

Grape King Bio(1707 TT) Investor Presentation

Mar 2020

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Investment Highlights



- ✓ We are a leading health food manufacturer in Greater China, specializing in probiotics, mushroom and other herbal-based supplements.
- ✓ We operate the second largest direct-selling company Pro-Partner in Taiwan (2016 market share: 9.8%).





- We are one of the few health food companies in Taiwan that possess the capability to produce our own raw materials, manufacture products and distribute through own brands and channels.
- Our expertise in raw materials allow us to develop health supplements serving different benefits.
 Therefore, many of our products are TFDA approved for different health benefits.
- We are also a frequent winner of major international conventions/competitions in respect to new product design/concept.





- ✓ We have delivered a solid earnings during 2008-2019 (CAGR of 21%/average ROE 20%).
- We have maintained more than 60% dividend payout in the past five years.
- On the back of a growing health and wellness market in Asia, we strive to deliver double digit topline growth through different growth catalysts from our individual business unit.



Company Background

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Company Milestones

Grape King is selected as Grape King Bio-Tech Research Forbes "Asia's 200 Best Under Institute was established. A Billion." for two consecutive 1991 years. Grape King formed a joint ٠ **Bio Engineering Center was** venture with All Cosmos Bio-2014 established. Tech Holding Corp (4148 TT) to Dr. Andrew Tseng succeeded set up GK Bio International to 2017 his father to become the CEO 1982 1997 expand Malaysia market. and Chairman. Grape King's first . Grape King signed a joint Listed on Taiwan Shanghai Grape tourist center Grape King is selected as memorandum with Japanese Stock Exchange King was opened in July. Forbes "Asia's 200 Best Under leading health supplement established. A Billion." OEM/ODM company API Co., Ltd. **197**1 Grape King was founded 2009 2013 2016 2020 1993 Pro-Partner's ranked Pro-Partner's ranked Grape King Bio-Tech Grape King Bio-Tech No.6 among Taiwan No.3 among Taiwan Headquarter started Pro-Partner was formed a strategic direct selling direct selling established. operation in September. alliance with TST - a companies. 2008 2012 companies. leading social-selling 2014 company in China. Pro-Partner's ranked Pro-Partner's ranked Pro-Partner's ranked 2018 No.8 among Taiwan No.4 among Taiwan No.2 among Taiwan direct selling companies. direct selling Taipei Grape King direct selling companies. Sales headquarter companies.

2015

was established.

2019

Company Overview : Three core business units



1. Grape King Taiwan (Parent Co) Taiwan own brand & global OEM & ODM

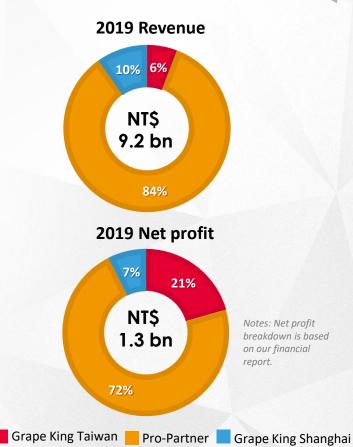
Locus of all key ingredient design, formulation, and production for the whole Group.

2. Pro-Partner (60%-own) Taiwan direct selling distribution

A differentiated distribution channel with products sold through direct-selling by members under the Pro-Partner brand.

3. Grape King Shanghai (100%-own) China OEM & ODM

Our manufacturing in China that focuses on OEM and ODM for domestic and global health food companies.

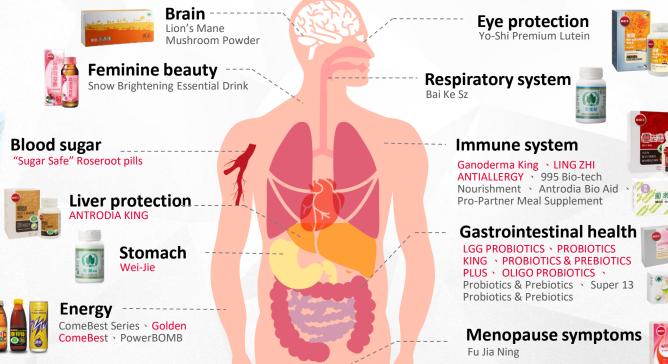


Complete Product Range



Competitive Strengths - Strong Products Capabilities

We acquired more than 52 patents and published over 20 research papers. Also, we acquired more than 10 TFDA Health Food certifications on our products.



