

## TAKING NEW ZEALAND PET FOOD EXPORTS TO A BILLION

Attracting the investment needed to create a step change in pet food exports

FINAL REPORT; v1.0b; July 2021

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#### **STEERING & GUIDANCE**

This project would not have been possible without the strong guidance of our Steering Committee. In particular, we would like to thank Andrew McCallum of MBIE for his tireless energy in keeping this project on track, while at the same time pushing us forward.

We are grateful for all of the input we have received, but the report is ours and any errors are our own.

Finally, we acknowledge the support of the Ministry of Business, Innovation and Employment (MBIE), New Zealand Trade and Enterprise (NZTE) and the Ministry for Primary Industries (MPI). It is their funding that has made this report possible.

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All cross-country international trade data analysed in this report is calculated and displayed in US\$. This is done for a range of reasons:

- It is the currency most used in international trade
- It allows for cross country comparisons (e.g. vs. Denmark)
- It removes the impact of NZD exchange rate variability
- It is more comprehensible to non-NZ audiences (e.g. foreign investors)
- It is the currency in which the United Nations collects and tabulates global trade data

#### **KEY CONTACTS FOR THIS REPORT**

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FINAL REPORT July 2021

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### EXECUTIVE SUMMARY

This report "Taking New Zealand Pet Food Exports to a Billion" was commissioned by MBIE as part of the Food and Beverage Information Project. pet food was identified as a growth sector in previous "Emerging Growth Opportunities" research and also emerged from a multi-stage screen designed to identify products New Zealand could send to Britain post-Brexit.

This report is part of a wider suite of work profiling and supporting the New Zealand food and beverage industry. This report is the latest in a series of reports supporting investment into growth sectors of the New Zealand food and beverage industry. Other sectors profiled have included honey, salmon, chocolate, cherries, alcoholic spirits, blueberries, non-alcoholic beverages and ice cream.

#### WHY PET FOOD? GLOBAL DEMAND

Dog and cat numbers are growing consistently in developed countries, with animal numbers growing at around 1-2% per year. At the same time, pet numbers have skyrocketed in China, showing a 13% CAGR over the past five years. China (188m) now has more dogs and cats than the United States (163m).

Demand for pet food is growing globally. The increasing number of pet-owners are treating their pets as part of the family, demanding better quality and spending more on their companions. This "pet humanisation" trend has been growing for a while, but has been supercharged by the events surrounding COVID. Pet owners spent lockdown in close contact with their animals for extended periods of time, building stronger bonds.

Key markets for pet food are richer Western markets with high pet penetration and numbers, in particular USA, Australia and Western Europe. But strong growth is occurring in key Asian markets – particularly China - driven by growing ownership.

Historically grain based dry foods have dominated the pet food market, as they were seen as (1) more convenient, (2) cheaper to produce and (3) logistically easier. Large multinational corporations such as Nestle and Mars take the lion share of this market. Their large factories are located close to major markets (USA, Europe) or in developing countries, such as Thailand.

However, there is a clear shift to premium pet food underway in the market. Global interest in premium pet food is growing as shown by consumer interest and sales growth. At the same time, growing pet health issues such as obesity, intestinal issues, joints and mobility have put the spotlight on pet food, with many consumers seeking healthy, natural products.

Retail pet food can be split into three

broad segments: dog food, cat food and other smaller pets (birds, small mammals and reptiles). This research focuses on retail dog and cat foods.

Both dog and cat food are large segments that are predicted to continue growing. Dog food was a US\$54b category globally in 2020, growing at 4% CAGR, projected to reach \$80b by 2030. Cat food was a US\$34b category globally in 2020, growing at 4.3% CAGR, projected to reach \$50b by 2030.

Growing demand has driven growing global cross-border trade in pet food and ingredients. Global cross-border trade in pet food has shown a 7% CAGR across the last twenty years. Global cross-border trade in pet food and ingredients is being drawn in primarily by rich, developed, western countries (Europe, North America and Australasia). However, China and other East and South East Asian countries have shown strong growth in demand for imported pet food.

#### NEW ZEALAND

New Zealand's comparative advantage in meat and protein is driving growth in its pet food industry, particularly due to the availability and reliability of meat based ingredients (in particular lamb and beef) and innovation around retail ready products. New Zealand's success in pet food has three key drivers: (1) low meat production costs, (2) efficient people and systems and (3) a location close to the growth markets of Asia. New Zealand has a strong position in the global meat industry that is translating into growing pet food exports.

On land, New Zealand meat production is stable long term, with beef and chicken growing and lamb stable-to-down. New Zealand – the size of Japan with the population of Singapore – produces a significant meat surplus for export (particularly beef and sheep). Turning to the sea, wild capture seafood volumes are stable-to-declining long term, while aquaculture production is achieving modest growth. New Zealand pet food firms are also leveraging a wide range of ingredients beyond meat and seafood, such as manuka honey, kelp, blueberries and flaxseed oils. Manuka honey in particular stands out as a potential "standout" ingredient, with proven global awareness.

The New Zealand pet food industry has been a long term growth story. Firms numbers have grown from 36 in 1955 to 139 in 2020. Growth in the New Zealand pet food industry is coming from new entrants; average scale per unit is relatively flat. The industry is spread across the country, with long term growth occurring across most regions.

### EXECUTIVE SUMMARY

New Zealand produces four broad types of retail pet food products: (1) dry kibble/biscuit, (2) wet canned/roll, (3) dehydrated/freeze-dried and (4) supplements/treats. In particular, New Zealand pioneered the use of freezedrying for pet foods and this has been a standout area for export growth.

New Zealand firms are succeeding in pet food through "on trend" innovation against slow moving multinationals. Four global consumer mega-trends are driving growth and new product development in both pet food and the wider food & beverage industry.

First, New Zealand pet food firms are ontrend by making things easy and convenient for customers.

Second, New Zealand pet food firms are on-trend for lifestyle and wellness by pushing grain-free as well as high meat and "free from" products.

Third, New Zealand firms are on trend for being authentic and responsible by playing directly on historic "Brand New Zealand" hallmarks and even driving for named regional NZ ingredients. At the same time, New Zealand firms are calling out sustainable production systems.

Finally, New Zealand pet food manufacturers are on-trend for producing rich, sensory and indulgent products, particularly in the treats space.

Growth in the New Zealand retail pet food industry is being driven by exports. New Zealand export growth is coming from retail pet food; key meat-based pet food ingredients have plateaued since 2008. New Zealand exports pet food to a wide range of countries and regions.

China (34%), Australia (27%) and the US (18%) currently account for most (80%) of New Zealand's retail dog/cat pet food exports. Australia, the United States and now China have been the engines of growth for pet food exports.

The pet food industry needs to maintain and grow the Australian market, while developing opportunities in high value Asian and Western markets.

First, there are continued opportunities for growth in the regional markets of Australia and the Pacific Islands. Australian retail dog/cat pet food imports have growing volumes across growing prices leading to growing value. Thailand, Europe and the US are winning in Australia, while New Zealand is relatively flat.

Second, there are further opportunities for growth into Asian markets. Chinese retail dog/cat pet food imports have exploded in the last five years, with growing volumes, growing prices and growing value. Finally, there are opportunities for growth across the developed Anglo-European markets, particularly the UK with Brexit. British retail dog/cat pet food imports have growing volumes and growing prices, leading to growing overall import value. In addition, American retail dog/cat pet food imports have growing volumes, growing prices, and growing overall import value.

A wide range of countries suggest that New Zealand could export significantly more retail dog/cat pet food. For example, France exports nine times as much pet food as New Zealand by value. Pet food accounts for only about 6% of total meat and seafood exports.

Significant investment in new capacity is being made by export focused retailready manufacturers and New Zealand pet food firms are expanding their range.

New Zealand pet food firms are well positioned for continued success with premium pet food. This project proposes the following strategic vision for the industry: "Building on existing strengths in ingredient meat, New Zealand creates a differentiated position in premium pet food with unique New Zealand characteristics, targeting the premium end of the market leading to a billion dollar industry focused on exports." To deliver on this vision, New Zealand pet food firms need to: (1) Double-down and focus on winning where New Zealand is strong; (2) Build go-to-market execution capabilities; (3) Keep running hard and fast to stay ahead of the big guys; and (4) Fish where the fish are; focus on the US, UK, and Europe, while having a solid China strategy.

At a higher level, our recommendation is that the "NZ Inc" national strategy should be to concentrate on retail-ready pet food. In terms of "size of the prize", converting some pet ingredient exports to retail would add a minimum US\$1b in export value. To achieve this, at a national level, New Zealand needs to maintain raw materials exports and limit reinvestment, while focusing on the fast growing premium segment that plays to New Zealand's strengths. In particular, resources need to be focused on staying ahead and leading trends, intensifying R&D leading to product innovation and focusing on New Zealand's unique and defensible ingredients.

In terms of "size of the prize", converting some pet ingredient exports to retail would add a minimum US\$1b in export value. Were this scenario to come true, New Zealand would still only represent 1% of the world retail cat/dog food market with a low risk of value dilution.

### DOCUMENT STRUCTURE



### Why did the New Zealand government undertake the Food and Beverage Information Project?

#### WHAT IS THE PURPOSE OF THE FOOD AND BEVERAGE INFORMATION PROJECT?

The project pulls together the available information on the food and beverage industry into one place, in a form which is familiar and useful to business. The reports contain analysis and interpretation of trends and opportunities to materially assist with business strategy and government policy.

The information will be of vital use to businesses, investors, government, and research institutions as the industry expands and diversifies. This industry view will be very useful to government, enabling better dialogue and the opportunity to address issues collectively.

### WHAT BENEFIT WILL THIS BRING TO BUSINESSES?

The Project will have many uses for businesses. These include:

- As a base of market intelligence to enable business to be much more targeted in their own market research
- Reviewing and informing offshore market development (including export and investment) strategies
- Assisting in identifying areas of innovation and R&D for the future
- Identifying strategic partners and collaborators

- Enabling a company to benchmark performance with that of its competitors
- Monitoring industry activity
- Gaining a better understanding of their own industry sector
- Identifying internal capability needs or external inputs

### HOW WILL GOVERNMENT USE THE REPORTS?

This information will provide much greater insight into the industry, which is useful for a range of policy developments, from regulatory frameworks to investment in science and skills and facilitating access to international markets. In particular, a single source of factual information will enable government agencies to better coordinate their efforts across the system and be more responsive to addressing industry issues. The government can now understand what's what, and also, who's who.

This report is part of a wider suite of work profiling and supporting the New Zealand food and beverage industry



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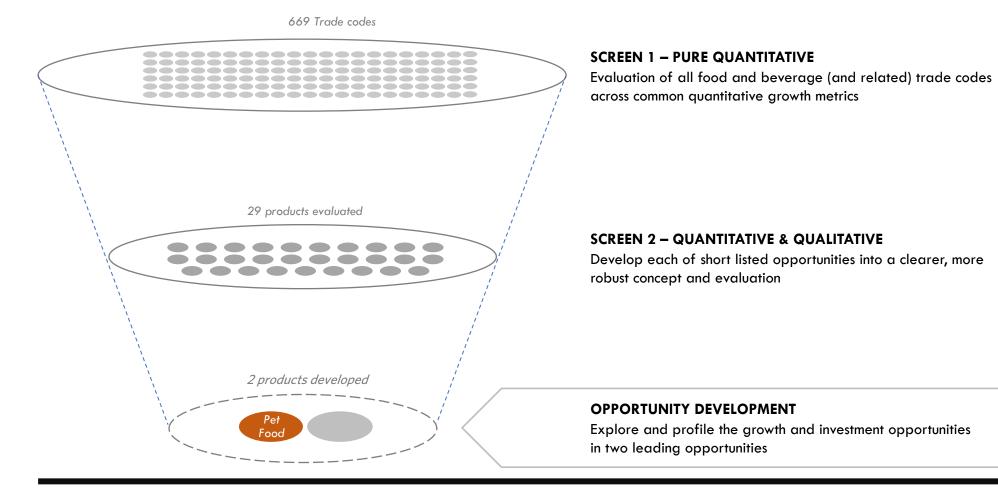
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of investment in New Zealand

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Pet Food emerged from a multi-stage screen designed to identify products New Zealand could send to Britain in a post-Brexit environment



### New Zealand's success in pet food has three key drivers



#### GREAT PLACE TO PRODUCE FOOD

Low production cost

- Temperate climate similar to Italy and France
- Temperature extremes moderated by surrounding ocean
- Isolated location protected by natural barriers
- Significant surplus of raw material ingredients



#### **EFFICIENT PEOPLE & SYSTEMS**

Trusted by consumers

- High productivity farmers and farming systems
- Long history of meat processing
- Strong focus on food safety across meat industry and wider food industry
- Pool of skilled factory operators and managers
- Strong systems and support networks
- Advanced capabilities in processing systems



#### LOCATION CLOSE TO GROWTH MARKETS

Well positioned for success

- Free trade agreement with Australia (CER\*)
- Close proximity to Australia and Asia
- Excellent market access across Asia
- NZ was the first developed country to sign a free trade deal with China (2008)

\* Closer Economic Relationship; Source: photo credit (Shutterstock; New Zealand Story; freenzphotos.com), Compac)



### New Zealand has a strong position in the global meat industry that is translating into growing pet food exports

STRENGTHS	WEAKNESSES			
- Natural environment favourable to pastoral agriculture	- Not a major grain/pulse producer			
<ul> <li>Low cost, grass fed beef and sheep production systems</li> <li>Strong biosecurity rules and systems leading to low presence of key diseases</li> <li>One of few countries able to export blood products to Asia, North America and Europe</li> <li>Market access to China driving private label manufacturing from domestic and overseas</li> <li>High standards of food safety and animal welfare</li> <li>International recognition of high quality New Zealand meat industry regulations</li> <li>135+ years experience exporting meat long distances</li> <li>Strong position in global lamb trade in counter-seasonal window to Northern Hemisphere</li> <li>Successful dairy industry generating large numbers of surplus stock</li> <li>NZ reputation for quality products and trusted supplier</li> </ul>	<ul> <li>Limited in-market knowledge, few firms close to customer/consumer, especially in growth markets of Asia</li> <li>Lack of in-market co-ordination</li> <li>Inefficient use of meat plants (declining stock numbers) and inefficient procurement of stock (competitive, not coordinated)</li> <li>Labour shortages both on farm and in processing</li> <li>Animal welfare issues around dairy calves</li> <li>Domestic and imported grain prices higher than competitors, which restricts competitiveness of pork, poultry, and other feed-dependent production systems such as dry pet food</li> <li>High cost of inputs and production costs vs competitor countries</li> <li>Increasing pressure on price of animal inputs (likely to rise further when new planned</li> </ul>			
- NZ reputation for quality products and trusted supplier	capacity comes online)			
OPPORTUNITIES	ISSUES/THREATS/RISKS			
OPPORTUNITIES     Further negotiation of high quality Free Trade Agreements with key markets (UK, USA)	ISSUES/THREATS/RISKS - Continued conversion of beef and sheep land into dairy and trees			
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# Strategy & Investment Themes

- + Strategic direction
- + Delivering product innovation
- + Expanding market penetration
- + Developing new channels
- + Reducing supply chain costs

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## New Zealand pet food firms are well positioned for continued success with premium pet food

#### STRATEGIC VISION

Building on existing strengths in ingredient meat, New Zealand creates a differentiated position in premium pet food with unique New Zealand characteristics, targeting the premium end of the market leading to a billion dollar industry focused on exports



New Zealand firms are succeeding in pet food through "on trend" innovation against slow moving multinationals

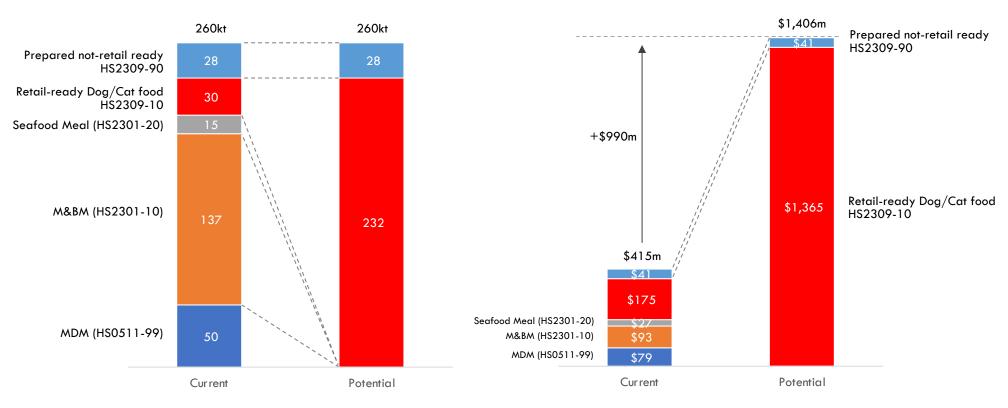
EMERGING NEW ZEALAND LEADERS		- HISTORICAL GLOBAL LEADERS -			
Using air/freeze drying for pet food	Unique, signature NZ ingredients (e.g. King salmon, brushtail)	Fast moving startups		Grain based	Highly processed
Pushing "complete & balanced" and "prey diet"	Premium, high meat formulations	Adding NZ nutraceuticals (e.g. green-lipped mussel, manuka honey)		Slower moving	Multinationals
Lamb as a headline ingredient	Grass-fed, free- range and sustainable	Online and alternative channels		Traditional sales channels	Cheap, lowest cost formulations

On-trend Changing the rules of the game Embracing the "humanisation" of animals Playing to New Zealand's strengths Playing catch-up The same old playbook Struggling in a changing world Not embracing New Zealand's strengths At a higher level, our recommendation is that the "NZ Inc" national strategy should be to concentrate on retail-ready pet food



In terms of "size of the prize", converting some pet ingredient exports to retail would add a minimum US\$1b in export value

MODEL: WHAT IS THE VALUE OF CONVERTING ALL MEAT & MEALS EXPORT VOLUME TO RETAIL READY \*?



