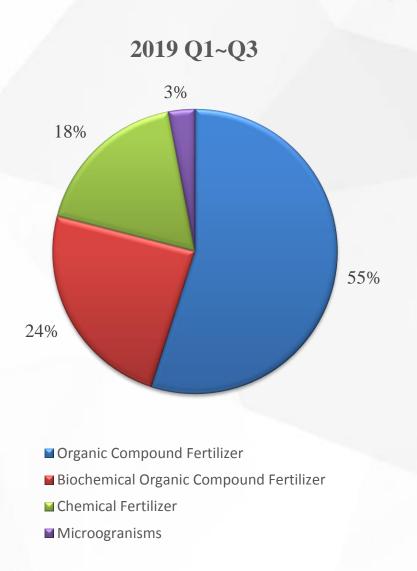


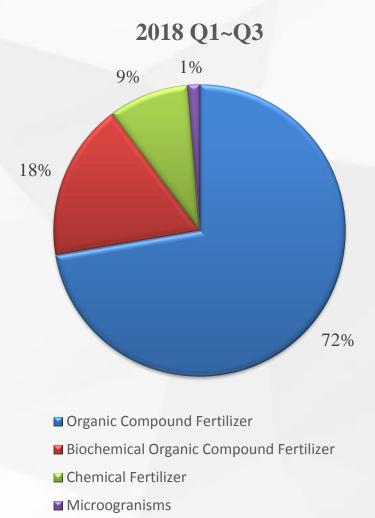
Types of Fertilizers All Cosmos Bio-Tech Holding Corporation 全字生技控股有限公司



Types	Straights Fertilizers	Chemical Mixture	Chemical Compound Fertilizer	3 in 1 Bio Chemical Compound	4 in 1 Bio Control Bio Chemical Compound
Description	Containing only a single chemical element	Mixture of Two or more chemical elements	Granulation of Mixture of Two or more chemical elements	Adding organic matter with micro-organisms to chemical elements	Adding bio-control bacteria to Bio chemical compound fertilizer
di Ac	 Use accordingly to the crop conditions High labour cost due to need frequent manuring application 	 Lower Production costs, Lower Manuring Frequency Uneven distribution of nutrients, loss of volatile easily 	 The nutrients contained evenly and stable Long-term usage cause environmental pollution 	advantages of	 Additional disease- resistant function Higher production costs and selling price