With TFDA Health Food certifications



2017~2019 : 8 countries, 98 awards

2020/1 - 2020/3 : 3 awards



Competitive Strengths - State-of-the-Art Production Facilities

150 Liters Freeze-Dryer

50 Tons Fermentor

Shaker

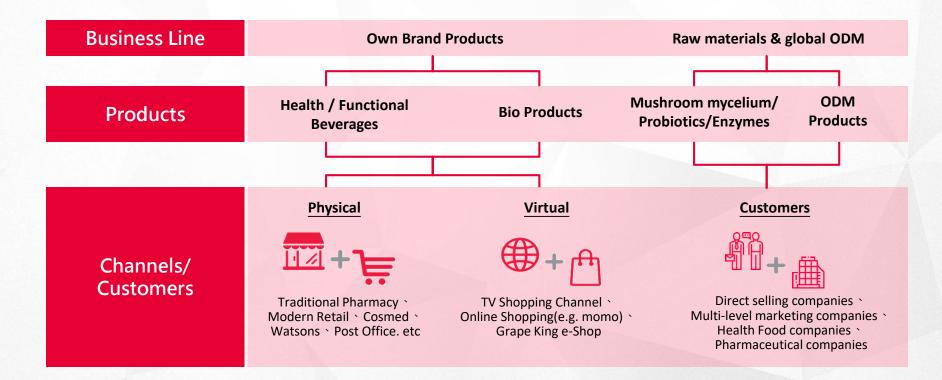
We have the largest fermentation capacity (386 tons) among all the health food companies in Asia.

Sachet Packaging Line

Glass Bottle Packaging Line

1. Grape King Taiwan

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Our best seller – ComeBest Series 33% of 2019 revenue

Our second best seller – Slim Turmeric Complex 17% of 2019 revenue

挑戰美人力 雙 向 輔 助

葡萄日

孅益薑黃

重黃草取物、綠茶草取物 米草取物、GKC6益生菌

複方膠囊

*95%高含量薑黃 X 獨家GKC6益生菌

葡萄王生技獨家研發益生菌複方薑黃 成份創新再升級。

Energy drinks that restore energy and provides necessary vitamins

Metabolism promotion and digestion/defecation improvement

Our third best seller – Probiotics King 11% of 2019 revenue

30包入 6

全面守護消化道 健康順暢每一天

益菌王

調整體質維持消化這機能 化進化器·冷靜暴影力制 壞的進不來

Improves digestion and defecation

Our fourth best seller – Antrodia King 9% of 2019 revenue

Liver protection and hangover prevention and alleviation



"

2. Pro-Partner



Pro-Partner Overview



3,690 m

1,960 m

 No. 49 in the worldwide direct selling company rankings for 2018

(Source: 2019 DSN Global 100- based on 2018 revenues)

Our best seller – Probiotics & Prebiotics 22% of 2019 revenue

Our second best seller – Bio Aid 995 16% of 2019 revenue

ADDITICE MINISTERIO

Bio Aid

Promote healthy digestive system and suppress allergy

康貝兒。

康爾喜

Post operative convalescence



Our future star – Daily Light

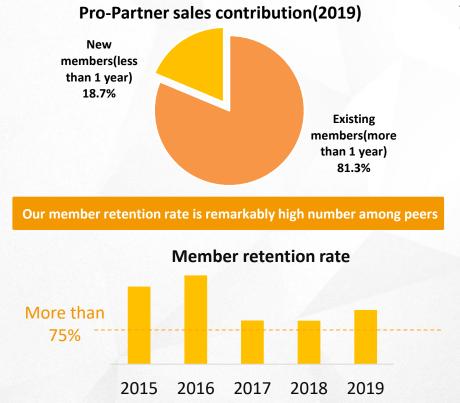
Daily Light is our new product launched in 2018 which targets weight management and is popular among our female members.