VOLUME

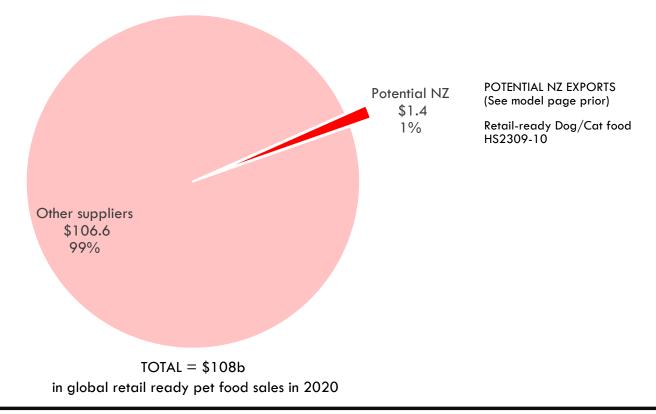
#### <u>VALUE (US\$)</u>

\* Offal, veges, etc. will add more value in finished volume; MDM = Mechanically Deboned Meat; M&BM = Meat and Bone Meal; Source: UN Comtrade; Coriolis classification and analysis

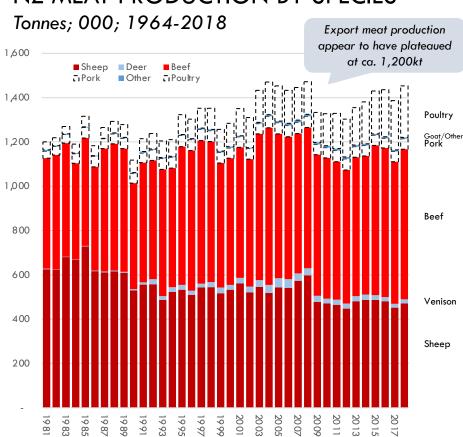
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Were this scenario to come true, New Zealand would still only represent 1% of the world retail cat/dog food market with a low risk of value dilution

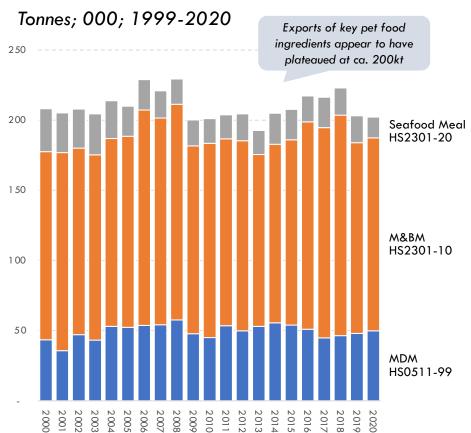
MODEL: NZ SHARE OF GLOBAL RETAIL-READY PET FOOD UNDER SCENARIO US\$; b; 2020 vs. model (presented earlier)



### 1. Maintain raw materials exports but do not reinvest



### NZ MEAT PRODUCTION BY SPECIES

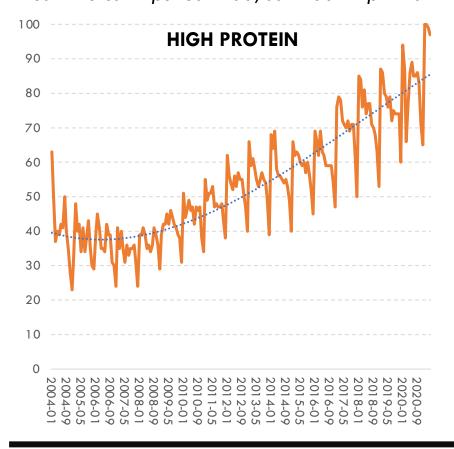


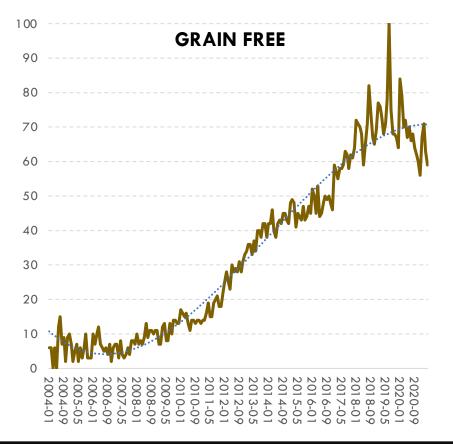
### NZ PET FOOD INGRED. EXPORT VOLUME

Note: MDM volume 2010-2020 uses global receipts rather than NZ exports (due to data suppression issues); some countries estimated for 2020; Source: Ministry of Primary Industries; UN FAO Agstat database; UN Comtrade; Coriolis estimates and analysis

### 2. Stay ahead and lead trends

#### RELATIVE INDEX OF GOOGLE WORLDWIDE TREND SEARCH INTEREST Peak interest in period=100; Jan 2004-April 2021





Source: Google Trends

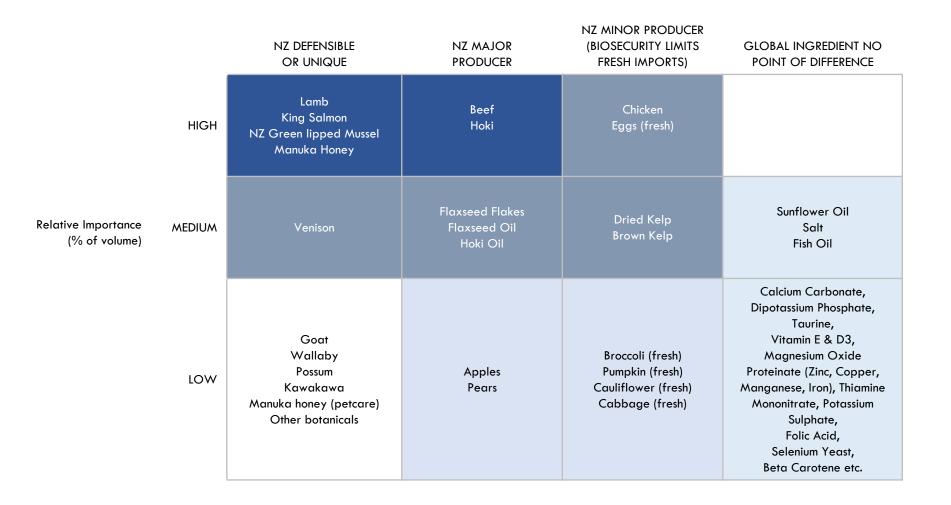
3. Intensify R&D leading to product innovation

EXAMPLE: FIRMS OFFERING CONTRACT MANUF. FOR PET FOODS WITH FREEZE DRYING CAPABILITY Location; 2020

EXAMPLE Where innovation is occurring in freeze dried food processing and pre-freeze-drying



### 4. Focus on unique & defensible ingredients



# The World of Pet Food

- + Drivers of growth
- + Global situation
- + Key markets
- + Key competitors



### Why is pet food growing?

"The global pet food industry is expanding rapidly on account of the rising empathy towards pets which is leading to their increased adoption... The increasing rate of pet ownership worldwide, especially across the developing regions is anticipated to be one of the primary drivers of the market. The rising urbanization and pet humanization is encouraging the pet owners to opt for nutritious and quality food for their pets, which is further boosting the growth of the market. Rising per capita income of the consumer is motivating them to spend on healthy and organic food products for pet animals to aid their health."

> FORTUNE BUSINESS INSIGHT

"On account of rapid urbanization and increasing disposable incomes in [developing] regions, there has been a rise in dog ownership rates. This factor has provided an impetus to the growth of the market." "Globally, pet humanization has received a lot of attention in mainstream media over the recent past. The shift from pet ownership to pet parenting has been a very crucial and defining trend in the pet food market, more so in the developed countries... As a part of this pet humanization trend, nowadays, pets are considered a part of the family. The growing bond between pet owners and their pets shapes consumers' willingness to spend more on pet food."

#### Mordor Intelligence

"Pet refinement/humanization influencing the purchasing decisions, changing consumers' perception towards pet health, changing demographics, and increasing product differentiation are the key drivers for the market growth. Over the years' pet owners have shown a growing trend to imbue their pets with human characteristics and have become more concerned about their pet's health and safety. A survey conducted by the American Veterinary Medical Association found that expenditure towards veterinary care and pet health care has seen a 40% rise in recent years. This is due to the growing humananimal bond, which defines consumers' willingness to spend for their pets."



DATA

### There is a shift to premium pet food underway in the market

"Pet owners are becoming more aware of the dietary requirements of their dogs, owing to which the demand for better quality dog food products has escalated. In addition, numerous cases of diabetes, high blood pressure and arthritis have been reported in dogs across the globe. As a result, veterinarians have started recommending low-calorie dog food to the owners, thereby prompting manufacturers to expand their product offerings."

"The global dog food market is currently being driven by increasing awareness among dog owners about the need to feed their pet with quality nutritional food and concern for the health of their pets. Increasing consumer awareness of natural and organic pet food products has forced manufacturers to shift their focus from synthetic products to natural products, which has been one of the major forces affecting the global dog food market."

#### imarc

"Due to the rising pet humanization trend worldwide, there is a growing interest of pet owners over their pet health and nutrition, which in turn is expected to boost the sales of organic, premium, and custom-made products... Consumers are now becoming aware of their pet's health and are buying pet food rich in nutritional value for the betterment of their beloved pets. Nowadays, pet owners are not just looking for basic food products but also for pet consumables that are... natural or have specific health benefits..."



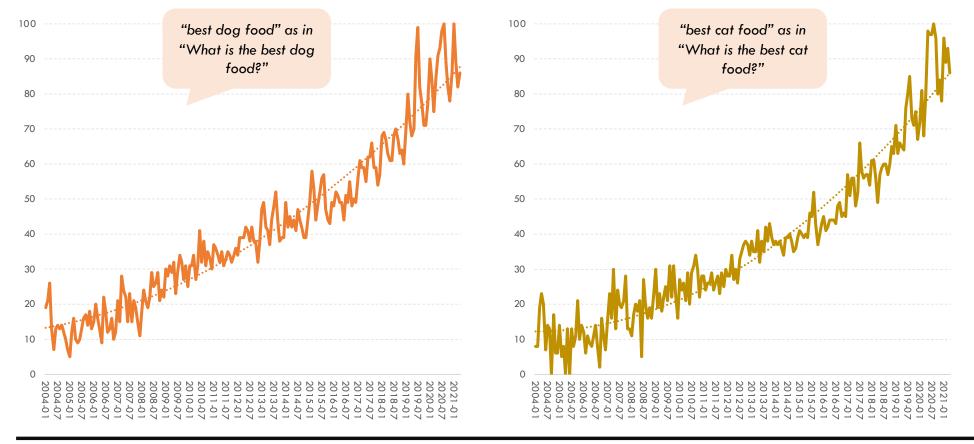
"Premiumized and natural pet food is becoming increasingly popular as they are mainly formulated by using high quality and natural ingredients and are also free from preservative ingredients. The demand for pet food with proactive and functional ingredients is on the rise as they offer several health benefits."





Global interest in premium pet food ("the best") is growing

#### 17Y WORLDWIDE GOOGLE TRENDS SEARCH INTEREST INDEX OVER TIME\* Relative index; 2004-2021



NOTE: Numbers represent search interest relative to the highest point on the chart for the given region and time. A value of 100 is the peak popularity for the term. A value of 50 means that the term is half as popular. Source: Google Trends; Coriolis analysis

Dog and cat numbers are growing consistently in developed countries and skyrocketing in China

## NUMBER OF DOGS & CATS AS PETS IN HOUSEHOLDS: SELECT COUNTRIES Animals; m; 2015-2020



Source: Euromonitor; Coriolis analysis

CORIOLIS 27

Total spending on dogs and cats continues to grow, particularly in China

## DOG & CAT FOOD MARKET VALUE: SELECT COUNTRIES US\$; m; 2006-2025f



Source: Euromonitor; Coriolis analysis

CORIOLIS 28

### China – in particular – has a rapidly growing pet food market

"The growth in the middle-class section, rapidly growing urbanization, growing numbers of elderly, and people getting married and having children later than before are factors transforming China into a pet-owning and loving society. Pet humanization is on the rise in China, owing to the changes in people's lifestyles. The increasing pet ownership among younger generations, in particular, is influenced by social media and the adoption of the western lifestyle." "Chinese Millennials are the driving force behind this booming market... [Y]oung Millennials under 30 accounted for 45.2% of total pet owners in China in 2019... Different from their older-generation counterparts who seek simple companionship, Millennials consider themselves caring parents to their pets. In fact, this emerging young segment sees animal welfare as a top priority.. Not only do these "young parents" devote a significant amount of time to their pets, they are also willing to spend money on products to ensure that they are well fed and healthy."

#### Mordor Intelligence

"Firstly, there is a new change in the concept of keeping pets. Indeed, with the increasing disposable income, city residents are more likely to spend money on their pets. Secondly, more pet owners have to work so that they don't have time to take care of their pets and cook for them as was usual in China's customs. Pet food is a very excellent choice for them because of the advantage of convenience and safety. Thirdly, the increasingly intense market competition makes the price of pet food more affordable. Last but not the least, Government regulation of keeping pets has kind of relaxed. As a result, the number of families that have a pet has steadily increased."



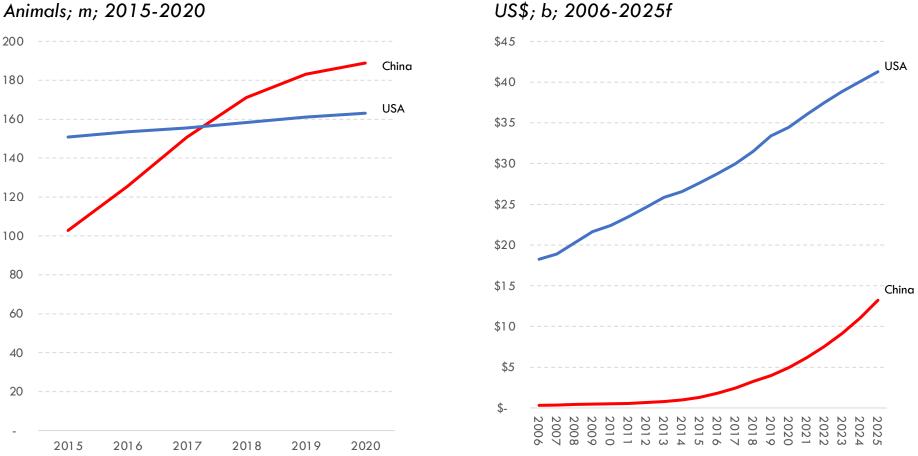
"Nearly 90 percent of the dog and cat owners are women, and half have a bachelor's degree or above. The majority of Chinese pet owners belong to the post-1980 or post-1990 generations, who are now in their 20s or 30s... Nearly 60 percent of owners treat their pets as their kids... Many also say that pets are child, friend and family member all rolled into one."





Comparing the United States with China suggests additional growth in China is likely

DOG & CAT FOOD MARKET VALUE

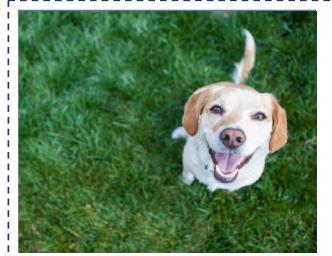


NUMBER OF DOGS & CATS AS PETS Animals; m; 2015-2020

Source: Euromonitor; Coriolis analysis

CORIOLIS 30

### Retail pet food can be split into three broad segments



#### DOG FOOD

Range of sizes

- Wide range of animal sizes
- Food needs vary dramatically by breed and lifestyle (apartment vs. working farm dog)
- Segmentation is typically by breed/size

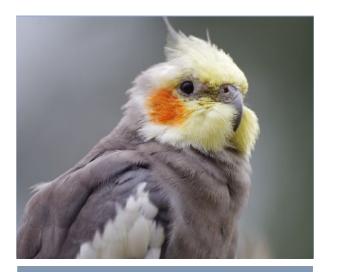
FOCUS OF THIS RESEARCH



#### CAT FOOD

#### Relatively constant size

- Narrow range of animal sizes
- Relatively uniform food needs
- Segmentation is typically life stage (e.g. kitten)



#### OTHER PET FOOD

Smaller pets Typically caged

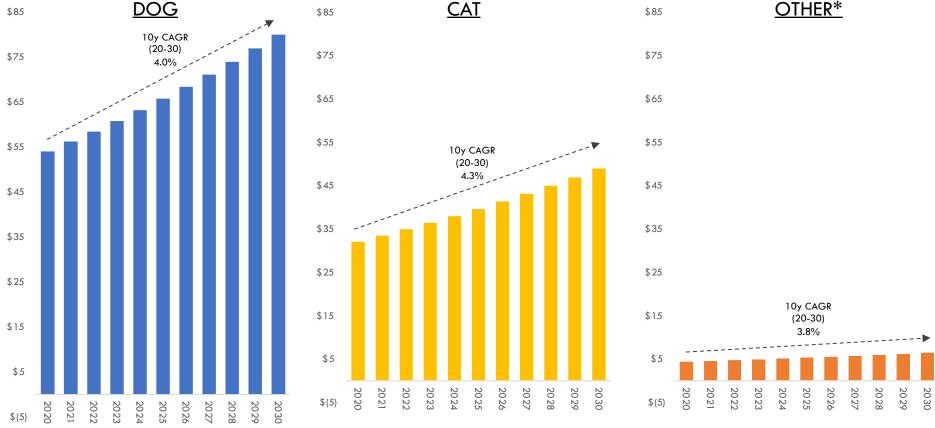
- Primarily birds, small mammals and small reptiles; excludes horses and other livestock
- Small body size limits overall food needs or food consumption
- Segmentation is by species

Source: photo credit (Shutterstock; Wikimedia Commons; Pixabay); various published articles; Coriolis analysis

CORIOLIS () 31

## Both dog and cat food are large segments that are predicted to continue growing

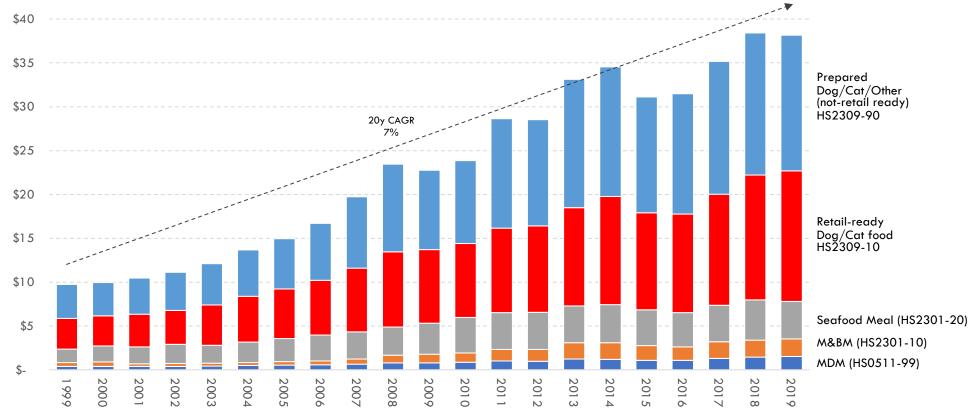
GLOBAL PET FOOD MARKET SIZE BY SEGMENT US\$; b; 2020-2030f \$85 DOG \$85 CAT



\* Primarily birds, small mammals and small reptiles; excludes horses and other livestock; Source: EMR; Mordor; iMarc; Coriolis analysis and estimates

### Growing demand has driven growing global cross-border trade in pet food and ingredients

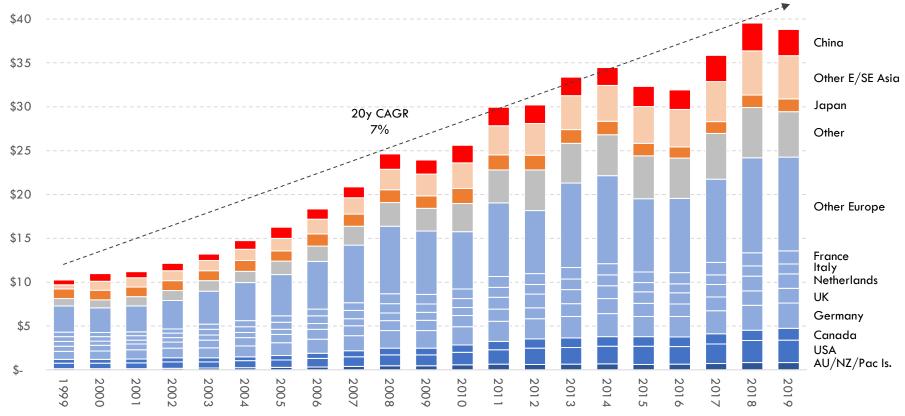
GLOBAL PET FOOD & KEY INGREDIENTS EXPORT VALUE BY PRODUCT US\$; b; FOB; trade codes;1999-2019



CORIOLIS

Global cross-border trade in pet food and ingredients is being drawn in primarily by rich, developed, western countries

## GLOBAL IMPORT VALUE BY RECEIVING COUNTRY/REGION US\$; b; CIF; 1999-2019



CIF = Cost insurance and Freight; E/SE = East South East; Pac Is = Pacific Islands; Note: 2020 not yet available in Comtrade for all countries; Source: UN Comtrade; Coriolis classification and analysis; Uses trade codes for retail ready pet food, prepared pet food, seafood meal, M&BM and MDM