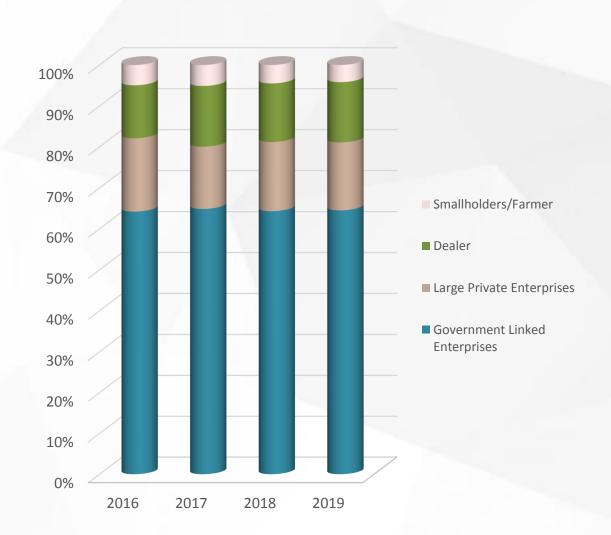
Product Combination Ratio





Key Customer

All Cosmos Bio-Tech Holding Corporation 全宇生技控股有限公司



Government Linked Enterprises













Private Enterprises





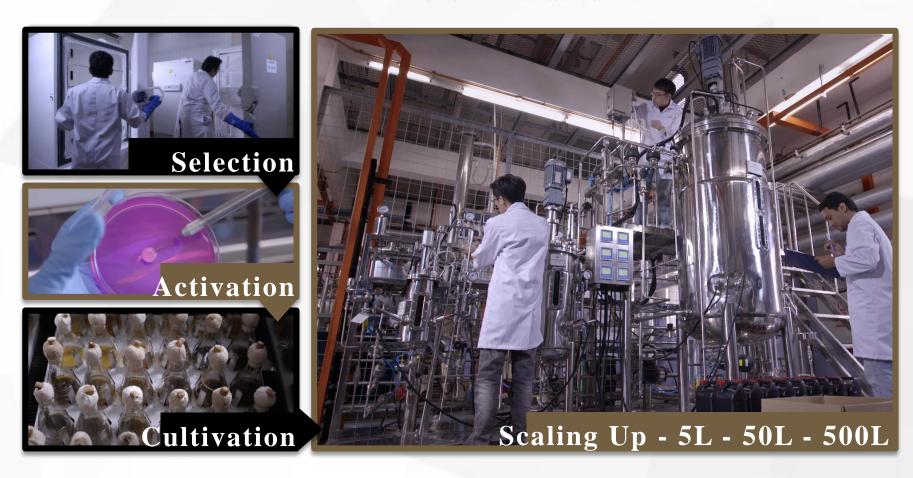








Microbial Production Process



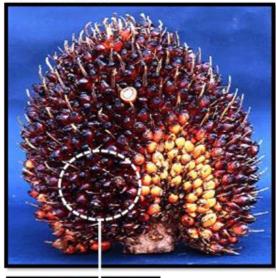
Fertilizer Production Process





All Cosmos Bio-Tech Holding Corporation 全宇生技控股有限公司

Oil Palm Fruit Introduction



Basic Information 基本資料

- Fruits per bunch: 1000 to 3000
- Bunch Weight: 15 25kg
- · Fruit size: 5 cm
- · Fruit shape: Oval
- · Fruit Color: Yellowish red
- Fruitlet weight: 10 grams
- Oil per bunch: 23 25%