How is Pro-Partner different from other direct selling companies?



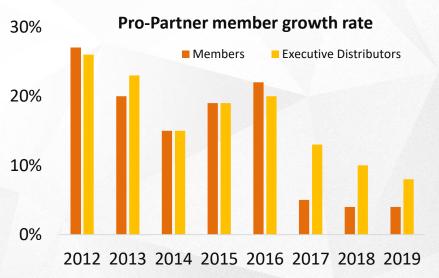
How is Pro-Partner different from other direct selling companies?

Nearly 80% of Pro-Partner's sales are contributed by old members



Healthy membership growth

The growth rate of our executive distributors are similar to the growth rate of our members in the past years. This implies that our members are proportionally promoted each year based on their contribution to the group.





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3. Grape King Shanghai



Grape King Shanghai Overview

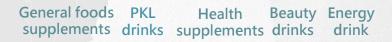
- Established in 1993, Grape King Shanghai was initially targeted as the production base for Grape King's own brand products in China.
- A change in strategy steered by the new management to an OEM/ODM model has reversed several years of losses and turned the operation profitable.
- We see tremendous growth potential for Grape King Shanghai as it continues to acquire more ODM clients locally in China.



Grape King Shanghai operating profit (Rmb m)



Product series



2000 2002 2004 2006 2008 2010 2012 2014 2016 2018



Our Goals and Strategies

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Our Group Goals

Long-term Goals

- Become a global leading herbal-and probiotics-based supplement supplier.
- Transform Grape King into a group enterprise.
- Grape King own brand, Pro-Partner, and Grape King Shanghai each to contribute 1/3 of consolidated revenue.

Med-term Goals

- Become a major herbal- and probiotics-based supplement supplier in Asia.
- Establish retail channels in China.
- China business to continue delivering double-digit growth.

Near-term Goals

- Continue to improve brand equity.
- Continue to invest in food safety measures and protection.
- Smooth ramp-up for our capacity expansion.
- Consolidated revenue to resume to double-digit growth.

Our Growth Strategies

Sustainable double-digit topline growth



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Key Objectives

Grape King Taiwan

- Brand expansion
- Market share gain
- Accelerate overseas ODM & raw materials supply businesses

Pro-Partner

- Regain growth momentum
- Accurate time to market & improve demand forecast

Grape King Shanghai

- Clients diversification
- Prepping for the probiotics boom

Levers

- Brand expansion and new channels penetration (offline & online) under company's 50-Year anniversary marketing campaign.
- Switch a new distributor to expand channel.
- Continue to research and develop new products that are suitable for the market.
- Continue to participate in overseas exhibitions and competition to promote Grape King's raw material and R&D capabilities.
- Accelerate new product launches from only 1-2 new products to 3-5 products per year.
- Improve supply chain management to ensure no supply disruption.
- KPIs implementation for timely product launches and accuracy in demand forecast.
- Cultivate 10 new customers with the potential of each contributing Rmb 10mn sales per annum
- Develop non-direct/WeChat customers
- Develop the categories of traditional supplement
- Continue to promote Grape King's product expertise in probiotics

Growing our online sales channel





Besides our existing physical retail channels, we are increasing our virtual channel penetration.

Our Virtual channel

- ✓ Grape King online store
- ✓ Online B2C stores
- TV shopping channels
- Social Media

Creative Brand Building



Grape King Antrodia King (liver protection) Stress causes high blood pressure but also harms liver

Creative Brand Building



Probiotics like a golden warrior who protects your digestion



Weight management



Healthy snacks





Oral protection



Liver protection drinks







Happiness booster

Our Capacity and Expansion Plan

Troches

Grape King Specialist Fermentation & Manufacturing Site*



Production	Monthly Capacity					
Line	2019	2020				
Capsules	7 M capsules	7 M capsules				
Fine Granule	2 M pack	2 M pack				
Liquids-Big CC	4.2 M bottles	4.2 M bottles				
Liquids-Small CC	1 M bottles	1 M bottles				
PKL	1.4 M bottles	1.4 M bottles				
PIC/S	0.8 M packs	0.8 M packs				