CORIOLIS

# New Zealand Pet Food Industry

+ Production

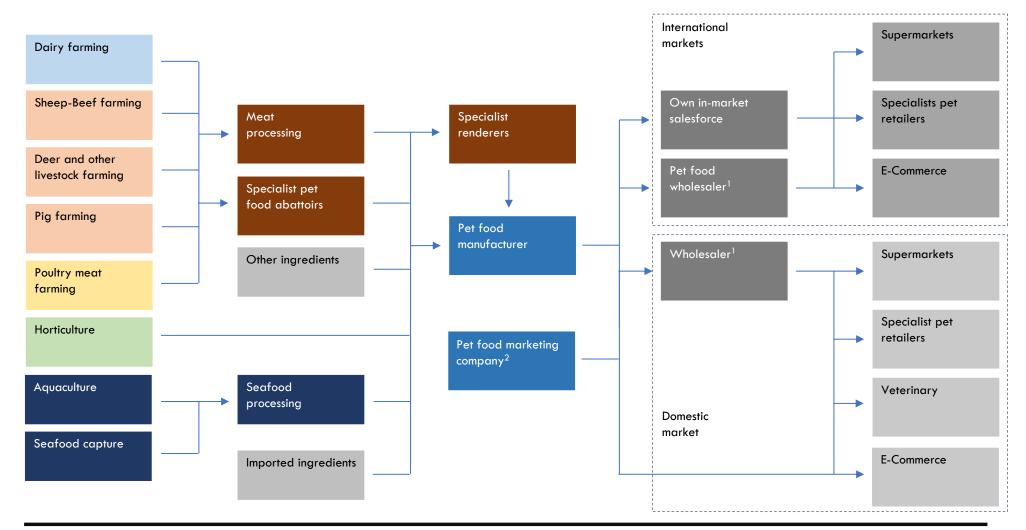
+ Supply chain

+ Regional activity

+ Operations

+ Megatrends

### The New Zealand pet food industry has a relatively straight forward supply chain that delivers to consumers worldwide



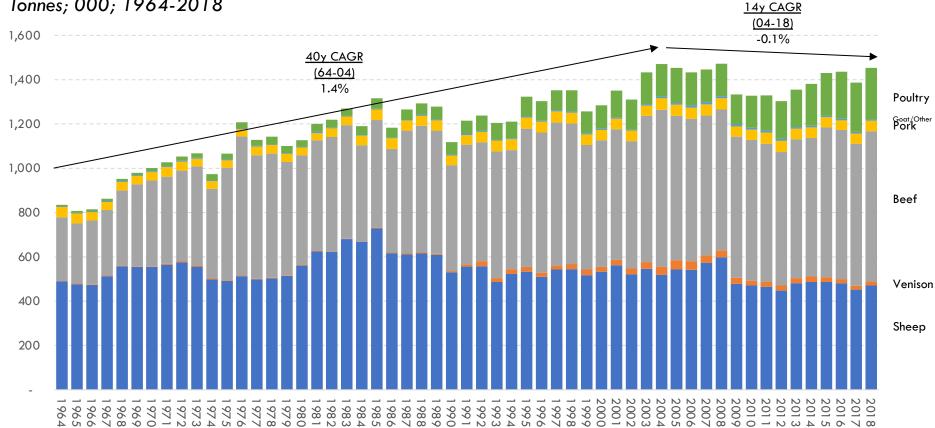
1. There may be one or more layers of wholesaling, depending on product or market; some wholesale functions may be captive inside retailers or foodservice operators; 2. Brand and sales company using third party manufacturing and distribution; Source: Coriolis

CORIOLIS

### A large number of firms participate across the pet food supply chain



New Zealand meat production is stable long term, with beef and chicken growing and lamb stable-to-down

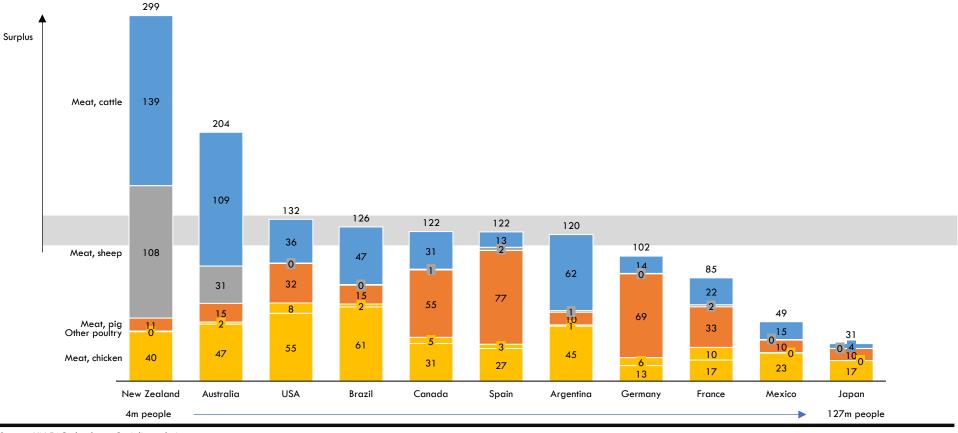


### TOTAL NEW ZEALAD MEAT PRODUCTION BY SPECIES Tonnes; 000; 1964-2018

Source: Ministry of Primary Industries; UN FAO Agstat database; Coriolis analysis

New Zealand – the size of Japan with the population of Singapore – produces a significant meat surplus for export (particularly beef and sheep)

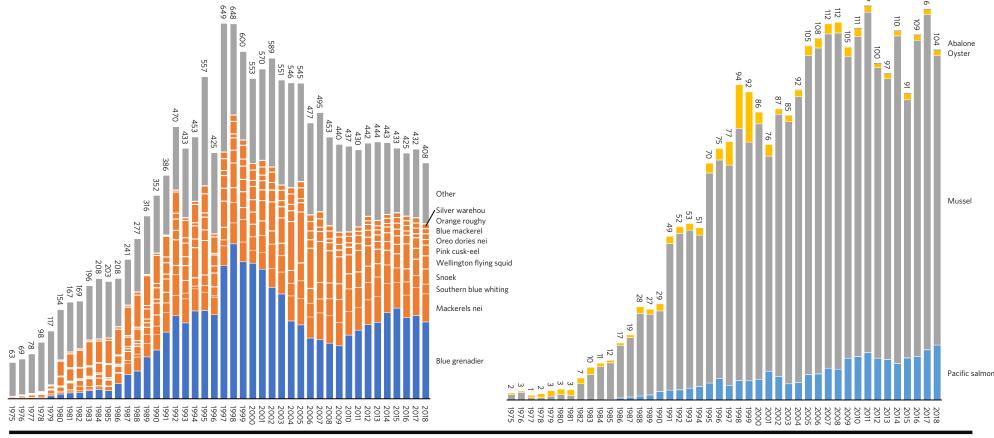
MEAT PRODUCTION PER PERSON (BEFORE TRADE): NZ VS. SELECT PEER GROUP Kilograms/person; 2014



Source: UN FAO database; Coriolis analysis

SEA: New Zealand Wild capture seafood volumes are stable-to-declining long term, while aquaculture production is achieving modest growth depending on time frame

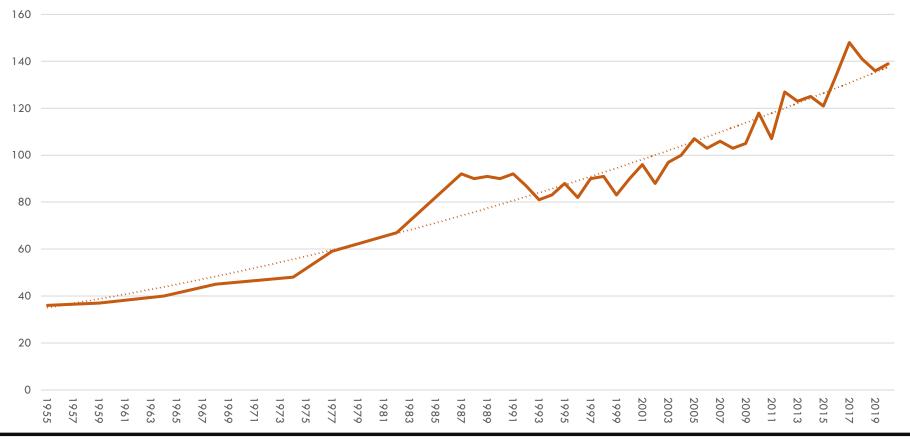
TOTAL WILD CAPTURE BY SPECIES/GROUPTOTAL AQUACULTURE PROD. BY SPECIESNZ; Tonnes; 000; 1975-2018NZ; Tonnes; 000; 1975-2018



Source: UN FAO FishStat database; MFish/MAF/MPI; Coriolis analysis

The New Zealand pet food industry has been a long term growth story

## NUMBER OF PET FOOD/ANIMAL FEED MANUFACTURERS IN NEW ZEALAND *Firms;* 1955-2020



Source: Department of Statistics; Statistics NZ; Coriolis estimates and analysis

## The number of firms entering the market significantly has increased over the last few years

	SELECT EXAMPLES		
		Gourmate Pet Treat Co	
		Genius Pet Food	
		Real Pet Food Company	
		Dairy Nutraceuticals	
		Tuakau Pet Foods	
		Bark Bag	
		Animal Instinct/Feed My Furbaby	
		Arcadian New Zealand	
		Best Mates Petfood Co	
		BHJ New Zealand	
	Azure Group	Brodie's Dogcare	
	Newflands	Pet-Nutrients NZ	
	Biophive	Pure Petfoods NZ	
	Wilbur Ellis NZ	KiwiPetProducts	
	Sunday Pets	Hungry Pet New Zealand	
Natural Pet Food Group	Otago Petfoods	New Origin NZ	
Addiction Foods NZ	Earthz Pet	Waikato Petfoods	
Merit Meats (Huntaway)	Forde's Petfood	Olive's Kitchen	
Fond Foods (2007)		The NZ Natural Pet Food Company	
AC Petfoods (2007) Ltd	NRG Plus	Animals Like Us	
AC remotas (2007) Ela	The Pet Brands Co	Bowls & Bowls	
	GoodNozePet Cuisine	KC Pet	
FourFlax	Pest Pro NZ (Out of the Wild)	King Country Pet Food NZ	
Zealandia	Pet Nutrition New Zealand	Contract Freeze Dry NZ	
Raw Pawz	Pasture Petfoods	The Raw Dog Food Company	
2006-2010	2011-2015	2016-2020	

Increasing demand for pet food has seen traditional protein companies enter the market, adding additional value to by-product



- Progressive Meat Co-owned by group of meat companies (joint ownership)
- Formed Pasture Petfoods 2011
- Source protein from Co-owned meat companies and other large NZ firms
- Bespoke and integrated production services to pet food industry – export licenses to USA and China

MAJOR FIRMS INVESTING



- Alliance forms JV with Scales Corp 2019 and acquires 50% of Meator Foods pet food business for \$15m
- Provides direct access to attractive and growing global pet food market (plants in Whakatu and Dunedin)
- 100,000 MT sold each year
- Meateor Foods founded 1995
- Alliance founded 1948



- NZKS launch pet food range in FY16
- Source salmon from their Marlborough farms







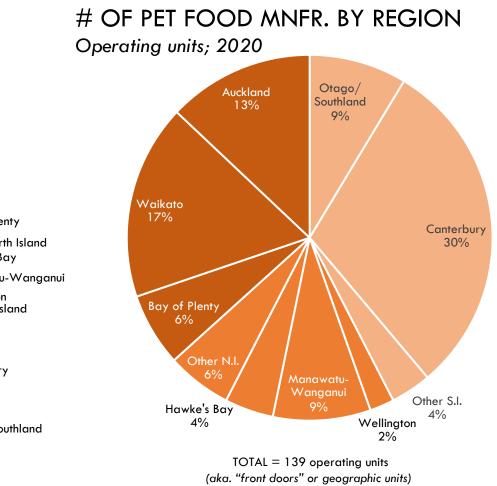
Firms participating in the New Zealand pet food manufacturing industry can be broadly segmented into five groups



The industry is spread across the country, with long term growth occurring across most regions

Operating units; 2000-2020 140 Auckland 120 Waikato 100 **Bay of Plenty** Other North Island 80 Hawke's Bay Manawatu-Wanganui Wellington 60 Other S. Island 40 Canterbury 20 Otago/Southland  $\begin{array}{c} 201 \ 4\\ 201 \ 3\\ 201 \ 2\\ 201 \ 2\\ 200 \ 6\\ 200 \ 7\\ 200 \ 6\\ 200 \ 5\\ 200 \ 4\\ 200 \ 3\\ 200 \ 4\\ 200 \ 3\\ 200 \ 4\\ 200 \ 3\\ 200 \ 4\\ 200 \ 3\\ 200 \ 4\\ 200 \ 3\\ 200 \ 4\\ 200 \ 3\\ 200 \ 4\\ 200 \ 3\\ 200 \ 4\\ 200 \ 3\\ 200 \ 4\\ 200 \ 3\\ 200 \ 4\\ 200 \ 3\\ 200 \ 4\\ 200 \ 3\\ 200 \ 4\\ 200 \ 3\\ 200 \ 4\\ 200 \$ 20] 202 2 0

# OF PET FOOD MNFR. BY REGION



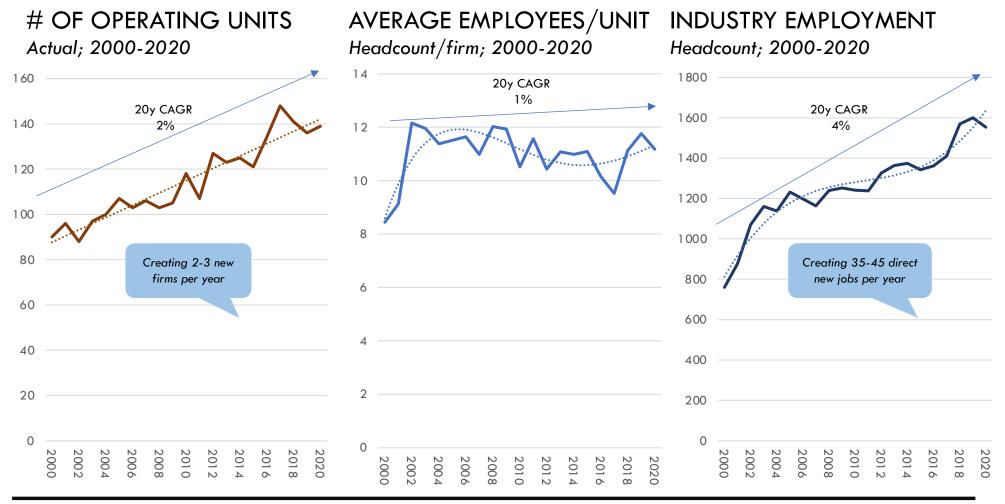
Source: Statistics NZ; Coriolis classification and analysis

New Zealand's pet food companies are spread across the country



NOTE: Select firms only

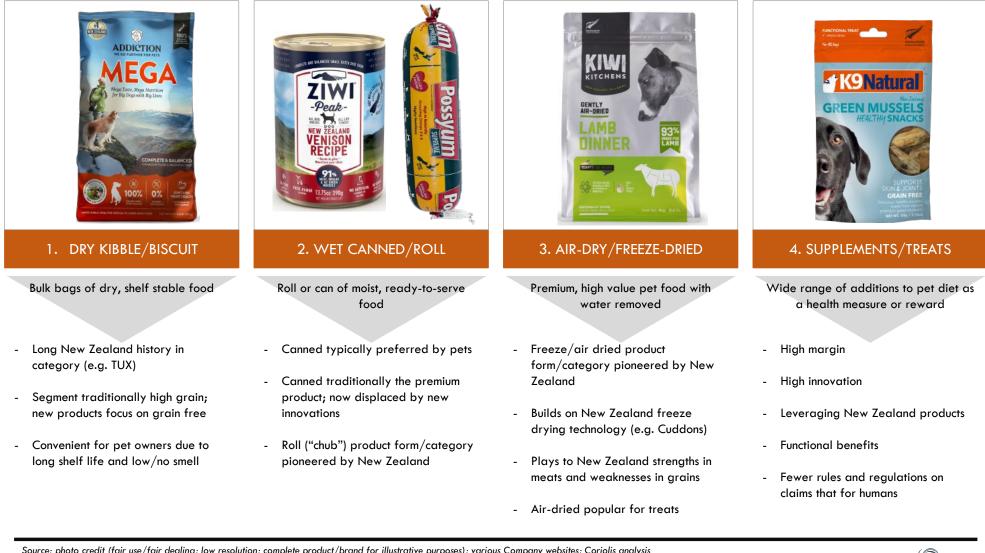
Growth in the New Zealand pet food industry is coming from new entrants; average scale per unit is relatively flat



Source: Statistics NZ; Coriolis analysis, modelling and classification

CORIOLIS () 47

### New Zealand produces four broad types of retail pet food products

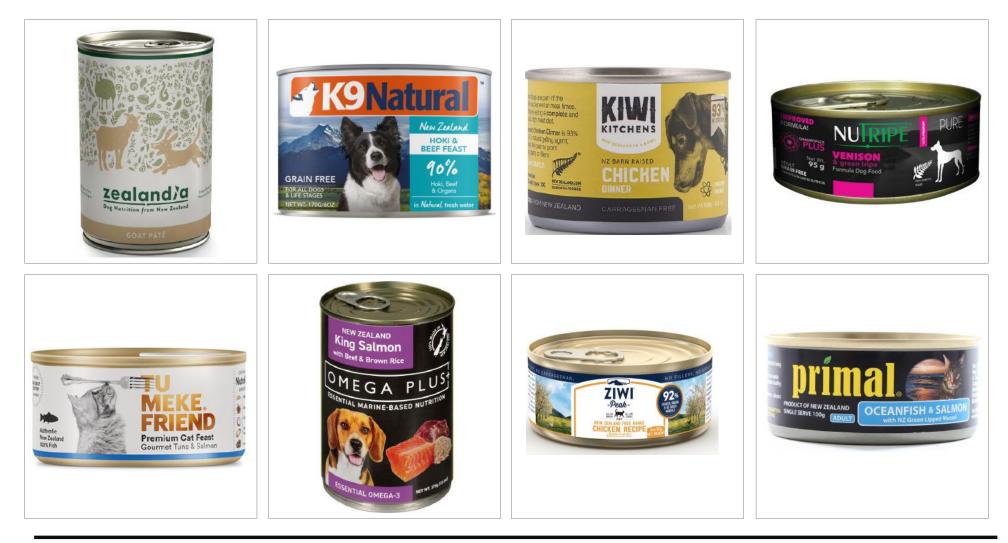




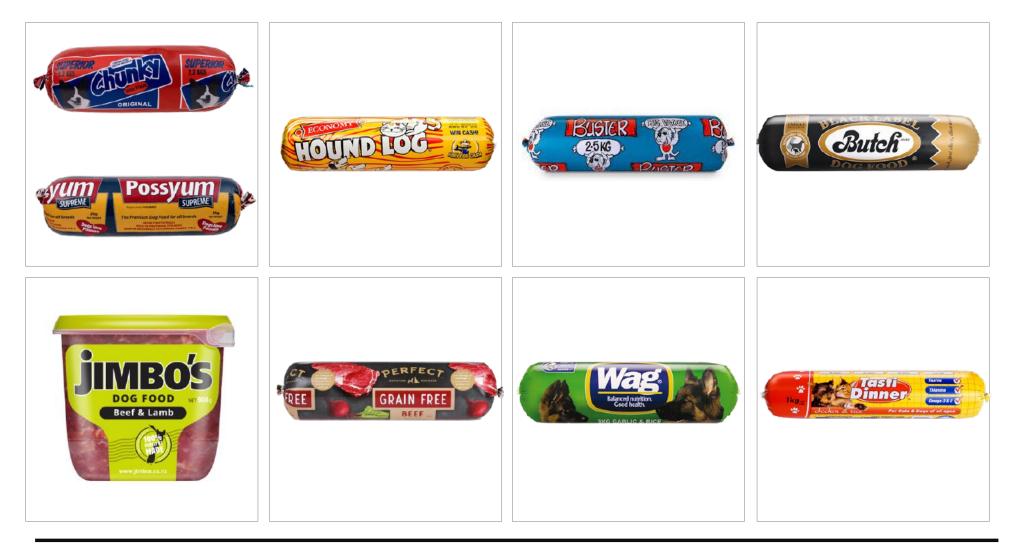
## **1. DRY KIBBLE/BISCUIT** New Zealand makes a range of dry kibble or biscuit pet foods (high meat content)



### 2. WET CANNED New Zealand makes a range of wet canned pet food...

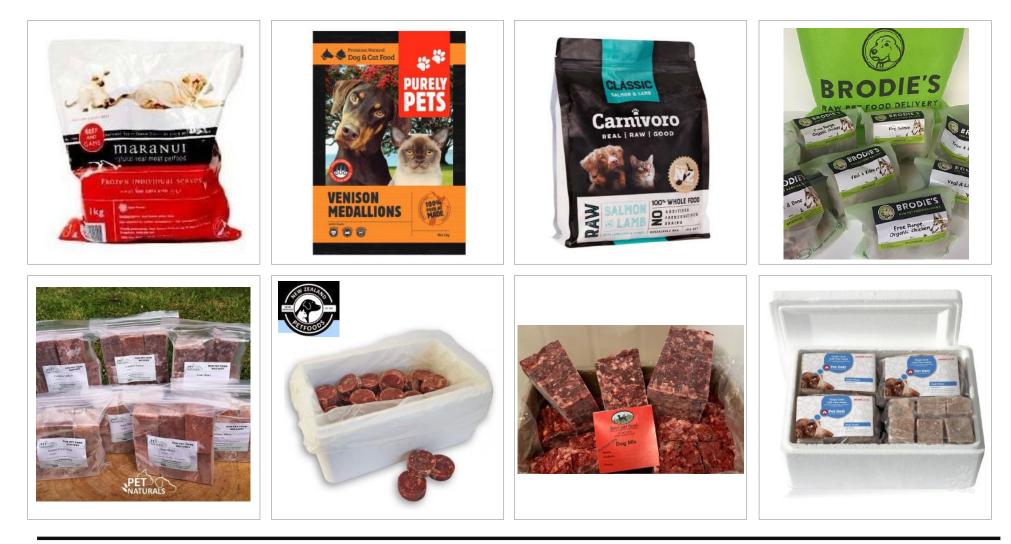


... and pioneered wet "rolls" and "pottle"-type pet food products...