Mesocarp: crude palm oil

Palm kernel: crude palm kernel oil

Shell

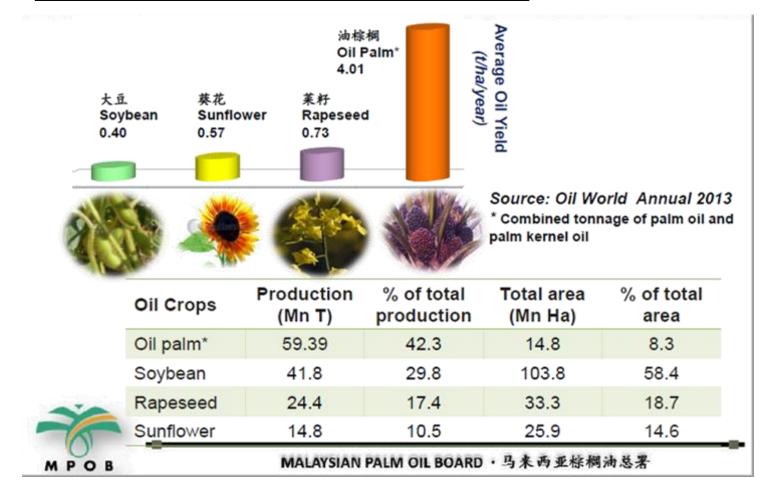
MALAYSIAN PALM OIL BOARD·马来西亚棕榈油总署



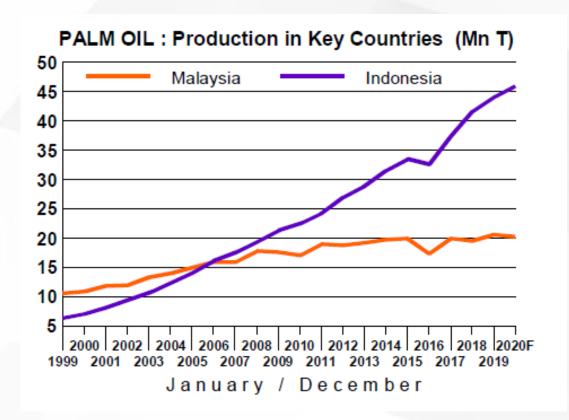


All Cosmos Bio-Tech Holding Corporation 全宇生技控股有限公司

Oil Palm - The Most Productive Oil Crop



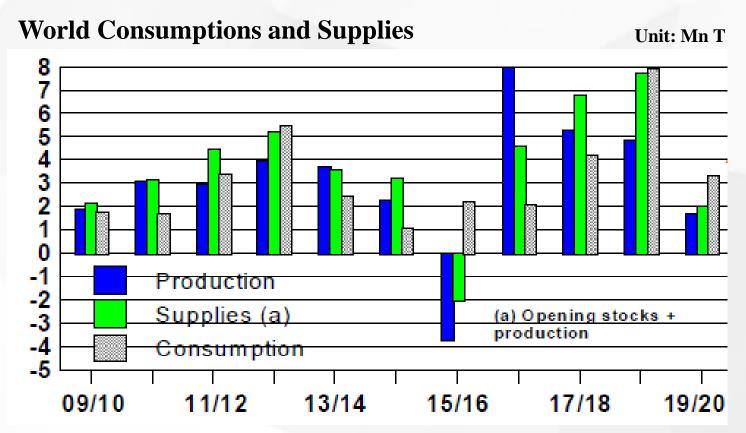
All Cosmos Bio-Tech Holding Corporation 全字生技控股有限公司



- Indonesia and Malaysia are key planting countries of oil palm
- Expecting slow down in production growth in 2020

Source: Oil Word . 2019/9/27

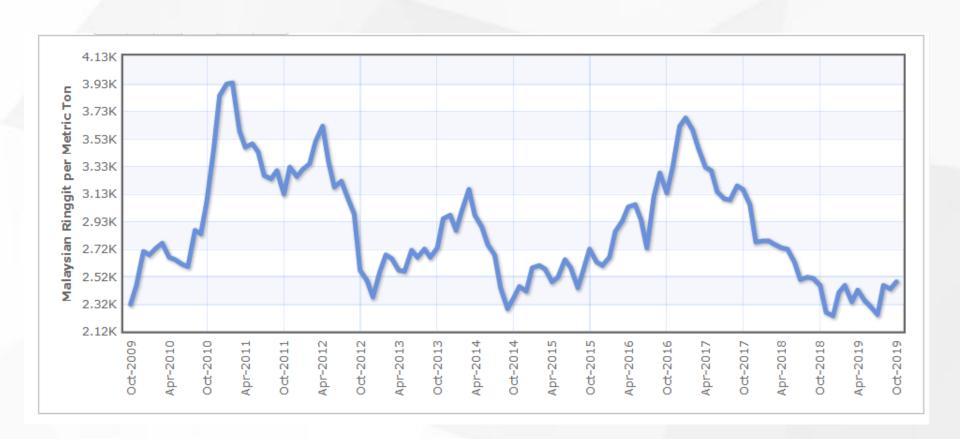
All Cosmos Bio-Tech Holding Corporation 全字生技控股有限公司



Source: Oil Word . 2019/9/27

• Supply & demand close to balance in 2019 to 2020, with expected production of 78.6 million tons and consumption of 80 to 81 million tons

2009 ~ 2019 CPO Price



Various Problems In Oil Palm



Species / Breed



Plantation Management / Manpower Issues



Soil / Water



Fertilizer



Weather



Pest & Disease Control

Ganoderma Disease





STATUS OF Ganoderma DISEASE IN OIL PALM ESTATES in Malaysia (Idris et al., 2011; PIPOC)

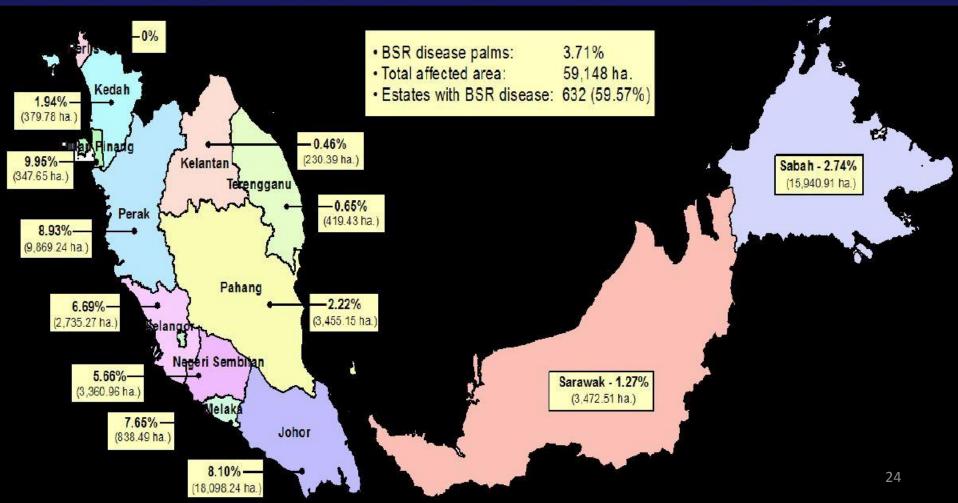
Total no. of estates contacted: 2,355.