Production	Capacity			
Line	2019	2020		
Lactobacilli	25 tons	25 tons		
Mushroom	161.5 tons	161.5 tons		
PKL Liquids	80 tons	80 tons		

Grape King Shanghai **Headquarters**



63 M capsules

Grape King Bio-Tech Headquarter



15M pack Fine Granule 15M pack Powder 1.8M packs 1.8M packs 3Q20 Jelly foil 7.2M packs**

Research Institute

Grape King Bio-Tech

Production	Cap	pacity
Line	2019	2020
Lactobacilli	40 tons	40 tons
Mushroom	60 tons	60 tons

**Monthly capacity =30,000 packs/hr x 12 hrs/day x 20 working days/month

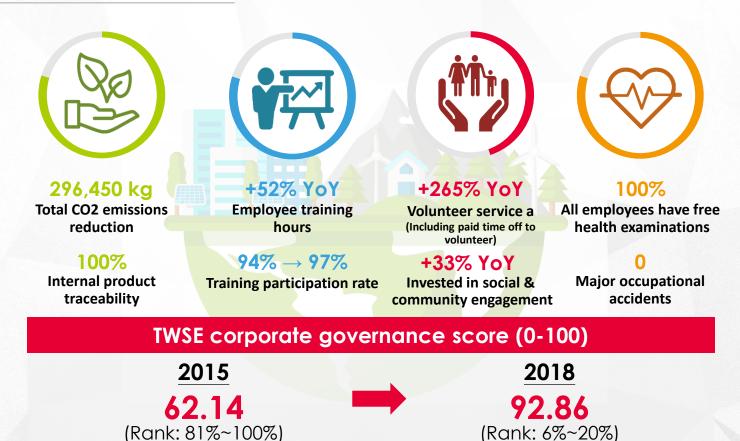


*Our Specialist Fermentation & Manufacturing Site (Zhongli plant) will relocated to Pinzhen Industrial Zone due to city development plan, expansion for PKL and different forms production line. The new plant construction is schedule to begin in the second half of 2020 with production expected to start in 2023. The relocation won't impact our operating and we expect that once the new facility is fully completed and 100% utilized, it is able to contribute additional NT\$10bn in revenue for Grape King.

63 M capsules

Our Sustainability Initiatives

2018

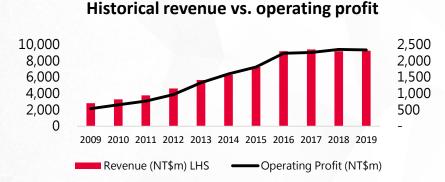




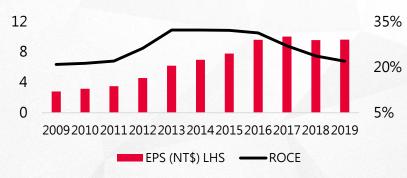
Financial Performance

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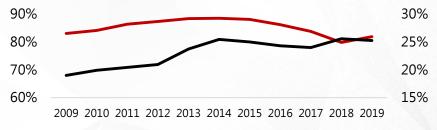
Financial Highlights



Historical EPS vs. ROCE

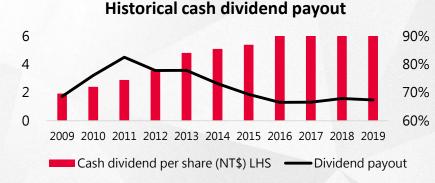


Historical gross margin vs. operating margin



----Gross margin (LHS) -----Operating margin

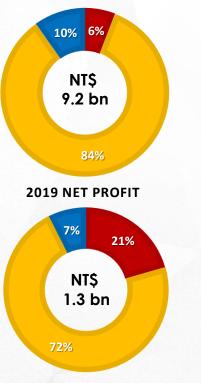
Note: The drop in gross margin is due to higher contribution from Shanghai Grape King with lower gross margin from ODM, but operating margin is around the same.



Notes: The payout ratio declined in the past three years due to capacity expansion in Taiwan and Shanghai.