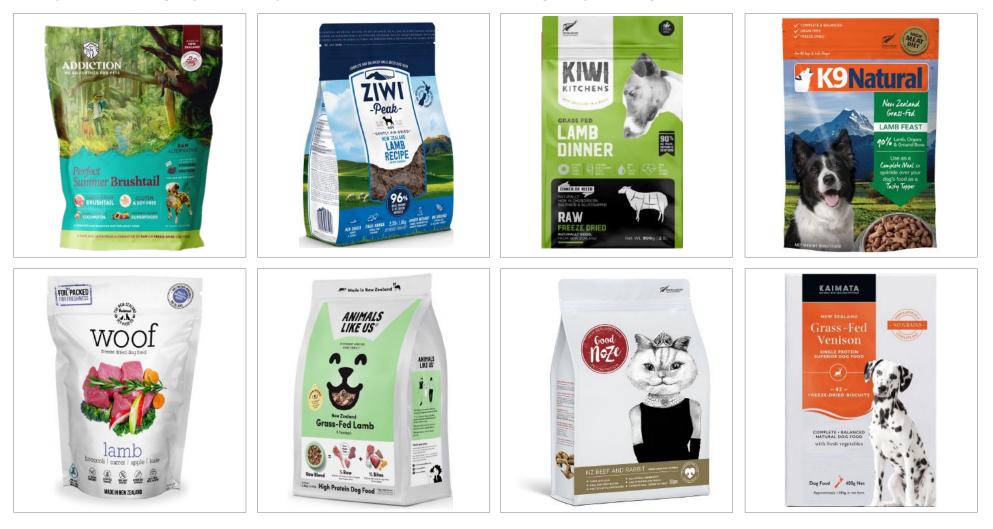
Source: photo credit (fair use/fair dealing; low resolution; complete product/brand for illustrative purposes); various Company websites; Coriolis analysis

... and now has a number of emerging innovators in the meat block segment

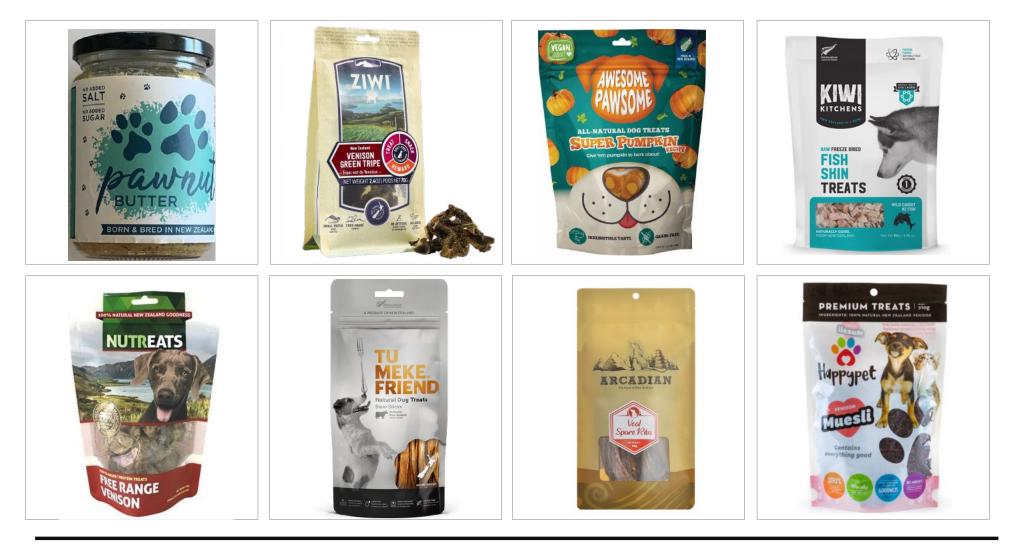


Source: photo credit (fair use/fair dealing; low resolution; complete product/brand for illustrative purposes); various Company websites; Coriolis analysis

## **3.** AIR-DRIED/FREEZE-DRIED New Zealand pioneered raw air-dried, and is significantly growing the use of freeze-drying for pet foods

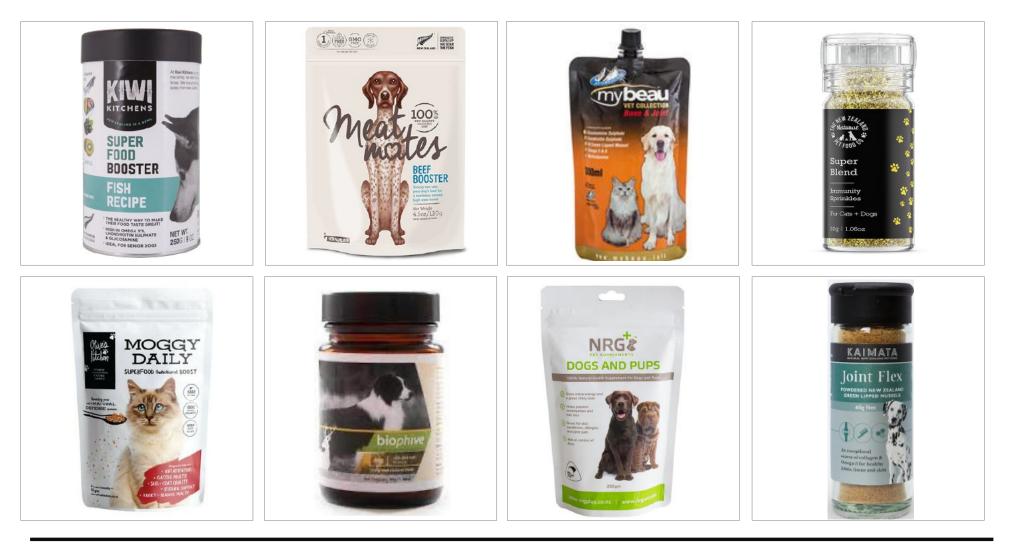


### 4. TREATS New Zealand makes a range of pet treats



Source: photo credit (fair use/fair dealing; low resolution; complete product/brand for illustrative purposes); various Company websites; Coriolis analysis

## 4. SUPPLEMENTS ... and supplements and boosters



## ...including a number of products that leverage strong existing categories into pet versions



Source: photo credit (fair use/fair dealing; low resolution; complete product/brand for illustrative purposes); various Company websites; Coriolis analysis

Firms are leveraging New Zealand's strong reputation in dairy by adding "New Zealand Milk" products to their range



Manuka honey in particular is a potential "standout" ingredient, with proven global awareness with multiple firms now using it



SINGLE INGREDIENT





CORE INGREDIENT

INGREDIENT

New Zealand has an excellent range of sustainable meats and products available to pet food manufacturers – some are unique to New Zealand



Unique to New Zealand

New Zealand pet food firms are leveraging a wide range of ingredients beyond meat and seafood



Brushtail with ground bone, Lamb Green Tripe, Lamb Heart, Lamb Liver, Lamb Kidney, Kelp, New Zealand Green Mussel, Honey, Rosemary, Coconut Oil, Hoki Oil, Taurine, Choline Chloride, Zinc Amino Acid Complex, Iron Amino Acid Complex, Copper Amino Acid Complex, Vitamin B1 (Thiamine Mononitrate), Manganese Amino Acid Complex, Salt



Lamb, Chicken, Fish, Lamb Liver, Lamb Heart, Lamb Kidney, Dried Blueberries, Dried Cranberries, Dried Papaya, Dried Kelp, Peas, Tapioca, Potato, Flaxseed, Fish Oil, Turmeric,

Chamomile, Green Tea Extract, Rosemary Extract, Spearmint Extract, Peppermint, Wild Honey, Probiotics, Taurine, Brewers Dried Yeast, Vitamins and Minerals and Natural Antioxidant.



### NutraRich"

A Superfood Diet by Tu Meke Friend from New Zealand, Oceania An enriched blend of NZ & Oceania superfoods. We add a unique blend of nutrients, antioxidants, vitamins, minerals to our premium food to assist with your pet's health and well-being.





New Zealand pet food firms are leveraging New Zealand's position as a leading producer of deer



- No antibiotics, gluten, grain or added hormones
- 100% New Zealand venison
- Sustainably sourced













New Zealand firms are extending strengths in both unique-NZ ingredients and nutraceuticals to pet nutraceuticals and petcare products





**Freeze-Dried Green** Lipped Mussel, Bio-Active Deer Velvet, Calcium and Stag Blood.

Bio-Active Deer Velvet & Freeze-Dried Red Ginseng

Freeze-Dried Green Lipped Mussel, Shark Cartilage & Red Ginseng

Bio-Active Deer Velvet.

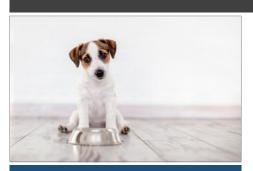
Formulated with processed Freeze-Dried Bio-Active Deer Velvet, Freeze-Dried Green Lipped Mussel, Eel & Red Ginseng.

#### DENTALFLEX

Bio-Active Deer Velvet. Manuka Hydrosol, NZ Propolis, Manuka Honey

### Four global consumer mega-trends are driving growth and new product development in both pet food and the wider food & beverage industry

FOUR CONSUMER FOOD & BEVERAGE MEGA-TRENDS



#### EASY & CONVENIENT

I am trying to achieve work-life balance and need quick-and-easy meal solutions

- Dramatic increase in female participation in the workforce globally
- Consumers working longer hours to maintain relative income
- Work hours no longer just "9 to 5"; food needs at all times (e.g. night shift)
- Significant rise in e-commerce
- May represent a need for an immediate solution (e.g. thirst, hunger)
- May represent an easy solution to a future challenge (e.g. single serves for pets snack)



#### LIFESTYLE & WELLNESS

I am concerned about my pets wellness and am trying to live a positive lifestyle

- Mid-high income countries experiencing an aging population
- Spread of Western lifestyle and Western diseases of affluence (e.g. diabetes in pets)
- Ongoing waves of media hype around fad diets and new "superfoods"
- Food presented and viewed as both the problem and the solution
- COVID amplifying and accelerating existing trends
- May be addressing specific conditions (e.g. oats to lower cholesterol)
- May target a specific pet member (e.g. older dog)
- May reflect wider worldview
- Pets as member of the family

#### AUTHENTIC & RESPONSIBLE

I am mindful of where my food comes from and how it is produced

- Dramatic global shift to city living; 1800=3%, 1900=14%, 2015=50%; developed nations 75%+; 400 cities 1m+
- Loss of attachment to the land and food production – growth of artisan and craft
- Ongoing "rights revolution", fair trade to direct trade
- Ongoing waves of food scares around food quality, contamination, additives
- May target specific foods perceived as high risk, unethical or visible (e.g. palm oil)
- May target a specific family member (e.g. mother dog)



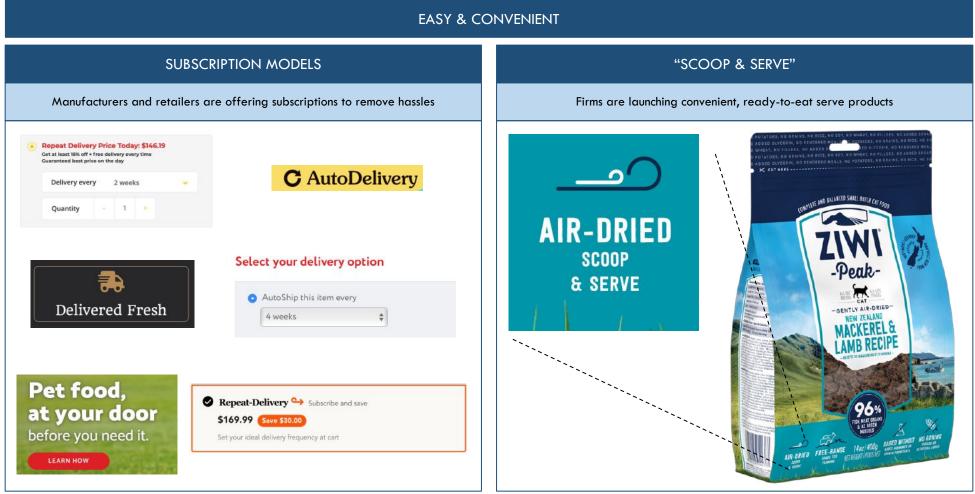
#### SENSORY & INDULGENT

I like to indulge in rich and sumptuous living beyond the bare necessities

- Growing income polarisation into "haves and have-nots"
- Strong emerging trend to premium (and discount) at the expense of the mid-market
- Emerging middle class across developing world driving consumption growth
- Incredible power of food and beverages in many social settings
- May range from "everyday luxury" to an occasional "treat"
- May be used to demonstrate social status, taste or style
- Gifting culture in Asia around premium, luxury items



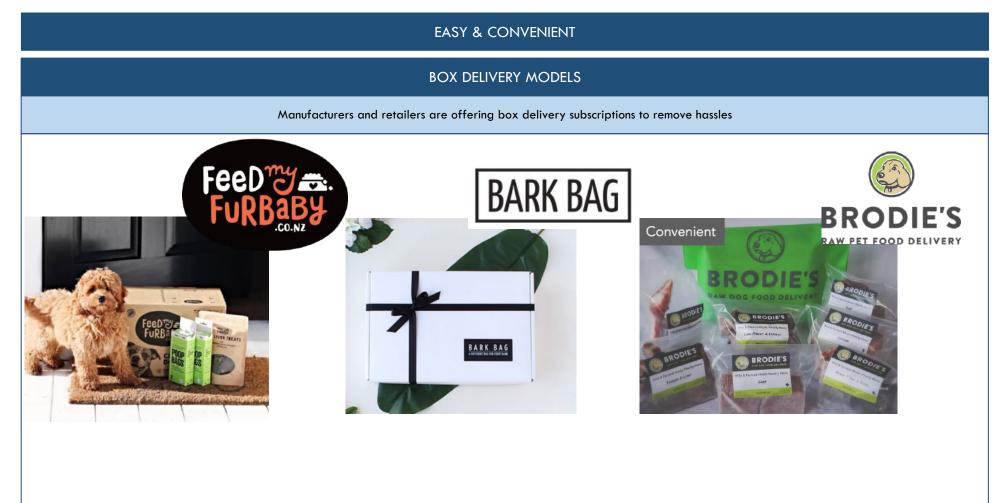
# First, New Zealand pet food firms are on-trend for making things easy and convenient for customers



Source: photo credit (fair use/fair dealing; low resolution; complete product/brand for illustrative purposes); various Company websites; Coriolis analysis

CORIOLIS 64

## Premium customised food boxes are delivered direct to your door

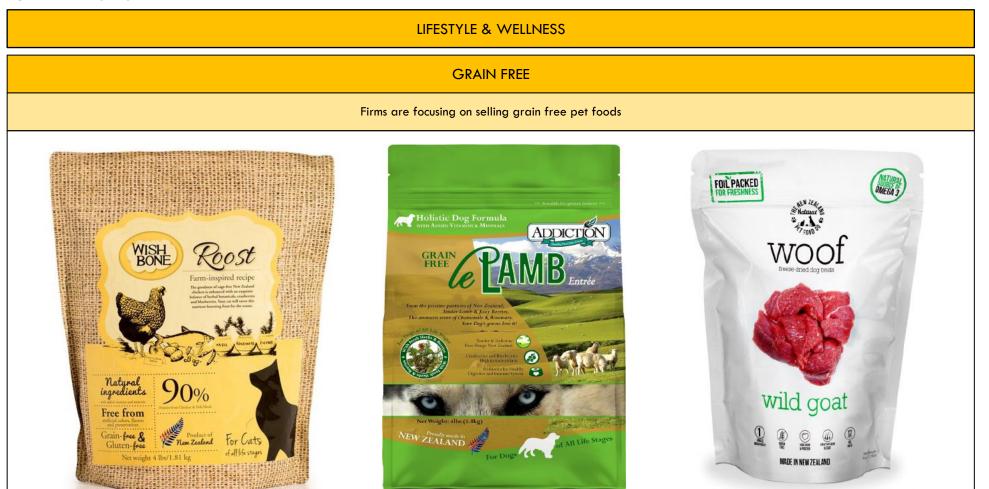






## Second, New Zealand pet food firms are on-trend for pushing grain-free...







## Addiction, in particular, are producing natural, high meat, grain-free complete meals with function benefits



LIFESTYLE & WELLNESS

FUNCTIONAL FOODS

Focus on functional benefits targeting a health condition





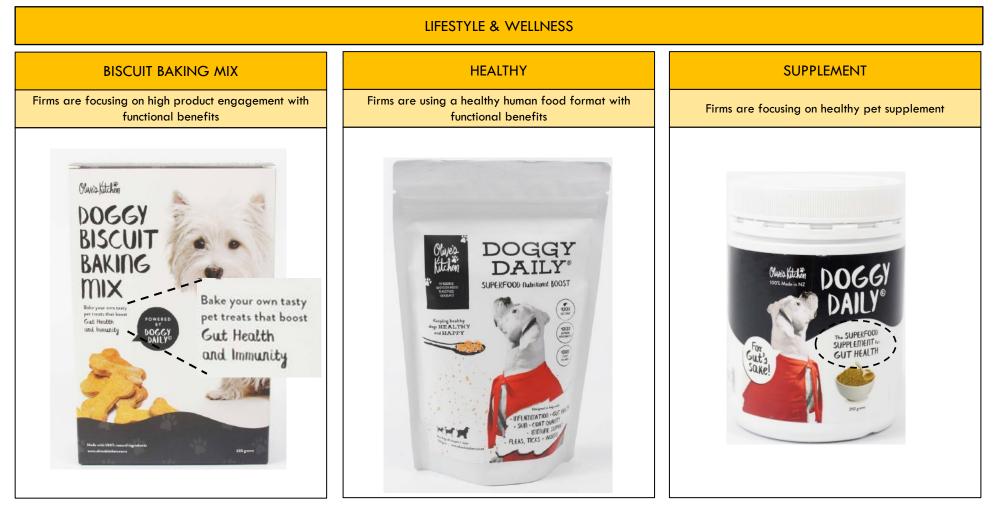


... as well as high meat and "free from" products LIFESTYLE & WELLNESS LOW/NO/FREE FROM **HIGH MEAT** Firms are removing or replacing certain ingredients Firms are focusing on high meat product formulations **GRAIN FREE** APPENDIX APP GMO FREE PRESERVATIVE FREE CAGE FREE Z BEEF RECIPE 4 K9Natura



## ... "Humanisation" is on trend where pet food takes on human healthy food characteristics e.g. Olive's Kitchen range







### Third, New Zealand firms are playing directly on historic "Brand New Zealand" hallmarks (cows, mountains)...

AUTHENTIC & RESPONSIBLE

NEW ZEALAND MADE

Firms are positioning with classic New Zealand hallmarks





"Just replace the cow with a dog for us and we're done"



### ... and even driving for named regional NZ ingredients

AUTHENTIC & RESPONSIBLE

#### PROVENANCE/SPECIFIC REGIONS OF NEW ZEALAND

Firms are highlighting ingredients from specific New Zealand regions









AUTHENTIC & RESPONSIBLE

SUSTAINABLE PRODUCTION SYSTEMS

Firms are highlighting the sustainable nature of the product and production process





# Free-range, grass-fed and sustainable seafood are prominent call-outs on pack



CORIOLIS 73

#### Firms are reducing waste by upcycling food products for pet food



**AUTHENTIC & RESPONSIBLE** UPCYLCED INPUTS Firms are reducing food waste by upcycling WPCYCLED déjà wouldn't be possible without our amazing supermarket partners helping "PERFECT Deli Fresh dog rolls are helping to reduce food waste by us rescue good food from landfill. At the end of each day, they place unsold upcycling unwanted deli and butchery meats collected from our local meat into déjà compostable bags and safely freeze it ...we take it to a New Zealand supermarkets, and turning them into healthy, quality, safe

dog rolls. Nutritious pet food helping fight food waste through sustainable upcycling."

human-grade facility in Auckland (FOODBOWL) where it's made it into grain free, pure meat pet treats. All packed in home compostable, resealable bags to keep them delish for your Dalmatian. Bon-a-pet-treat.