BSR disease palms: 3.71%

No. of estates responded: 1061 (45.0%).

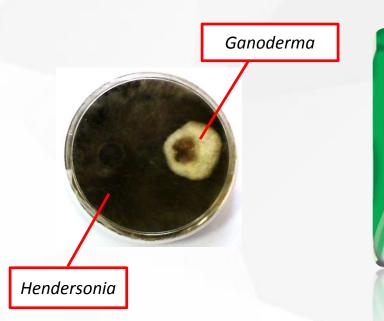
Total affected areas: 59,148 ha.

Total areas responded: 1.594 million ha. Estimated losses: RM 1.5 billion

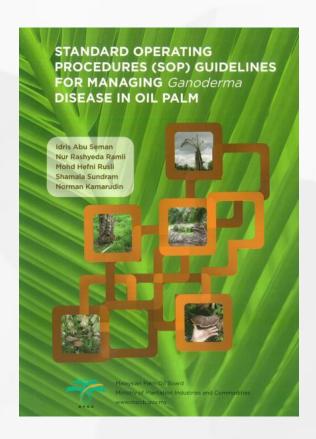


Ganoderma Disease Prevention

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SOP Guidelines for Managing *Ganoderma* Disease in Oil Palm - published by MPOB on July 2016



Operational Growth

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Main Customers:

- Government linked company, large private plantation
- Selling with own brand "RealStrong"
- Divide into standard sales, project sales and marketing

Main Market:

- Malaysia is accounted for about 90%, while the rest are exported to the Philippines, Indonesia and Vietnam
- Mainly for oil palm, fruit, rubber, rice and other crops

New Market:

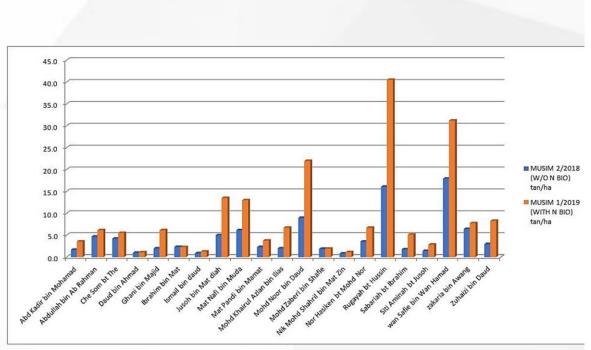
• Become Malaysian government's rice microbial subsidy supplier