Revenue Breakdown (2019 v.s. 2018)

2019 REVENUE



1.Grape King Taiwan NT\$ 538 m (+33% YoY)

Thanks to successful marketing from our online distribution channels. Also, our overseas ODM shipments increased made contributions.

2.Pro-Partner NT\$ 7,791 m (+5% YoY)

Sales momentum further improved on the back of membership growth and new product launches.

3.Grape King Shanghai NT\$ 910 m (-34% YoY)

The overall demand was still impacted by government's tightening on direct-selling industry. However, the decline in 4Q19 has significantly narrowed on a QoQ basis.

2018 REVENUE 15% NTS 9.2 bn **2018 NET PROFIT** 15% 16% NTS 1.3 bn

Five-Year Income Statement

(NT\$ m)	2014	2015	2016	2017	2018	2019	YoY (%)					
	2014		2017	2014	2015	2016	2017	2018	2019			
Revenue	6,283	7,248	9,185	9,388	9,183	9,239	11.4	15.4	26.7	2.2	(2.2)	0.6
Gross Profit	5,561	6,385	7,919	7,865	7,329	7,566	11.6	14.8	24.0	(0.7)	(6.8)	3.2
Operating Expenses	(3,961)	(4,573)	(5,685)	(5,610)	(4,979)	(5,231)	8.4	15.4	24.3	(1.3)	(11.2)	5.0
Operating Profit	1,600	1,812	2,234	2,254	2,350	2,335	20.3	13.3	23.3	0.9	4.2	(0.6)
Non Operating Income/(Loss)	89	70	78	151	77	105	(8.1)	(21.5)	11.8	92.6	(49.2)	36.8
Pretax Income	1,689	1,883	2,312	2,405	2,427	2,440	18.4	11.4	22.8	4.0	0.9	0.6
Tax Expenses	(303)	(336)	(426)	(471)	(537)	(502)	23.1	10.9	26.8	10.6	14.0	(6.5)
Minority interest	(444)	(495)	(590)	(583)	(595)	(630)	28.4	11.5	19.2	(1.3)	2.1	5.9
Net Income to Parent	942	1,052	1,297	1,352	1,295	1,309	12.8	11.6	23.3	4.3	(4.2)	1.1
Basic EPS (NT\$)	7.24	8.07	9.82	10.03	9.57	9.63	12.8	11.5	21.7	2.1	(4.6)	0.6
Key Financial Ratios (%)												
Gross Margin	88.5	88.1	86.2	83.8	79.8	81.9						
Operating Expense Ratio	63.1	63.1	61.9	59.8	54.2	56.6						
Operating Margin	25.5	25.0	24.3	24.0	25.6	25.3						
Effect Tax Rate	17.9	17.8	18.4	19.6	22.1	20.6						
Net Margin	15.0	14.5	14.1	14.4	14.1	14.2						

Five-Year Balance Sheet

(NT\$ m)	2014	2015	2016	2017	2018	2019	010		YoY	YoY (%)			
(NIŞ III)	2014	2015	2010	2017	2010	2017	2014	2015	2016	2017	2018	2019	
Total Assets	5,369	8,612	9,550	9,892	10,648	11,359	16.0	60.4	10.9	3.6	7.6	6.7	
Cash	1,374	1,433	1,899	1,920	2,050	2,146	28.6	4.3	32.6	1.1	6.8	4.7	
AR & NR	98	97	204	160	171	202	14.0	(1.9)	111.6	(21.5)	6.8	18.0	
Inventories	268	359	435	492	563	546	14.1	34.0	21.0	13.1	14.4	(2.9)	
Fixed Assets	2,068	5,597	6,084	6,355	5,927	6,454	13.6	170.6	8.7	4.5	(6.7)	8.9	
Total Liabilities	1,652	4,393	3,767	3,564	3,715	3,888	17.3	165.9	(14.3)	(5.4)	4.2	4.7	
AP & NP	128	153	198	323	262	223	45.9	19.2	29.6	63.2	(18.9)	(15.1)	
Total Borrowing	0	2,439	1,206	1,022	1,119	1,177	-	-	(50.6)	(15.2)	9.5	5.2	
Total Equity	3,717	4,220	5,783	6,328	6,933	7,471	15.4	13.5	37.1	9.4	9.6	7.8	
Key Financial Ratios (%)													
A/R Turnover Days	5.3	4.8	5.9	7.0	6.5	7.3							
Inventory Turnover Days	125.6	131.0	113.0	109.5	102.4	119.3							
A/P Turnover Days	53.9	58.6	49.9	61.6	56.8	52.2							
Cash Conversion Days	77.0	77.2	69.0	54.9	52.1	74.4							
ROE (%)	32.3	32.1	31.3	27.0	23.7	22.0							
ROA (%)	18.9	15.0	14.3	13.9	12.6	11.9							
Net debt (cash)/Equity %	(37.0)	23.9	(12.0)	(14.2)	(13.4)	(13.0)							