AUTHENTIC & RESPONSIBLE

SUSTAINABLE PACKAGING SYSTEMS

Firms are highlighting the sustainable nature of their packaging

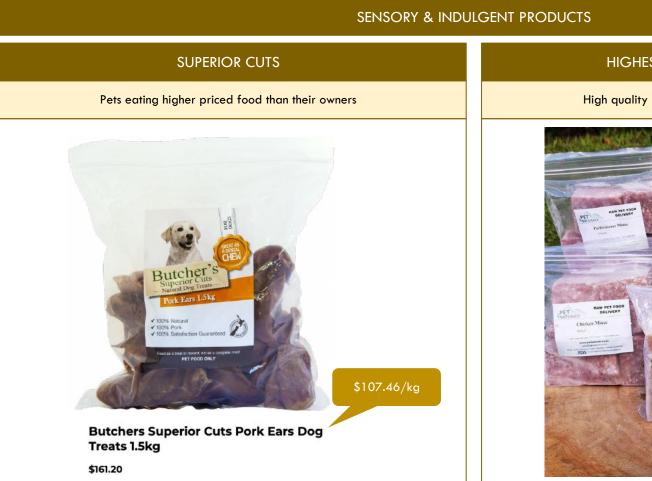






### Finally, New Zealand pet food manufacturers are on-trend for producing rich, sensory and indulgent products...





#### HIGHEST QUALITY/FRESHEST/BEST

High quality raw pure protein from multiple species



### ... particularly in the treats space, where foods are becoming more humanised



SENSORY & INDULGENT PRODUCTS

HUMAN TREATS NOW FOR ANIMALS

Pets eating the same type of treats as their owners







## New Zealand pet food marketers are delivering on products delivering all four mega-trends in a package



"Freeze dried" "500g"



LIFESTYLE & WELLNESS

"100% Complete and balanced"

"Our recipes are made without Grain, Wheat, Gluten, GMO Ingredients, Corn, Soy, Cereals, Dairy, Rice, Potato and all other fillers"

"No artificial preservative or flavours"

"Omega 3 fatty acids, EPA & DHA from King Salmon are important nutrients supporting healthy brain and eye development"

"provide the the rich and nourishing proteins and fats need to give your dog a natural source of energy to thrive"

"...assist a dog's natural antiinflammatory responses and support healthy skin, coat & joints







AUTHENTIC & RESPONSIBLE

"New Zealand wholesome ingredients"

"Made in New Zealand – the freshest place on earth"

"... our grass fed meat"

"made from grass fed free range meats, cage free chicken or sustainably caught fish"



SENSORY & INDULGENT

"Feast"

"Tasty topper"

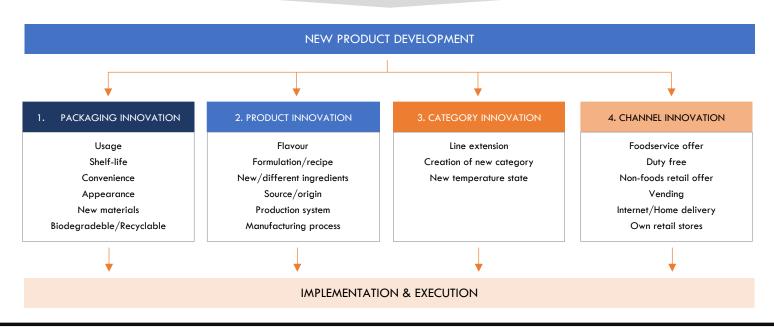
"Rich"

- "Meal boost"
- "High meat diet"

CORIOLIS 78

These trends drive new product development, through (1) packaging, (2) product, (3) category and (4) channel innovation





### New Zealand pet food firms are well positioned to execute on and continue to deliver many key food and beverage trends to pet food customers

CORIOLIS FOOD & BEVERAGE TRENDSCOPE<sup>SM</sup>

TIME SAVING	FAST	EASY OPEN	SOCIAL	INSTA READY	PICTURESQUE
HASSLE FREE	SIMPLIFIES	EASY	REWARDS	FARM TOUR	FUN
	CONVENIENCE	RANGE	CONNECTIONS	INVOLVEMENT	ARTISAN
SOLUTIONS	READY TO COOK	READY TO EAT/USE	HAND CRAFTED	SMALL BATCH	SENSORY
	REUSABLE	STORY TELLING	AUTHENTIC	CELLAR DOOR	AGED
	RICH FLAVOUR	SPECIAL EDITION	TRADITIONAL	RESPONSIBLE	FAMILY OWNED
	PROMOTED	SPONSOR	CERTIFIED	HEIRLOOM	FAIR TRADE
	PREMIUM	ADVERTISED	PROTECTED	STEWARDSHIP	TRADE AID
	AWARD WINNING	"ESTATE" GROWN	LIFE CYCLE	TRACEABLE	ETHICAL
QUALITY	EXPENSIVE	RARE/UNIQUE	SOCIALLY AWARE	INDIGENOUS	FREE RANGE
LOW FAT	LOW CARB	TRUSTED	LOCAL	NATIVE CROPS	GRASS FED
PROTEIN	FREE FROM	NO HORMONES	LOW INPUT	CARBON ZERO	EARTH FRIENDLY
NUTRACEUTICAL	HEALTH	NATURAL	ECOLOGICAL	SUSTAINABLE	LOW WATER USE
THERAPEUTIC	CHEMICAL FREE	PLANT BASED	BEE FRIENDLY	NITROGEN FIXING	ORGANIC
	WELLNESS	PALEO/KETO	RENEWABLE	BIODYNAMIC	REGENERATIVE

Optional extras

# Key Markets for NZ Pet Food

+ Market strategy

+ Growth

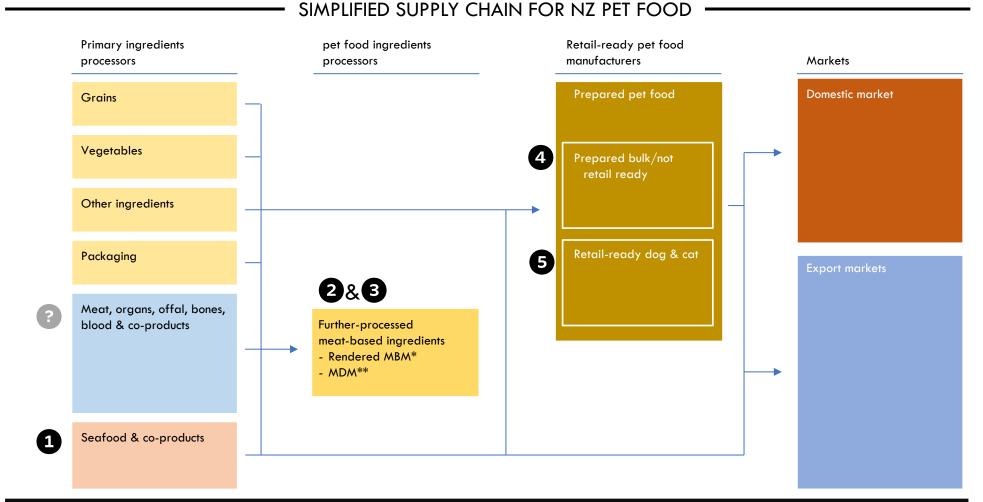
+ Market mix

+ Market share

+ Opportunities

04

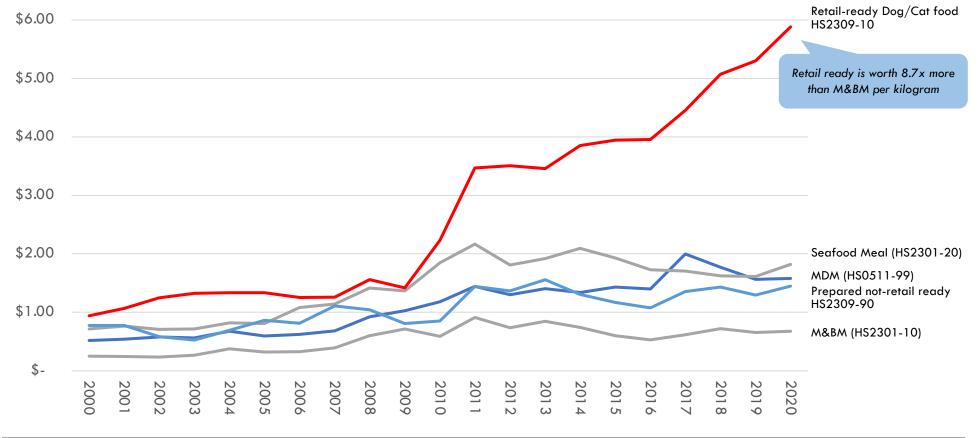
# NZ exports five classes of pet food product; some unmeasured amount of meat and offal exports will also end up in pet food



\*MBM = Meat and Bone Meal; \*\*MDM = Mechanically Deboned Meat;

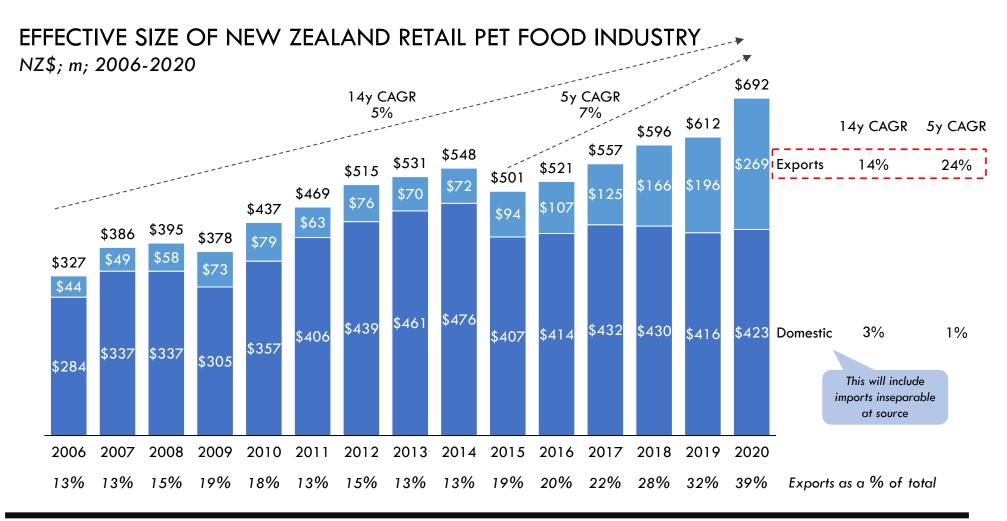
Only retail-ready dog/cat food is achieving significant and material price increases through adding value

NEW ZEALAND PET FOOD & KEY INGREDIENTS AVERAGE EXPORT VALUE BY PRODUCT US\$/kilogram; FOB; 1999-2019



Note: 2020 not yet available in Comtrade for all countries; Source: UN Comtrade; Coriolis classification and analysis

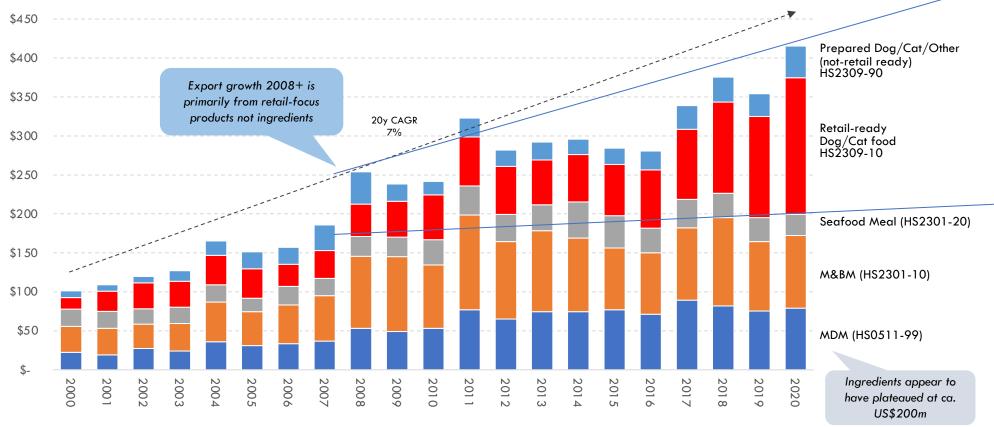
Growth in the New Zealand retail pet food industry is being driven by exports



Source: StatsNZ (Infoshare); Euromonitor; Coriolis analysis

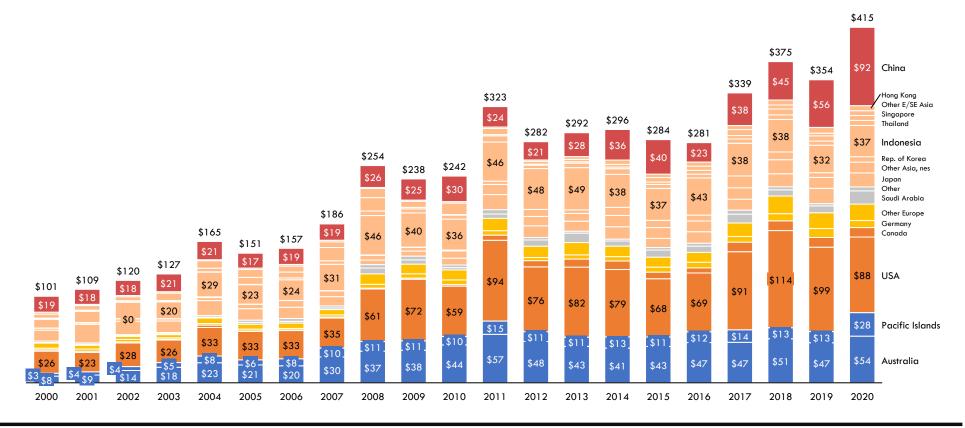
New Zealand export growth is coming from retail pet food; key meat-based pet food ingredients have plateaued since 08

NEW ZEALAND PET FOOD & KEY INGREDIENTS EXPORT VALUE BY PRODUCT US\$; m; FOB; 1999-2019



New Zealand exports pet food and key pet food ingredients to a wide range of countries and regions

NEW ZEALAND PET FOOD & KEY INGREDIENTS EXPORT VALUE BY PRODUCT US\$; m; FOB; 2000-2020



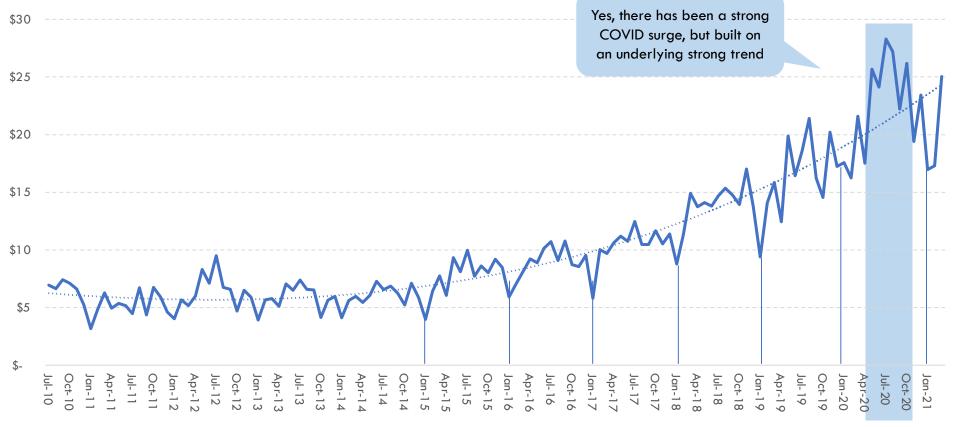
Pulling apart ingredients and retail-ready pet food shows retail exports growing strongly and ingredient plateauing

NEW ZEALAND PET FOOD & KEY INGREDIENTS EXPORT VALUE BY PRODUCT US\$; m; FOB; 1999-2020 **INGREDIENT\* <u>RETAIL DOG/CAT</u>** CAGR (11-20)\$270-\$180--1% \$250-\$160-China CAGR China (00-11)China, Hong Kong SAR \$140-Other E/SE Asia 11% \$200 Thailand CAGR \$120-(00-20)Hong Kong Indonesia Other E/SE Asia 13% Singapore Singapore Rep. of Korea Rep. of Korea Other Asia, nes Other Asia, nes \$150-\$100-Japan Japan Other Other Saudi Arabia Europe Canada \$80 -Other Europe \$100 Germany USA Canada \$60-Pacific Islands USA \$40-\$50 Australia \$20 Pacific Islands Australia 2000 200 200 200 200 200 200 2007 2009 2010 201 2012 2013 2014 2015 2016 2017 2018 2019 2020 2000 200 2003 2000 200 2000 2007 2008 2009 201 C 201 2012 2013 2014 2015 2016 2017 2018 2019 2020 200 200

\* Includes Prepared not-retail ready (HS2309-90); Source: UN Comtrade; Coriolis classification and analysis

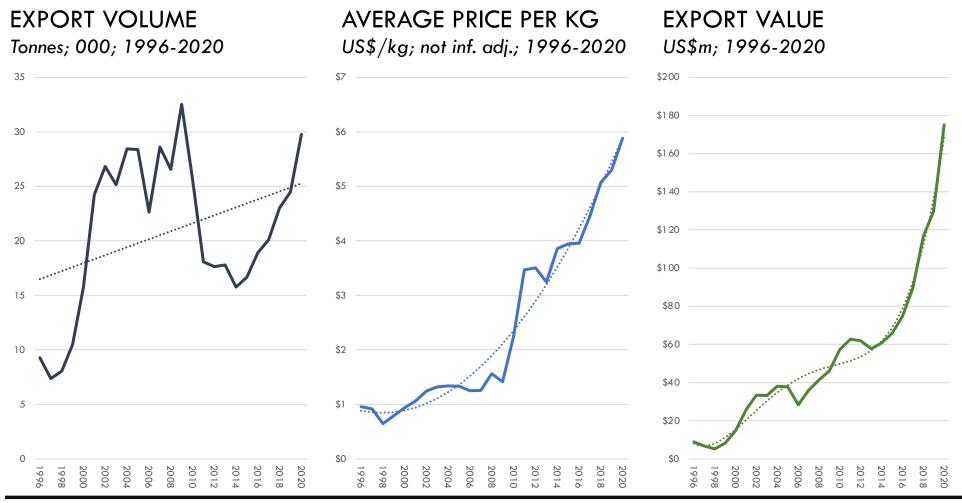
Monthly retail dog and cat pet food exports continue to grow