Operational Growth

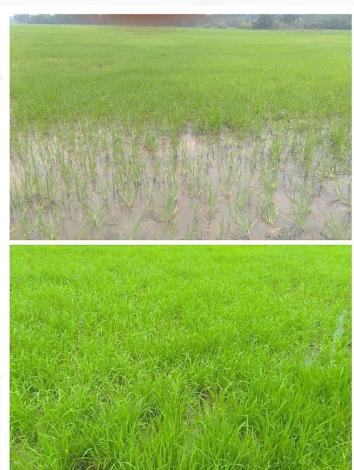


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Operational Growth



N-bio booster improves production by 12%-20%



Sustainable Waste Management All Cosmos Bio-Tech Holding Corporation 全字生技控股有限公司



Plantation



Palm Oil Mill







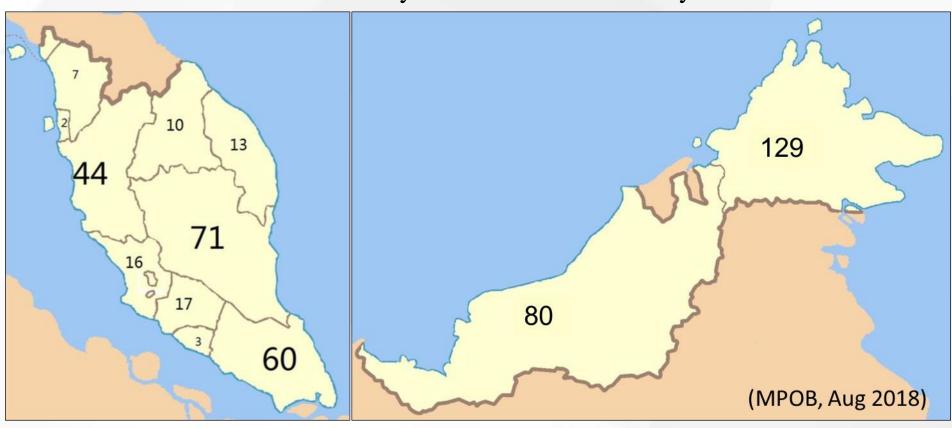
EFB, Decanter Cake

Value Added with Disease Prevention & Control

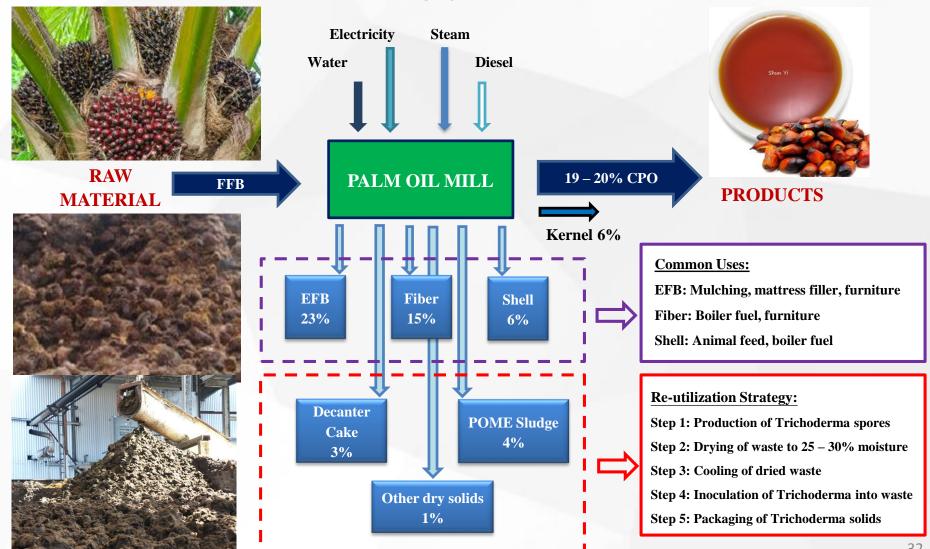
Malaysia Oil Mill Map

Malaysia has a total of 453 Palm Oil Mill, all over 12 states

West Malaysia: 244 East Malaysia: 209



Palm Oil Mill Material Flowchart



Palm Oil Mill Sustainability

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 Produce Sawit Shield using decanter cake from oil mill and use for combating Ganoderma disease in Sawit Estate