Dividend Payout and Capex

(NT\$ m)	2014	2015	2016	2017	2018	2019
Net profit	942	1,052	1,297	1,352	1,295	1,309
Cash dividend	690	730	862	903	883	884
DPS (NT\$)	5.3	5.6	6.4	6.7	6.5	6.5
Payout ratio	73.2%	69.4%	65.2%	66.6%	67.9%	67.4%
Cash yield	2.4%	2.6%	3.2%	2.9%	3.0%	2.9%
Сарех	187	2,635	736	772	1,116	630

Notes:

1. The big spike in capex in 2015-2017 is largely due to the investment of 1) Pro-Partner's new headquarter building, 2) the new factory and tourist factory in Pingzhen (Grape King Headquarter), 3) the new factory in Longtan (Grape King Bio-Tech Research Institute), and 4) additional production lines for Grape King Shanghai.

2. The capex for 2019 is mainly used for 1) Grape King Bio-Tech Research Institute, and 2) various upgrade and new production lines projects.

3. 2019 cash yield is calculated based on Grape King's 2020/3/11 closing share.



Appendix: Industry Trends

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Taiwan health food industry

Taiwan's health food industry is growing

Taiwan health food industry continues to be driven by consumers' increasing interest in healthier lifestyles as a cost-effective way to combat ageing and prevent modern illness.

Int Taiwan health food industry (NT\$ bn) 140 CAGR 7.5% 120 CAGR 7.5% 100 (2003-2017) 80 60 40 0 20 0 0 0 0 0

We keep gaining market share in Taiwan

We have been gaining market share in Taiwan's health food industry and we are also the industry leader in both mushroom-based supplements and probiotics.

Grape King's market share in Taiwan health food industry

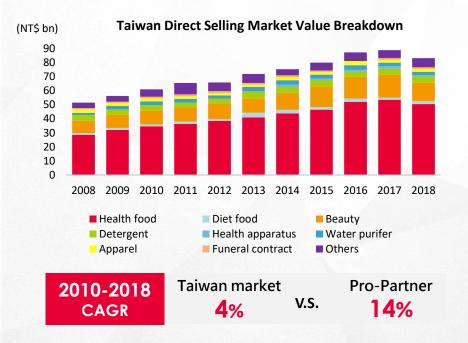
	<u>2013</u>		<u>2017</u>
Taiwan health food	4.90%	-	5.78%
Mushroom	32.06%	•	38.54%
Probiotics	13.89%	-	39.57%
Energy drink	12.23%	-	13.71%
	Source: A	C Nielsen,	Company data

Source: AC Nielsen

Taiwan direct selling industry

Health food takes up ~60% of direct selling industry in Taiwan

According to Taiwan FTC, health food takes up 60% of the direct selling market share, which shows that direct selling is an important channel for health food products.



Taiwan direct selling industry is strictly regulated with entry barrier



Sales incentive system

- 1) Reasonable product price (mark-up on pricing);
- 2) Reasonable compensation structure (distribution of profit)

Member's system

According to Taiwan's regulation, it is illegal to produce earnings by simply introducing new participants instead of engaging in promotion & selling goods or services. Companies in violation may be subject to imprisonment and/or fines.