### MONTHLY RETAIL DOG & CAT PET FOOD (HS230910) EXPORT VALUE NZ\$; m; Jul-2010-Jul-2020



Source: Statistics New Zealand (Infoshare database); Coriolis analysis

Retail pet food exports are again growing volumes, with strong price increases from the shift to premium, leading to growing value



Source: UN Comtrade database; StatsNZ; Coriolis analysis

New Zealand premium pet food products demand premium prices relative to many traditional export products

CURRENT SHELF PRICE IN NEW ZEALAND: SELECT ITEMS NZ\$/kg; 2021



Source: photo credit (fair use/fair dealing; low resolution; complete product/brand for illustrative purposes); store visits; Coriolis selection and analysis

\$65.98

A wide range of countries suggest that New Zealand could export significantly more retail dog/cat pet food

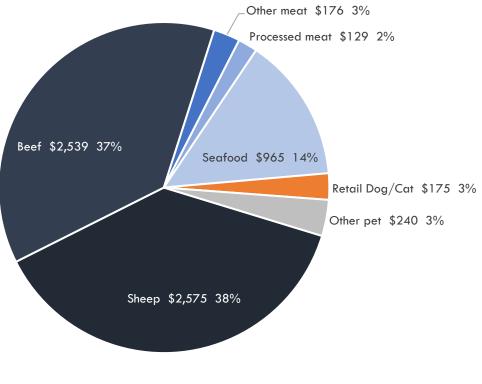
RETAIL DOG/CAT PET FOOD EXPORT VALUE: NEW ZEALAND VS. SELECT PEERS US\$; m; 2020 or as available



\$2,173

Pet food accounts for only about 6% of New Zealand's total meat and seafood exports

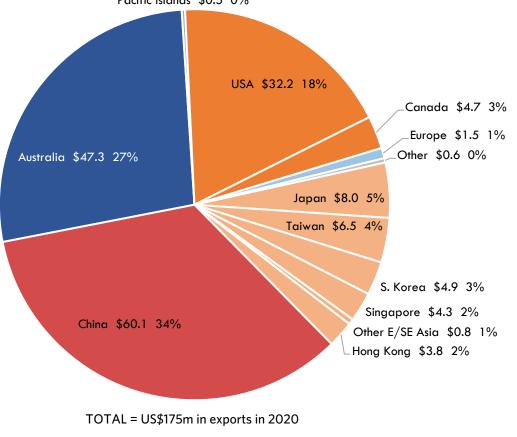
VALUE OF NEW ZEALAND EXPORTS ACROSS WIDER MEAT PLATFORM US\$m; 2020



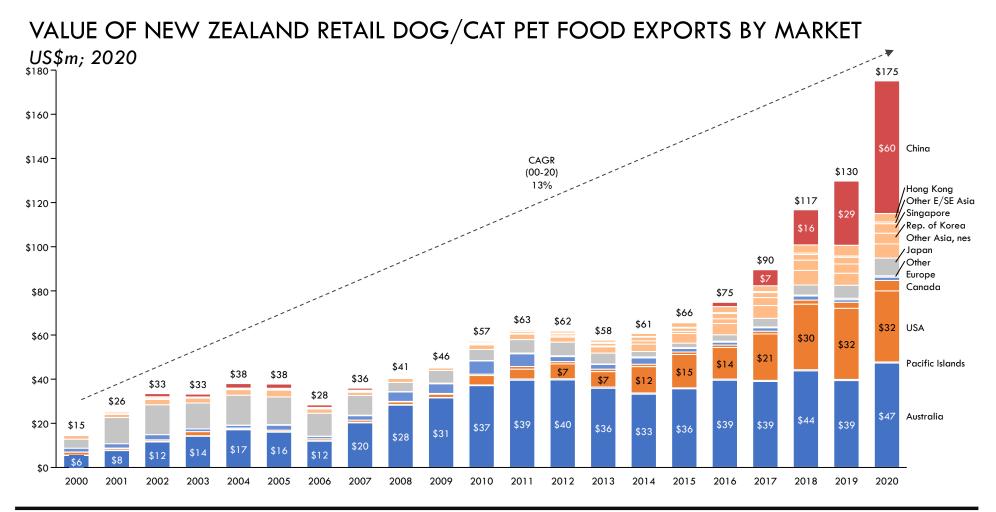
TOTAL = US\$11,224m in exports in 2020

China (34%), Australia (27%) and the US (18%) account for most (80%) of New Zealand's retail dog/cat pet food exports

VALUE OF NEW ZEALAND RETAIL DOG/CAT PET FOOD EXPORTS BY MARKET US\$m; 2020 Pacific Islands \$0.5 0%



Australia, the United States and now China have been the engines of growth for New Zealand retail dog/cat pet food exports



E/SE Asia = East/South East Asia; Source: UN Comtrade database; Coriolis analysis

# The pet food industry needs to maintain and grow the Australian market, while developing opportunities in high value Asian and Western markets



#### **REGIONAL MARKETS**

Expand channel penetration Gain share

- Improve shelf presence at retail, particularly in specialty and online
- Gain share across growing premium segment
- Focus in key population centres



#### CHINA & OTHER E/SE ASIA MARKETS

Leverage country image Position as premium

- Increase awareness of NZ as a source of pet food (not just "meat and dairy")
- Focus on trusted quality messaging
- Adapt products for market
- Position NZ as premium



#### UK/EUROPE/NORTH AMERICAN MARKETS

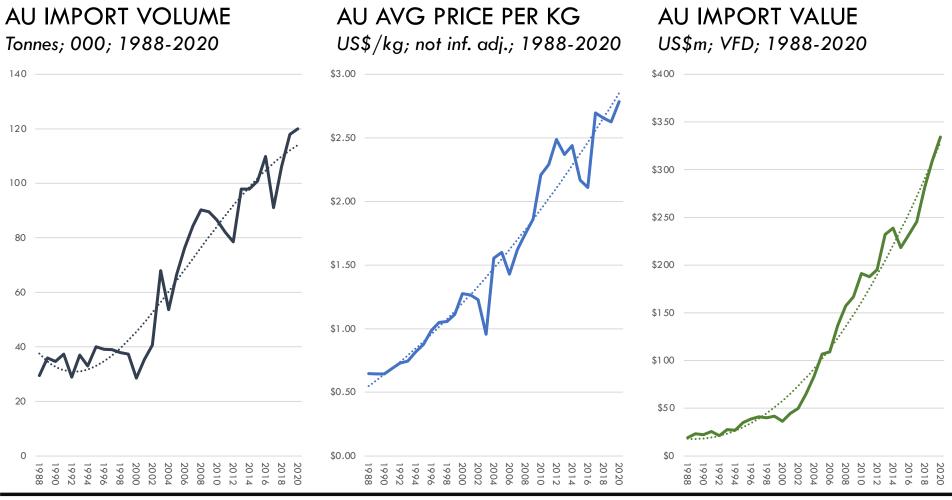
Fix dramatic underperformance Recreate wine & honey success

- Unique UK opportunity with Brexit
- Unique New Zealand ingredients give a clear point-of-difference
- Develop a plan to succeed in the UK market; lessons from wine and honey
- Expand model to Europe and North America

First, there are continued opportunities for growth in the regional markets of Australia and the Pacific Islands



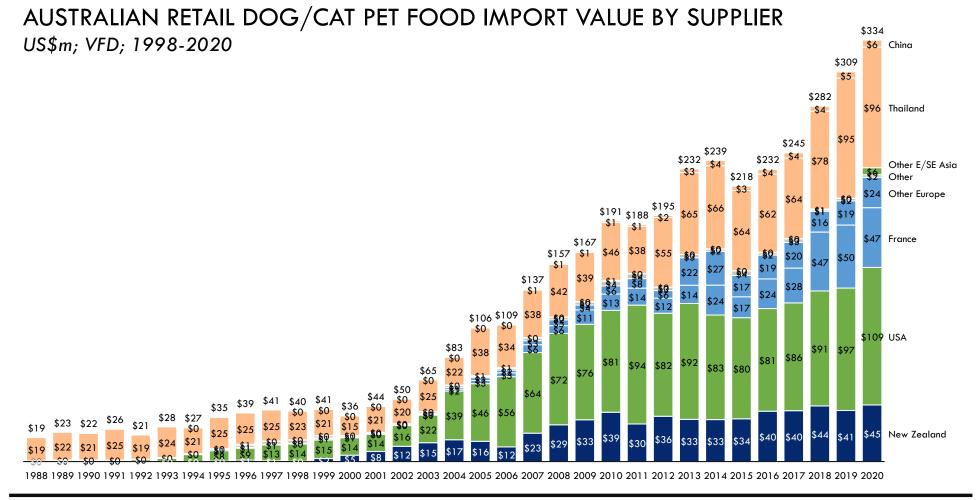
Australian retail dog/cat pet food imports have growing volumes across growing prices leading to growing value



Source: UN Comtrade database; StatsNZ; Coriolis analysis

CORIOLIS 97

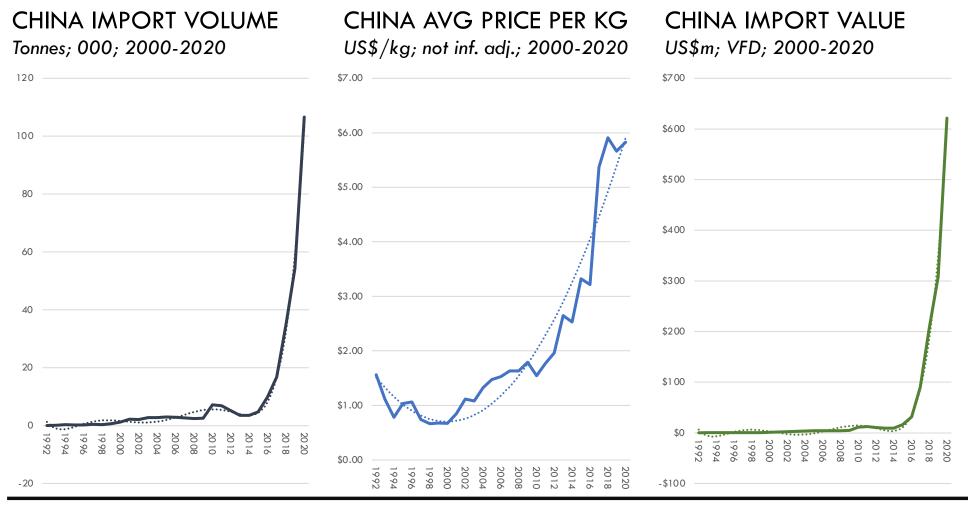
Thailand, Europe and the US are winning in Australia, while New Zealand is relatively flat



Second, there are further opportunities for growth into Asian markets



Chinese retail dog/cat pet food imports have exploded in the last five years, with growing volumes, growing prices and growing value

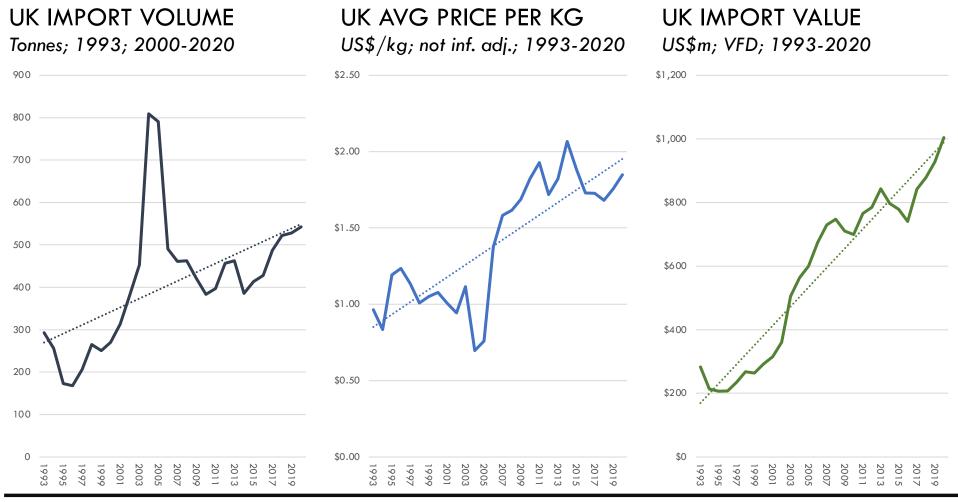


Note: China here is Mainland (for no reason other than ease of data analysis); Source: UN Comtrade database; StatsNZ; Coriolis analysis

 Finally, there are opportunities for growth across the developed Anglo-European markets, particularly the UK with Brexit

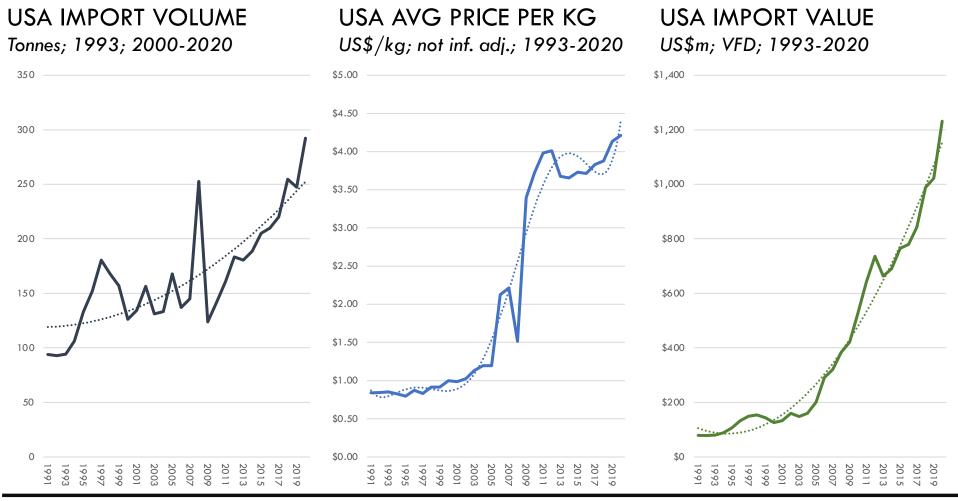


British retail dog/cat pet food imports have growing volumes and growing prices, leading to growing overall import value



Source: UN Comtrade; StatsNZ; Coriolis analysis

American retail dog/cat pet food imports have growing volumes, growing prices, and growing overall import value



Source: UN Comtrade; StatsNZ; Coriolis analysis

# Key NZ Pet Food Firms

+ Firm Activity

+ Key Firms Profiled



Significant investment in new capacity and brands is being made by export focused retail-ready manufacturers





# Investment is occurring across the sector upgrading facilities and increasing capacity

FIRM	INVESTMENT	DETAILS	
ZIWI	\$85m \$8m	<ul> <li>Ziwi building new state-of-the-art facility, Awatoto Kitchen, when operational in 2022 will close other three factories in Tauranga; will increase air-drying capacity by 40%, and allow NPD</li> <li>Investment in a new facility in Christchurch</li> </ul>	
Kraft <i>Heinz</i>	<ul> <li>Upgrade in Hawkes Bay pet food manufacturing facility over four years</li> <li>New canning and retort capability designed to increase reliability and productivity; also con manufacturing</li> <li>Motivated by increasing pet ownership</li> <li>Domestic supply, export to Asia, USA and Middle East</li> </ul>		
Ralphs Pet Foods	In Progress	<ul> <li>Hana Deavoll Founder CEO</li> <li>Ralph (alternative protein pet food) is currently under development; developed from sources of plant based and cultured proteins available, including oats, algae, pea protein and nutritional yeast. Our products are protein-rich, animal-free, clean &amp; sustainable</li> </ul>	
PharmaZen Good Health Healthy Future	\$35m	<ul> <li>\$35m investment which will increase freeze drying capacity in 2021 by 1,800mt per annum 2021</li> <li>Additional 5,000mt per annum coming on stream 2022 taking total to 6,000mt per annum</li> <li>Spray drying and additional extraction facilities for complimentary proteins and blood products 2022</li> <li>2 hectare Greenfield site Rolleston to accommodate additional expansion 2023/24</li> </ul>	
	Millions	- Recently completed a full rebuild of frozen concentrate facility and added a high capacity dog biscuit bakery	
Good	\$3m	- Capital raising to increase production capacity in freeze-drying in new greenfields operation	

#### Acquisitions and investments are occurring from firms outside NZ, reflecting the global appetite for investing in the NZ pet food sector

ACQUIRER	TARGET	DETAILS
KKR	Natural B Pet Food B	<ul> <li>KKR acquires 100% of Christchurch based Natural Pet Food Group (K9 Natural), 2021; \$220m+</li> <li>NZ pioneer brand in Freeze-dry pet food and treats</li> <li>KKR NY based PE with US\$349b under management acquires from Pioneer Capital</li> </ul>
		<ul> <li>Petpal Pet Nutrition Technology Co., (China) establishes Petpal Pet Nutrition NZ in NZ in 2016</li> <li>Established King Country Pet Food in 2019</li> <li>Invests \$50-\$80m in processing capacity (meat based kibble, canning); 50,000t annual capacity</li> </ul>
	ALPINE EXPORT	<ul> <li>Petpal Pet Nutrition Technology Co., (China) establishes Petpal Pet Nutrition NZ in NZ in 2016</li> <li>Acquires Alpine Exports in 2018 (specialises in air-dried co-products)</li> </ul>
中宏股份 Disky.Retroom	Matural in New Zealer Matural Part Inear company For Thear company For	<ul> <li>Yantai China Pet Foods Co (Wanpy) from China acquires The Natural Pet Treat Company in 2018</li> <li>Manufacture and Sell "Zeal" brand of canned and dry pet food, pet milk, pet treats, pet supplements</li> </ul>
TEMASEK HOLDINGS Antime Presecution	<b>j</b> imbo's	<ul> <li>Real Pet Foods (V.I.P; AU) owned by Temasek Holdings, New Hope Group and Hosen Capital acquires Bombay Petfoods (Jimbo's) from South Auckland in 2017</li> <li>Manufacture fresh chilled meats and treats</li> </ul>
GROUP	COOLSTORE	<ul> <li>BHJ New Zealand Ltd (6565092) acquires a coolstore in Whanganui for \$4.4m in 2018 aiming to increase pet food production and exports by sourcing by products</li> <li>Lauridsen Group global protein and ingredient company based in the US</li> <li>BHJ (one of their companies) sources pet food, treats, ingredients globally - <a href="https://bhi.com">https://bhi.com</a></li> </ul>
中宠股份 CHINAPETFOOCS	Patrood NTZ	<ul> <li>Yantai China Pet Foods (Wanpy brand) acquires majority shares from Singapore based VLR Global, and from Taylor, for US\$24m increasing Yantai's ownership to 70%</li> <li>Yantai announce new 20,000t canning investment</li> </ul>
CIBUS	Good Health Healthy Future	<ul> <li>Cibus Fund (ADM Capital) (Private Equity) acquired 14% of PharmaZen, 2020; https://www.cibusfund.com</li> <li>Capital raising in 2020 required to increase production capacity with high demand for premium nutritional products, including pet food ingredients</li> <li>Increasing freeze-dry capacity to 25,000kg/day across multiple locations</li> </ul>

Source: various company websites; interviews; articles; Coriolis analysis and classifications

#### Acquisitions are also occurring internally with firms looking to secure supply and processing capacity

ACQUIRER	TARGET	DETAILS
ZIWI	PettoodNZZ	- Ziwi acquires 20% of PetfoodNZ (from Mould); securing production and canning capacity
FOND FOODS	<b>R</b> ANCHMANS	- Fond Foods acquires Ranchmans in 2016, moved operation to Fond Foods existing location in 2019
TU MEKE FRIEND	FARM MEATS 2000 Ltd	- Best Mates Petfood acquires Farm Meats pet food operation in Waihi
MOIR FAMILY	Fordes Petfood	- Alan Forde sells abattoir and pet food processing facility to Moir's of Dipton
Scales ALL FARMED	IANCE RSY PRODUCE Shelby JV	<ul> <li>Scales acquires 60% Shelby (JV based in the USA); adding 80,000 T in product sales; US\$23.2m; end of 2018</li> <li>Shelby enters into a new third party warehousing agreement with a toll processor; brings the number of processing facilities at Shelby to 8 (7 toll processing facilities through USA)</li> </ul>
Pet Nutrition New Zealand	Vital. PETFOODS	<ul> <li>Pet Nutrition New Zealand acquires Vital Petfoods from Silver Fern Farms, in 2017; Turnover \$7m+ in 2020.</li> <li>Produces ingredients for Pet Nutrition NZ brands. Early pioneer in dog rolls in NZ.</li> </ul>

New Zealand pet food firms are also investing in expanding their range...