Palm Oil Mill

All Cosmos Bio-Tech Holding Corporation 全宇生技控股有限公司

First Palm oil mill started operation in September 2019



Biotechnology Growth



Biotechnology Development





Beet



Sugar Cane

First generation



Sugar

Material



Empty fruit bunch



Sawdust

Second generation



Lignin

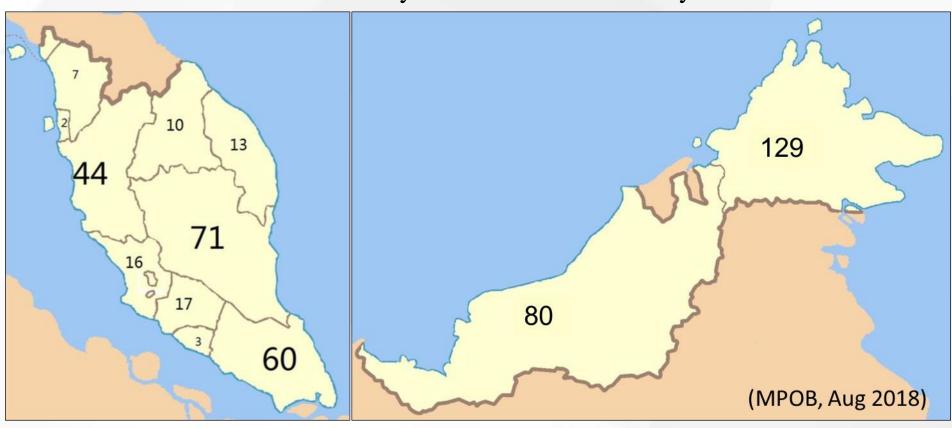
Glucose

Xylose

Potential Sugar Valley

Malaysia has a total of 453 Palm Oil Mill, all over 12 states

West Malaysia: 244 East Malaysia: 209



Potential Sugar Valley

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Lignin





Second generation sugar













Products

Bio Lysine

PLA

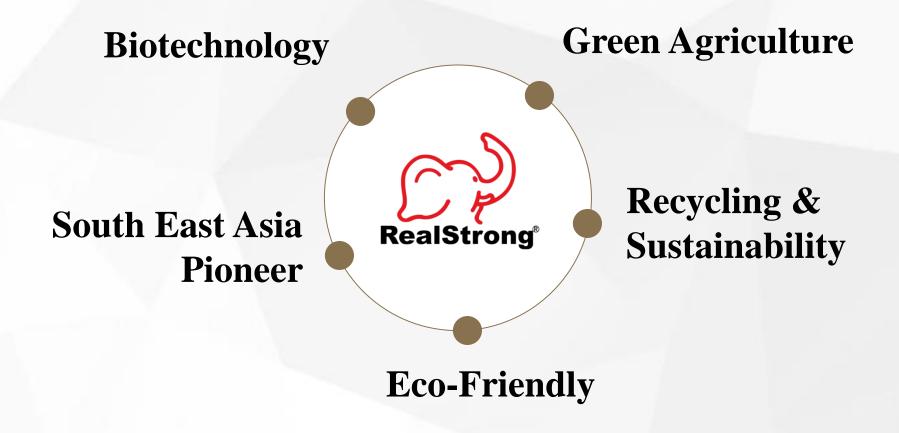
Isobutanol

BDO (1,4-butanediol)

Bio Lysine

Lignosulfonates

Plans





Consolidated Income Statement

Item	2019 Q3 NTD\$,000	º/o	2018 Q3 NTD\$,000	%
Sales revenue	453,122	100	761,281	100
Cost of goods sold	(361,268)	(80)	(537,143)	(71)
Margin	91,854	20	224,138	29
Operating expenses	(73,397)	(16)	(132,755)	(17)
Operating profit	18,457	4	91,383	12
Non operating income & expenses	14,661	3	19,322	3
Profit before income tax	33,118	7	110,705	15
Income tax expenses	(28,781)	(6)	(11,584)	(2)
Profit after tax	4,337	1	99,121	13
EPS	0.10		1.43	

Consolidated Income Statement

Item	2019 Q1~Q3 NTD\$,000	0/0	2018 Q1~Q3 NTD\$,000	0/0
Sales revenue	1,395,472	100	2,216,898	100
Cost of goods sold	(1,085,676)	(78)	(1,558,000)	(70)
Margin	309,796	22	658,898	30
Operating expenses	(256,487)	(18)	(330,739)	(15)
Operating profit	53,309	4	328,159	15
Non operating income & expenses	26,322	2	31,830	1
Profit before income tax	79,631	6	359,989	16
Income tax expenses	(42,198)	(3)	(41,420)	(2)
Profit after tax	37,433	3	318,569	14
EPS	0.54		4.33	

Consolidated Balance Sheet

All Cosmos Bio-Tech Holding Corporation 全字生技控股有限公司

新台幣仟元

項目	2019.09.30	2018.09.30	YoY (\$)
Cash & financial assets	820,455	668,959	151,496
Account receivable	518,232	1,034,880	(516,648)
Inventory	308,619	541,706	(233,087)
Other non current asset	118,369	86,803	31,566
Non current asset	839,053	759,104	79,949
Total asset	2,604,728	3,091,452	(486,724)
Short-term loan	-	267,325	(267,325)
Accounts payable	98,749	210,735	(111,986)
Other non current liabilities	29,262	61,632	(32,370)
Non current liabilities	35,707	61,302	(25,595)
Total liabilities	163,718	600,994	(437,276)
Total equities	2,441,010	2,490,458	(494,448)





-2019

Thank You

Kulat endofitik untuk kawalan

penyakit Ganoderma Endophytic fungus for co All Cosmos Bio-Tech Holding Corporation 全宇生技控股有限公司

Bahan organik Organic matters

Nutrien NPK

Mikroorganisma bermanfaat Effective microorganisms

Jointly developed by:



Dirumuskan oleh/in collaboration with:

Malaysia Palm Oil Board

PATENT NO. PI2011005782

6. Persiaran Institusi, Bandar Baru Bangi, 43000 Kajang, Selangor, P.O. Box 10620, 50720 Kuala Lumpur