Pro-Partner is the only domestic direct selling company in Top 10

Top 10 players have high market concentration Pro-Partner has highest sales per product among top 3 players

			Rank & Market I	Member	Sales contribution				
	TOP10		shares (%)	s ('000)	Per member (NT\$)	Per product (NT\$m)			
Å		Pro-Partner	2 (9.8%)	200	43,300	288.7			
	55%	Nu Skin	3 (5.5%)	120	40,000	21.9			
		Amway	1 (13.4%)	350	33,857	41.0			

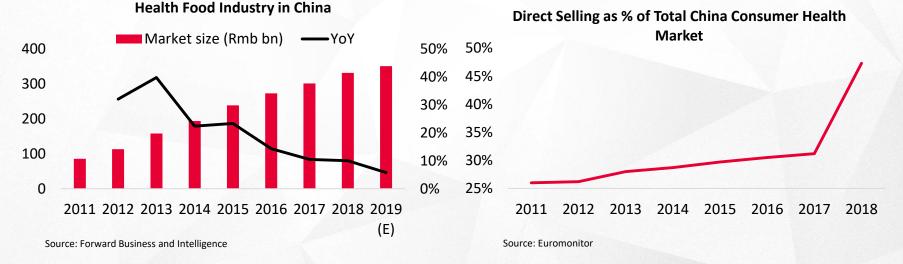
China health food industry

China's health food industry grew 21% CAGR between 2011-2018

China's health food industry mainly driven by economic growth, disposable income, and rising health awareness. The industry has been growing for the past 7 years.

China direct selling has significant growth from 2011-2018

Direct selling has become an important distribution channel as sales from direct selling has grown from 26% in 2011 to 47% in 2018.

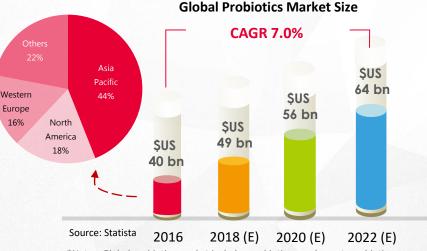


Despite the latest Administrative Measure of Health Food Registration and Filing having streamlined the certification process for vitamins and minerals, other products still need to go through the "Blue Hat" certification process by the CFDA.

China health food industry

Global probiotics market is still growing

According to Statista, global probiotics market has reached US\$40 bn with Asia Pacific region being the largest of all. The market is still increasing and is estimated to grow 7.0% CAGR between 2016-2022.



*Notes: Global probiotics market includes probiotics supplement, probiotic yoghurt, and sour milk products.

Grape King is the 7th largest distributor globally

We are ranked as the 7th largest probiotics supplement company globally, this also makes us the largest player in Greater China. Grape King is known for its capability in developing different strains of probiotics that target different health benefits.



Source: Euromonitor

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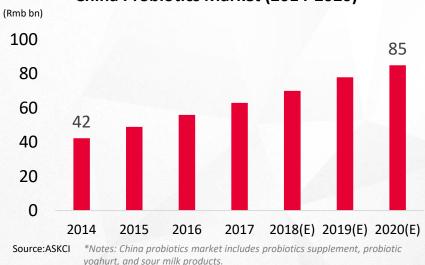
China probiotics market

China probiotics market is expected to reach Rmb 85 bn in 2020

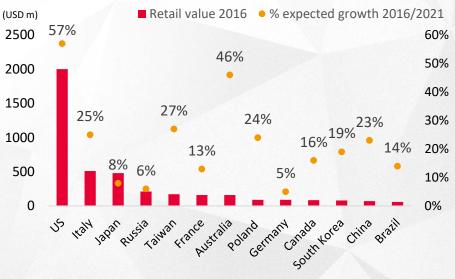
China's probiotic consumption remains at a relatively early stage and the supply is mostly dependent on import. According to ASKCI, China probiotics market is forecasted to reach RMB 85 bn dollars by 2020.

Taiwan and China probiotic supplement market are expected

According to Euromonitor, both Taiwan and China's probiotic supplement market are expected to deliver 27% and 23% of growth in 2016-2021, respectively.



China Probiotics Market (2014-2020)



Probiotics Supplements Retail Value (2016-2021)

Source: Euromonitor



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Thank You

For more information, please visit our company website at www.grapeking.com.tw