Source: photo credit (fair use/fair dealing; low resolution; complete product/brand for illustrative purposes);

#### ...as this example also shows

AIR DRIED TREATS (DOG)







## Key Firms Profiled

A	C PETFOODS (2007) LTD		ADDICTION FOODS NZ		ALARON PRODUCTS		ALLIANCE GROUP
	IZ MEAT	ADDIC WE GO FURTHER		GMP	iron		
MANAGING DIRECTOR DESCRIPTION	Anna Hicks Petfood abattoir and processor AC Petfoods, sourcing direct from farmers, producing petfood for wholesale to petfood manufacturers, based in Ohaupo; also co-own NZ Meat Processors Ltd, petfood site offering chicken processing and contract manufacturing (frozen processing); freeze- dry industry partners, based in Te Aroha	CEO & CO- FOUNDER DESCRIPTION	Jerel Kwek Petfood manufacturer specialising in natural, premium, grain-free, high meat, dry foods; NZ operations of Singapore company with operations in USA; manufacturing plant in Te Puke; offices in the US, Singapore, the Philippines, China; exporting to 15 international markets; also manufacture Wishbone products; distribution through NZ Natural Pet Food	MANAGER	Claire Quin Contract manufacturer specialising in dietary supplements, complementary medicines and therapeutic goods; bulk or retail packed; using dairy, herbal, apiary, marine, animal or nutraceutical ingredients	CHIEF EXECUTIVE DESCRIPTION	
KEY PRODUCTS	Raw petfood	KEY PRODUCTS	Premium, high meat dried dog and cat food (raw alternatives), functional petfoods, raw alternative, pet treats (including choice of vegetarian)	KEY PRODUCTS	Dietary supplements, capsules, tablets, bulk powder blends, skincare	KEY PRODUCTS	Lamb, mutton, beef and venison meat cuts, pet food, by-products and co-products; 1,600 products
BRANDS	AC Petfood	BRANDS	Addiction, Wishbone, Nutri-RX, Awesome Pawsome	BRANDS		BRANDS	PureSouth, Te Mana Lamb, Silere, Handpicked, Ashley
OWNERS	Hicks family	OWNERS	Addiction Foods PTE Limited	OWNERS	Smith & Wright 60%, Greiger family 20%, West family 10%, Williams family 10%	OWNERS	5,000 farmers
co. #	2065248/4924799	co. #	1806762	co. #	612891	co. #	154786
ADDRESS	3789 Ohaupo Road RD Ohaupo Waikato	ADDRESS	242 Jellicoe Street, Te Puke, Bay of Plenty	ADDRESS	13 Bolt Road, Tahunanui, Nelson	ADDRESS	51 Don Street, Invercargill, Southland
PHONE	+64 7 843 9036	PHONE	+64 7 573 8193	PHONE	+64 3 548 5875	PHONE	+64 3 214 2700
WEBSITE	http://acpetfoods.co.nz http://www.nzmpl.co.nz	WEBSITE	www.addictionpet.com https://wishbonepet.com https://awesomepawsome.com	WEBSITE	www.alaron.co.nz	WEBSITE	www.alliance.co.nz www.puresouth.com
FOUNDED	2007	FOUNDED	2006	FOUNDED	1993	FOUNDED	1948
STAFF #	10 + SEASONAL #	STAFF #	100 + SEASONAL #	STAFF #	130 + SEASONAL #	STAFF #	4,800 + SEASONAL #
REVENUE \$M	\$5 - \$10m (2020) Est. Source: Coriolis	REVENUE \$M	\$40 - \$60m (2020) Est. Source: Coriolis	REVENUE \$M	\$40 - \$60m (2020) Est. Source: Coriolis	REVENUE \$M	\$1,800m (2020) Source: AR
HIGHLIGHTS		HIGHLIGHTS	Discontinued canned lines; Addition of vegetarian options; rebranding of Addiction brand and packaging; significant multimillion dollar investment in upgrading and adding dry food production lines, increasing capacity 600%	HIGHLIGHTS		ніднііднтя	New corporate identity in '18, move towards 'produce' rather than 'processing', \$15m venison processing plant at Lorneville opened in '18; Blood processing investment; acquired 50% stake in Scales Corporation Meateor NZ petfood business in '19; 10% stake in QualityNZ (India), supplying Pure South Lamb to 340 hotels and restaurants across India; investments allowed increased value - added products and increased efficiencies \$27.4m profit and \$46m capital spend in 2020; Increasing value co-products move from rendering to petfood

CORIOLIS

	ALPINE DEER NZ LP		ALPINE EXPORT NZ		ANIMAL INSTINCT		ANIMALS LIKE US
alpin new z	e deer™ realand	ALPI EXPO		FeeD' Furb			IALS US®
MANAGING DIRECTOR	Hugh Signal	GENERAL MANAGER	Mark Russell	CO-OWNER	Ben Rennell	CEO	Rob Achten
	Deer Co-product processing in Tauranga (for human consumption in traditional Chinese medicine) and Luggate processing includes co-products, deer velvet, pet treats (Happypet brand) and Petfood ingredients. Produces NATCaP, a natural, animal derived source of calcium and phosphorous for inclusion in petfoods.	-	Private label and co-packers of air-dried products and frozen meat-based products for the petfood industry	DESCRIPTION	Dag food delivery subscription service; customised dry food; focus on sustainability; contract manufactured	DESCRIPTION	Petfood and Treat company based in the Hawke's Bay
KEY PRODUCTS	Traditional Chinese medicine ingredients, premium meat cuts, treats and animal-derived pet food ingredients under Happypet brand	KEY PRODUCTS	Air-dried co-products, treats, frozen meat-based products	KEY PRODUCTS	Petfood and treats (NZ sourced, natural, sustainable, dry grain free)	KEY PRODUCTS	Dog and Cat Treats, Food and Mixes
BRANDS	Alpine Deer, Happypet, NATCaP	BRANDS		BRANDS	Feed My Furbaby	BRANDS	Animals Like Us
OWNERS	Wallis, Signal, Hickson (via Waikawa and The Alpine Group ), others	OWNERS	Petpal Pet Nutrition Technology Co., (China) 75%, Russell 25% via BOP Industries Ltd	OWNERS	Rennell family 72%, Icehouse Ventures 27%, other	OWNERS	Achten 40%, Miss Drew Holdings 30%, Moon & McCay 30%
CO. #	2621672	co. #	1156046	co. #	6273643	co. #	7598936
ADDRESS	50 Church Road Luggate Otago	ADDRESS	32 Koromiko Street, Judea, Tauranga Bay of Plenty	ADDRESS	172F Marua Road, Mount Wellington Auckland	ADDRESS	29 Gordon Road Te Awanga Hawke's Bay
PHONE	+64 3 443 8594	PHONE	+64 7 574 6153	PHONE	+64 9 886 9738	PHONE	+64 21 0857 1122
WEBSITE	www.deer.co.nz www.happypet.co.nz www.natcap.pet	WEBSITE	n/a	WEBSITE	www.feedmyfurbaby.co.nz	WEBSITE	https://www.animalslikeus.com
FOUNDED	1964/2015	FOUNDED	2001	FOUNDED	2017	FOUNDED	2019
STAFF #	27 + SEASONAL #	STAFF #	20 + SEASONAL #	STAFF #	5 + SEASONAL #	STAFF #	6 + SEASONAL #
REVENUE \$M	\$15 - \$30m (2020) Source: Company	REVENUE \$M	\$10 - \$20m (2020) Est. Source: Coriolis	REVENUE \$M	\$2 - \$5m (2020) Source: Company	REVENUE \$M	\$2 - \$5m (2020) Source: Company
HIGHLIGHTS	Petfood is a lesser part of the overall total revenue and business.		Leading manufactuer of air-dried treats in NZ; Petpal Nutrition NZ established in 2016 and invested in Alpine Export in 2018 (Petpal Pet Nutrition also owns King Country Petfood)	HIGHLIGHTS	Icehouse VC funding to develop business	HIGHLIGHTS	

APIHEALTH NEW ZEALAND		ARCADIAN NEW ZEALAND		AROMA NZ	AZURE GROUP		
TH PRODUCTS	ARCAI	DIAN			ALFA	PET	
Tatiana Nikolaev		Halley Zhao		Ben Winters		Fish Fei	
Honey producer; specialises in bee venom products; skin care, petcare, manuka honey, exports to 21 markets		Petfood manufacturing company also producing private label petfood for domestic and export; based in the Waikato		Manufacturer of premium natural supplements and freeze dried treats for the companion animal and health care industry. 100% family owned and operated; Vertically integrated with mussel farms, processing, hi-tech drying and CO2 oil extraction. Factories in the Marlborough Sounds and Christchurch; Specialise in Green-lipped mussel powder and oil, marine collagen, abalane, oyster and fish cartilage powders for joint and bone mobility.		Petfood manufacturer; manufactured in NZ and AU (dehydrated petfood and treats from beef, lamb, seafood, pigs, venison etc.); distribute, import and export	
Manuka honey, honey, bee venom products, propolis, royal jelly, pollen, dietary supplements, honey based pet supplements, skincare	KEY PRODUCTS	Air-dried Pet Food, Pet Treats, Raw Meat Products	KEY PRODUCTS	Green-lipped mussel powder & oil, marine collagen, abalone and oyster powder. Pet treats and supplements	KEY PRODUCTS	Pet treats	
ApiHealth, VENZ, ApiBeaute	BRANDS	Arcadian, Private Label	BRANDS	Aroma, Biolane, GlycOmega, Nutreats, Lifespan, Bio-Active	BRANDS	Alfa Pet, iPet	
Nikolaeva family	OWNERS	Xin Zhang	OWNERS	Winters 85%, Gallagher 5%	OWNERS	Fei 50%, Huang 50%	
1123831	co. #	6265910	co. #	126871	co. #	3613032	
528 Stonedon Drive, East Tamaki, Auckland	ADDRESS	99F Colombo Street, Frankton Hamilton Walkato	ADDRESS	20 Senior Place Christchurch Canterbury	ADDRESS	515c Mount Wellington Highway, Mount Wellington, Auckland	
+64 9 271 6104	PHONE		PHONE	+64 3 389 9005	PHONE	+64 9 442 1911	
www.apihealth.com	WEBSITE	www.arcadian.nz	WEBSITE	www.aromanz.nz www.purelifespan.com www.nutreats.co.nz www.biolane.co.nz	WEBSITE	www.alfapet.co.nz	
1998	FOUNDED	2017	FOUNDED	1961	FOUNDED	2011	
5 + SEASONAL #	STAFF #	8 + SEASONAL #	STAFF #	65 + SEASONAL #	STAFF #	12 + SEASONAL #	
\$5 - \$10m (2020) Est. Source: Coriolis	REVENUE \$M	\$4 - \$8m (2020) Est. Source: Coriolis	REVENUE \$M	\$40 - \$60m (2020) Source: Company	REVENUE \$M	\$4 - \$8m (2020) Est. Source: Coriolis	
Multiple patents around venom collection and processing of bee venom; new skincare range based on bee vewnom	HIGHLIGHTS		HIGHLIGHTS	Recently installed new CO2 oil extraction plant, built new state of the art mussel harvester, acquired new farms in Banks Peninsula Canterbury, and acquired Biolane mussel brand from Vitaco.	HIGHLIGHTS		
	AND REES         Tatiana Nikolaev         Honey producer; specialises in bee venom products; skin care, petcare, manuka honey, exports to 21 markets         Manuka honey, honey, bee venom products, propolis, royal jelly, pollen, dietary supplements, honey based pet supplements, skincare         ApiHealth, VENZ, ApiBeaute         Nikolaeva family         1123831         52B Stonedon Drive, East Tamaki, Auckland         +64 9 271 6104         www.apihealth.com         1998         5       + SEASONAL #         \$5 - \$10m (2020) Est. Source: Coriolis         Multiple patents around venom collection and processing of bee venom, new skincare range	Tatiana Nikolaev       OPERATIONS         Honey producer; specialises in bee venom       DESCRIPTION         Propouters sin care, petacere, manuka honey,       exports to 21 markets         Manuka honey, honey, bee venom products,       DESCRIPTION         propolis, royal jelly, pollen, dietory supplements,       KEY PRODUCTS         ApiHealth, VENZ, ApiBeaute       BRANDS         Nikolaeva family       OWNERS         1123831       CO. #         52B Stonedon Drive,       ADDRESS         East Tamaki,       WEBSITE         1998       FOUNDED         5       + SEASONAL #         \$5 - \$10m (2020) Est.       REVENUE \$M         Source: Coriolis       HIGHLIGHTS	NAME REES       Image: Special isses in bee verous products; special isses in the Worketo       Perfood monufacturing company also producing private label perfood for domestic and export; based in the Worketo         Manuka horsey, honey, bee verous products, propolis, royal jelly, polen, distary supplements; honey based per supplements; kincare       KEY PRODUCTS       Air-dried Pet Food, Pet Treats, Raw Meat Products         ApiHealth, VENZ, ApiBeaute       BRANDS       Arcadian, Private label         Nikolaeva family       OWNERS       Xin Zhang         1123831       CO. #       6265910         528 Stonedon Drive, East Tamaki, Aucture       WEBSITE       vew.arcadian.private label         1998       FOUNDED       2017         5       + SEASONAL #       STAFF # 8       + SEASONAL #         \$5 - \$10m (2020) Est.       Source: Coriolis       Surver: Coriolis         Multiple pretent around venom collection and processing 0466475       FLEVENUE \$M       \$4 - \$8m (2020) Est.         Source: Coriolis       Multiple pretent around venom collection and processing 0466475       FLEVENUE \$M       \$4 - \$8m (2020) Est.	Image: Second of the second	Image:	Image: Section Mindow     OPERATION     India 7,000     Image: Section Mindow     Image: Section Mindow	

	BARK BAG	BE	ST MATES PETFOOD CO		BHJ NEW ZEALAND	B	IO OILS NEW ZEALAND
BARK	BAG	TU MEK FRIE Naturally N For Your Pe	lutritious	<b>P</b> E	BHJ	BIC	DOILS New ZEALAND
OWNER	Mailing Young	GENERAL MANAGER	Sam Leathem	CEO	Sara Ross	OWNER	Daryl Prebble
DESCRIPTION	Customised monthly delivery of pet treats and toys; sourcing natural and local NZ made treat and brands; subscription boxes (5-7 treats) and birthday boxes		Petfood manufacturer; exports USA, Taiwan, Australia, Japan; contract manufacture for others	DESCRIPTION	Trading as Wanganui Coldstorage Ltd, BHJ are part of the US based Lauridsen Group global protein and ingredient company; source (fish, poultry, ovine and bovine), producing MDM into frozen naked block and specific offal line petfood ingredients; also source and supply dry protein ingredients; distribute domestically to petfood manufacturers and to export markets.	DESCRIPTION	Bio Oils Ltd, NZ's largest producer of cold-pressed flaxseed oil and fibre supplying ingredients to the food industry and perfood industry; produce own branded, private label OEM, and wholesale oil products; supported by 30 local farmer suppliers who rotate flax seed crops
KEY PRODUCTS	dog treats	KEY PRODUCTS	Air Dry Treats (for dog), Air Dry Snacks (for dog and cat), Air Dry Foods, Can Foods (for dog and cat), Milk Powder and UHT milk.	KEY PRODUCTS	Frozen petfood ingredients (fish, poultry, ovine and bovine), MDM and specific offal by product items; source and supply dry proteins ingredients	KEY PRODUCTS	Flax seed oil, flax seed flakes/meal
BRANDS	Bark Bag	BRANDS	Tu Meke Friend, Best Mates	BRANDS	BHJ	BRANDS	Totally Kiwi, Fourflax, UncleJohns
OWNERS	Young 50%, McKenna 50%	OWNERS	Amir Fouladi 34%, Feng Sheng 31%, Ying Zhe Xu 20%	OWNERS	LGI International (LUX)	OWNERS	Prebble family
CO. #	6065350	CO. #	6268227	CO. #	6565092	co. #	331830
ADDRESS	33A Altham Ave, Mt Eden, Auckland	ADDRESS	10 Dean Crescent, Waihi, Waikato	ADDRESS	1-11 Gilberd Street Wanganui	ADDRESS	PO Box 479, Ashburton Canterbury
PHONE	+64 22 671 4004	PHONE	+64 7 863 3224	PHONE	+64 6 349 0109	PHONE	+64 3 308 3305
WEBSITE	https://barkbag.co.nz/	WEBSITE	https://www.tumekefriend.nz	WEBSITE	https://bhj.com	WEBSITE	http://bio-oils.co.nz
FOUNDED	2016	FOUNDED	2017	FOUNDED	2017	FOUNDED	1987
STAFF #	2 + SEASONAL #	STAFF #	27 + SEASONAL #	STAFF #	45 + SEASONAL # 5	STAFF #	5 + SEASONAL #
REVENUE \$M	\$1 - \$3m (2020) Est. Source: Co <i>riolis</i>		\$8 - \$15m (2020) Est. Source: Coriolis	REVENUE \$M	\$15 - \$20m (2020) Est. Source: Coriolis	REVENUE \$M	\$3 - \$5m (2020) Source: Company
HIGHLIGHTS			Best Mates Petfood company established in 2017 and acquired FarmMeats in 2019 with Tu Meke Friend and Farm Meats brands.	HIGHLIGHTS		HIGHLIGHTS	

	BIO-MER		BIOPHIVE		BOWLS & BOWLS		BRODIE'S DOGCARE
bio-m	ero	biop naturally new zealand p	bive et treats & chews	Bowl &	Bowls	BROI RAW PET FOO	
MANAGING DIRECTOR DESCRIPTION	Joe Cave Processor and contract freeze-drying, extraction and blending; specialising in marine extracts for human and pet health products based in Christchurch; supplying retail ready or bulk ingredients	MANAGER	Cameron Massie Specialist Contract Manufacturer of Premium New Zealand Pet Treats, Chews and Food	MANAGER	Lusi Huang Pet food company producing freeze-dried petfood, operating out of Auckland, selling domestically and exporting four SKU to China		Anne-Marie McKenzie On-line frozen raw pet food company delivering to homes in Auckland and the North Island
KEY PRODUCTS	Powder, whole, encapsulated forms of: calcium supplements, krill oil, brain health products, green- lipped mussel supplements, pet health products	KEY PRODUCTS	Petfood (air-dried, freeze-dried), Pet treats (Air- dried, freeze-dried), pet supplements	KEY PRODUCTS	Pet food, dog food and treats	KEY PRODUCTS	frozen raw dog and cat food, air-dried treats, natural supplements and pet care products
BRANDS	Bio-Mer	BRANDS	contract manufactured	BRANDS	Bowls & Bowls	BRANDS	Brodie's
OWNERS	Cave	OWNERS	Waikawa Limited (Signal, Hickson) 50%, Wishnowsky 10%, Bramble 10%, Pettersson 10%, Quinn 5%, Massie 5%	OWNERS	DBC Trading 53%, Ting Yu (CN) 25%, CCL Holdings 20%, others	OWNERS	McKenzie
co. #	1710281	co. #	3576832	co. #	7563196	co. #	6278341
ADDRESS	38 Sonter Road, Christchurch	ADDRESS	101 Kawakawa Road, Feilding, Manawatu-Wanganui	ADDRESS	Unit 1 C1 Kakano Business Park 6A Topere Way Westgate	ADDRESS	52 Ngaio Street, Orakei, Auckland
PHONE	+64 3 348 9871	PHONE	+64 6 324 0302	PHONE	+64 9 3906788	PHONE	+64 21 306 550
WEBSITE	www.biomer.com	WEBSITE	www.biophive.com	WEBSITE	https://bowlbowls.co.nz	WEBSITE	https://www.brodies.nz
FOUNDED	2005	FOUNDED	2011	FOUNDED	2019	FOUNDED	2017
STAFF #	7 + SEASONAL #	STAFF #	38 + SEASONAL #	STAFF #	5 + SEASONAL #	STAFF #	3 + SEASONAL # 3
REVENUE \$M	\$5 - \$10m (2020) Est. Source: Coriolis	REVENUE \$M	\$10 - \$20m (2020) Est. Source: Coriolis	REVENUE \$M	\$0.5 - \$3m (2020) Source: Company	REVENUE \$M	\$0.5 - \$3m (2020) Source: Company
HIGHLIGHTS		HIGHLIGHTS		HIGHLIGHTS		HIGHLIGHTS	Personalised offering of Beginner's Boxes, Weekly Menu Bags and Tailored Menus. Product packed in home compostable starch bags.

	BUTCH PETFOODS	C/	ANTERBURY PET FOODS		CHERRYVITE	СС	NTRACT FREEZE DRY NZ
(Bp	<b>6</b> 4	CANTEF PET F(	BURY	Radi Do	ical ig <sup>°</sup>	CF	D bry NZ Ltd
MANAGER	Lance Roby Fresh petfood manufacturer; 60% share in fresh meat roll for dogs category; produces 6m dog and car rolls annually; oldest registered pet food company in NZ; exports to Taiwan, UAE, India, China, Japan, Pacific	GENERAL MANAGER DESCRIPTION	Stu Free Animal collection, slaughter and petfood manufacturer based in Ohoka, supply Zoos and Orana Park	OWNERS	John & Maureen Newlands Springbank Orachrd growing monterency tart cherries for health products, juice and pet products	MANAGING DIRECTOR DESCRIPTION	
KEY PRODUCTS	Dog and cat roll	KEY PRODUCTS	Pet food; chilled chicken, rabbit, hare, beef, horse, mutton	KEY PRODUCTS	Pet treat biscuits, cherryvite, cherry juice, freeze- dried cherries, cherrry supplements,	KEY PRODUCTS	Pet food
BRANDS	Butch, Golden Boy, Meat 'N Veg, Chick 'N Rice, Wag, Hound Log, Bow Wow, Ginger Tom, Carnivore, Tasti Dinner, Optimize Pro, Pf5,	BRANDS	Canterbury Pet Foods	BRANDS	Radical Do	BRANDS	
OWNERS	Roby family	OWNERS	Martin 90%, Free 10%	OWNERS	Newlands	OWNERS	Fat Freddy's Drop 66.7%, Gawn Investments 33.3%
co. #	98522	co. #	1189389	co. #	1799586	co. #	7623176
ADDRESS	5 Rupeke Place, Henderson, Auckland	ADDRESS	166 Bradleys Rd RD 2 Ohoka Kaiapoi Canterbury	ADDRESS	Oamaru Canterbury	ADDRESS	14 Macs Ridge Road, RD 1 Oamaru Canterbury
PHONE	+64 9 839 0095	PHONE	+64 3 312 6502	PHONE	+64 3 439 5255	PHONE	+64 21 1907 776
WEBSITE	http://nz.butch.co.nz http://www.bpf.co.nz	WEBSITE	www.canterburypetfoods.co.nz	WEBSITE	https://www.radicaldog.co.nz https://www.cherryvite.co.nz	WEBSITE	
FOUNDED	1964/1976	FOUNDED	2002	FOUNDED	2006	FOUNDED	2019
STAFF #	50 + SEASONAL #	STAFF #	5 + SEASONAL #	STAFF #	10 + SEASONAL #	STAFF #	2 + SEASONAL #
REVENUE \$M	\$15 - \$20m (2020) Est. Source: Coriolis	REVENUE \$M	\$3 - \$7m (2020) Est. Source: Coriolis	REVENUE \$M	\$3 - \$5m (2020) Est. Source: Coriolis	REVENUE \$M	\$0 - \$1m (2020) Source: Company
HIGHLIGHTS	Produce óm dog rolls annually	HIGHLIGHTS		HIGHLIGHTS		HIGHLIGHTS	

C	OUPLANDS STOCKFEED	D	AIRY NUTRACEUTICALS		EARTHZ PET		EBOS GROUP
COUPLI Animal F	ANDS ood Ltd HITTANIMAL FOODS			Eart Per		GRO red s	BOS JP LIMITED Seal.
MANAGING	Jonathan Coupland	VICE GENERAL MANAGER	Steven MacEachen	GENERAL	Clinton Beuvink	CEO	John Cullity
DESCRIPTION	Stockfeed and perfood company, supplying feed across agriculture, plus manufacturing petfood in a separate facility		Large Organic Certified dairy nutritional contract manufacturing plant, annual capacity 50,000 metric tons. Certified by New Zealand and China Governments to produce a full range of nutritional products up to Infant Formula standard, packed into various formats like: can, pouch and single serve sachets. Vertically integrated to produce bespoke nutritional formulations through our joint ownership of a new spray dryer at Waikato Innovation Park.		Manufacture Pet Gravy pet supplement supply to Animates, supermarkets and online retailers	DESCRIPTION	Red Seal is owned by EBOS Australasia's largest and most diversified marketer, wholesaler, distributor and retailer of healthcare, medical and pharmacevitical products; leading Australasian animal care products marketer and distributor; own Red Seal natural health products under Endeavour Consumer Health division; 57 locations in Australia and NZ, own 50% Animates in NZ; Petfood brands manufactured in Australia and distributed to NZ
KEY PRODUCTS	Animal feed for dairy, cattle, horses, poultry, pigs, deer and dogs	KEY PRODUCTS	Milk powders, infant formulas, nutritional powders, pet nutrition in: cans, pouches, sachets	KEY PRODUCTS	Pet gravy (supplement)	KEY PRODUCTS	Vitamins, minerals, supplements, manuka honey, herbal teas, functional foods, petfood (dry (AU), treats, milk (made in NZ)) retail outlets, pharmaceuticals, healthcare equipment, logistics
BRANDS	Couplands, (Family Dog, Working Dog)	BRANDS	Blessture, Tenda, Nugene, Nature Boon, DNL	BRANDS	Earthz Pet	BRANDS	Red Seal, Symbion, TerryWhite Chemmart, ProPharma, PWR, HealthSave Pharmacy, Pharmacy Choice, Minfos, Intellipharm, Good Price Pharmacy Warehouse, DoseAid, Vantage Gold
OWNERS	Coupland Family	OWNERS	Health Dairy International 51%, Ji 29%, Bao 20%	OWNERS	Beuvink	OWNERS	
CO. #	1786382	co. #	5881277	co. #	4758779	со. #	120844
ADDRESS	26 High Street PO Box 472 Timaru Canterbury	ADDRESS	110 Hugo Johnston Drive, Penrose, Auckland	ADDRESS	Unit B, 151D Marua Rd Mt Wellington, Auckland	ADDRESS	108 Wrights Road, Addington, Christchurch, Canterbury
PHONE	64 3 688 9563	PHONE	+64 9 283 0795	PHONE	+64 27 254 4314	PHONE	+64 3 338 0999
WEBSITE	https://couplandsstockfeed.co.nz	WEBSITE	www.nzdnl.co.nz	WEBSITE	https://www.earthzpet.com	WEBSITE	www.ebosgroup.com www.redseal.co.nz www.masterpet.com www.animates.co.nz
FOUNDED	1991/2006	FOUNDED	2016	FOUNDED	2013	FOUNDED	1922
STAFF #	12 + SEASONAL #	STAFF #	30 + SEASONAL #	STAFF #	5 + SEASONAL #	STAFF #	3,700 + SEASONAL #
REVENUE \$M	\$3 - \$7m (2020) Est. Source: Coriolis	REVENUE \$M	\$5 - \$10m (2020) Source: Company	REVENUE \$M	\$1 - \$2m (2020) Source: Company	REVENUE \$M	\$8,766m (2020) Source: AR
HIGHLIGHTS			Created a range of pet milk nutrition through our association with Massey University. Successfully completed the production trials of a new lactose free variant of the current pet milk nutritional range. Increased the factory capacity to produce 250 million single serve sachets per annum.	HIGHLIGHTS	Developed product with Massey University	HIGHLIGHTS	860 staff in NZ (Red Seal 80 staff); Red Seal strong export growth in Asia and Australia; Opened new distribution and manufacturing plant for Red Seal; Animal care business increased earning 26% to A\$20.7m; and revenue increased 16% to A\$243.8m (2020); Ebitda \$A297m 2020; Pharmacy 49%, Institutional 25%, 8% logistics, Animal care 13%, Consumer products 5%

	EZYMEATS	- F	.F.O (K9 FOOD ONLY)		FOND FOODS (2007)		FORDE'S PETFOOD
Tasty Meals for H		PetFo	bods	RANCH Chu Poss	MANS IMANS	Fordes P	etfood
GENERAL MANAGER	Dennis Pert	MANAGING	Terry Black	GENERAL MANAGER	Clint Bolderston	MANAGING	Alan Forde
	Raw petfood manufacturer supplying New Zealand retailers, based in Hawkes Bay	DESCRIPTION	Dog food manufacturer of raw and dog rolls based in Hastings; services include delivery, farmer exchange program and home kill services		Petfood manufacturer of premium dog rolls and dried dog treats based in Paeroa, Waikato. Supplier to domestic grocery, rural and independent retailers as well as export markets. Manufactures a range of retail ready and bulk products for varying markets.		Petfood slaughter facility, supplying the petfood industry, dedicated petfood processing factory supplies supermarket brand "Petfood express"
EY PRODUCTS	Raw frozen petfoods for dogs and cats	KEY PRODUCTS	Frozen raw dog food and treats, plus shelf stable dog roll	KEY PRODUCTS	Dog rolls, air-dried treats, natural treats	KEY PRODUCTS	Frozen and fresh petfood
BRANDS	Pet Deli	BRANDS	K9 PetFoods, NRG	BRANDS	Superior Chunky, Possyum, Ranchmans, Field and Forest	BRANDS	Fordes, Petfood Express
OWNERS	Pert	OWNERS	Black	OWNERS	Taylor 50%, Gibson Sheat Trustees 27%, Grive 11%, others	OWNERS	Fordes
co. #	1580829	co. #	528073	co. #	1966108	CO. #	4513758
ADDRESS	22b Turner Place, Onekawa, Napier Hawkes Bay		364 State Highway 2 Hastings Hawkes Bay	ADDRESS	56 Grey Street, Paeroa, Waikato	ADDRESS	1093 Hundred Line Rd, RD 3 Winton Canterbury
PHONE	+64 21 053 5277	PHONE	+64 6 878 9866	PHONE	+64 7 827 7067	PHONE	+64 3 236 1199
WEBSITE	www.ezymeats.co.nz	WEBSITE	http://www.k9petfoods.net	WEBSITE	www.superiorchunky.co.nz www.ranchmans.co.nz	WEBSITE	http://www.wwwfordespetfood.co.nz
FOUNDED	2004	FOUNDED	1991	FOUNDED	2007	FOUNDED	2013
STAFF #	5 + SEASONAL #	STAFF #	10 + SEASONAL #	STAFF #	30 + SEASONAL # 10	STAFF #	9 + SEASONAL #
REVENUE \$M	\$2 - \$5m (2020) Est. Source: Coriolis		\$4 - \$7m (2020) Est. Source: Coriolis	REVENUE \$M	\$10 - \$20m (2020) Source: Company	REVENUE \$M	\$2 - \$5m (2020) Est. Source: Coriolis
HIGHLIGHTS		HIGHLIGHTS		HIGHLIGHTS	Acquisition of Ranchmans in 2016, relocation of Fond Foods Cambridge based facility to Paeroa in 2018/19. Amalgamation of Ranchmans to Paeroa site in 2019. Launch of grocery retail treats in 2019 to Countdown and Foodstuffs NZ, doubled output of Possyum dog food between 2017 and 2020. 50 years of flag ship brand 'Chunky' in 2023. Ongoing investment in growing roll and air- dry capacity \$4-5m over next 12-18 months	HIGHLIGHTS	Sold and under new management July 2021

	FOURFLAX	FREEZE	DRIED FOODS NEW ZEALAND		GENIUS PET FOOD	G	OODNOZE PET CUISINE
<b>PRO</b>	/IDA	FREEZE D	FDF Ried Foods	Gen Smart Pet	ius	Sent Real A	art of the second secon
CO-OWNER, OPS &	Nick Swift	GENERAL MANAGER	Taine Randell	MANAGING DIRECTOR	Dr Paula Short	MANAGING	Frank Bellerby
DESCRIPTION	Pet supplement manufacturer for dogs, cats and horses; functional pet foods using hoki fish oil and fax seed oil, green lipped mussel powder	DESCRIPTION	Source and freeze-dry products, contract drying in solid, powder or liquid form; freeze drying pioneers in NZ; contract dryers and manufacturers (e.g. K9 Natural petfood); part owned subsidiary company Kiwigarden produce yoghur drops; distribute to 150 stores in NZ and to AU, CN, Singapore, Malaysia, HK and Taiwan; also sell and lease freeze-dry machines	DESCRIPTION	Boutique petfood manufacturer - specialise in salmon dog food; selling through Vet clinics and Pet Stores plus subscriptions	DESCRIPTION	Petfood company, manufacturing and packing freeze-dried cat and dog food using NZ ingredients; Bellerby also owns Miro Feeds; retail store selling animal feed
KEY PRODUCTS	Pet supplements, functional petfoods, dog shampoo	KEY PRODUCTS	Freeze dried fruit, pet food, vegetables and yoghurt drops, contract manufacturing	KEY PRODUCTS	Dry petfood	KEY PRODUCTS	Freeze dried petfood
BRANDS	Nettex, ProVida, Scruffy Chops	BRANDS	Kiwigarden	BRANDS	Genius	BRANDS	Good Noze
OWNERS	White 50%, Dytham-Swift 50%	OWNERS	Edwards family 60%, Chittock family 24%, Gass 16%	OWNERS	Short family	OWNERS	Bellerby 50%, Qiuju 25%, Gilbert & Ground 20%, Smith & Cogswell 5%
CO. #	2510869	co. #	933596	co. #	3726116	co. #	5531613
ADDRESS	27 Dobson Street West, Ashburton, Canterbury	ADDRESS	3 Meihana Place, Twyford, Hastings, Hawke's Bay	ADDRESS	36 Harley Ridge, Upper Moutere, Tasman	ADDRESS	3205 State Highway 23, Raglan, Waikato
PHONE	+64 3 308 3345	PHONE	+64 6 879 7733	PHONE	+64 21 373630	PHONE	+64 21 740 311
WEBSITE	www.fourflax.co.nz	WEBSITE	www.freezedriedfoods.co.nz www.kiwigarden.co.nz	WEBSITE	www.geniuspetfood.co.nz	WEBSITE	www.goodnoze.co.nz https://mirofeeds.co.nz
FOUNDED	2010	FOUNDED	1997	FOUNDED	2016	FOUNDED	2014
STAFF #	4 + SEASONAL #	STAFF #	120 + SEASONAL #	STAFF #	1 + SEASONAL #	STAFF #	5 + SEASONAL #
REVENUE \$M	\$3 - \$10m (2020) Est. Source: Coriolis	REVENUE \$M	\$10 - \$20m (2020) Est. Source: Coriolis	REVENUE \$M	\$1 - \$2m (2020) Est. Source: Coriolis	REVENUE \$M	\$3 - \$5m (2020) Est. Source: Coriolis
HIGHLIGHTS	Rebranded Flourflax supplements to ProVida in 2016; Prebble sold share in Fourflax and kept ownership of Bio-Oils	HIGHLIGHTS	Chittock sold shares in 2021, new General Manager end of 2021 Kane Randall	HIGHLIGHTS		HIGHLIGHTS	Changed name from Smith & Bellerby Petfoods to GoodNoze Pet Cuisine 2021 when Smith sold down shares; Bellerby also owns Miro Feeds; recent \$3m investment in developing business and increasing capacity (in-house freeze-drier)

GC	DURMATE PET TREAT CO	HAW	KES BAY MEAT COMPANY	HE	ALTHSPRING NUTRITION	ни	NGRY PET NEW ZEALAND
GOUR PET TREAT CO.		OVATI		🔀 HEALTH			
	Laura Wilkinson & Steph Mearns	CEO	Willem Sandberg	CEO	Grant Washington-Smith	DIRECTOR	Leanne Kumar
OWNERS DESCRIPTION	Human grade pet treat company from Aotearoa New Zealand. Available throughout New Zealand and exporting to North American and Asia from Christchurch. Freeze-dried, natural and healthy whole proteins in home compostable packaging.	DESCRIPTION	Meat company based in the Hawkes Bay (full or majority ownership in Ovation, Pasture Petfoods, Advanced Foods of NZ, Te Kuiti Meat Processors, OMP Management, Progressive Gisborne, Taylor Preston); founded on the purchase of business from Bernard Matthews (NZ) Ltd	DESCRIPTION	HealthSpring Nutrition Ltd is product development business and focuses on a range of lactose free- formulated milks (Including sheep and goat milks) in a liquid and powder for cats and dogs. In addition, they develop nutraceutical ingredients and bulk supplements.	DESCRIPTION	Petfood manufacturer; raw, additive free dog and cat food; based in New Plymouth; onsite processing facility
KEY PRODUCTS	Freeze-dried petfood treats	KEY PRODUCTS	lamb, beef, venison, petfood, co-products	KEY PRODUCTS	Milk based formulas for cats and dogs, hydrations supplements for horses.	KEY PRODUCTS	Frozen and Raw Petfood
BRANDS	Gourmate Pet Treat Co.	BRANDS	Ovation	BRANDS	Fibafit, CalorieStat, BioEnhansa, LBS10	BRANDS	Hungry Pet
OWNERS	Wilkinson (50%); Mearns & Stribrny (50%)	OWNERS	Hickson 52%, Venison Meat Packers 15%, Robbie 6%, Waikawa 5%, others	OWNERS	Washington-Smith	OWNERS	Jones 50%, Kumar 50%
co. #	7632316	co. #	1894570	co. #	8183860	co. #	7064625
ADDRESS	PO Box Christchurch Canterbury	ADDRESS	210 Maraekakaho Road, Hastings Hawke's Bay	ADDRESS	Waikato Innovation Park 9 Melody Lane Hamilton East Waikato	ADDRESS	67 Hurford Road, New Plymouth, Taranaki
PHONE		PHONE	+64 6 858 6390	PHONE	+64 21 713 984	PHONE	+64 6 751 0443
WEBSITE	https://www.gourmate.co.nz	WEBSITE	www.ovation.co.nz www.tknaturallamb.com www.pasturepetfoods.co.nz	WEBSITE	https://www.healthspringnutrition.com	WEBSITE	www.hungrypet.co.nz
FOUNDED	2019	FOUNDED	2006	FOUNDED	2021	FOUNDED	2018
STAFF #	4 + SEASONAL #	STAFF #	2,100 + SEASONAL #	STAFF #	3 + SEASONAL #	STAFF #	4 + SEASONAL #
REVENUE \$M	\$0.5 - \$3m (2020) Source: Company	REVENUE \$M	\$700 - \$900m (2020) Source: Company	REVENUE \$M	\$1 - \$5m (2020) Est. Source: Coriolis	REVENUE \$M	\$1 - \$3m (2020) Est. Source: Coriolis
HIGHLIGHTS	Launched range in August 2020. Use compostable packaging and support not-for-profit organisations.	HIGHLIGHTS		HIGHLIGHTS	Recent developments in lactose-free milk production	HIGHLIGHTS	
					p		

	KC PET	KING	GOUNTRY PET FOOD NZ		KIWIPETPRODUCTS		KRAFT HEINZ
From our land to	your home™	King Cour		Kiwi p	et.	Kraft <mark>(</mark>	Heinz
MANAGING	Jeremy Stewart	GM SALES & MARKETING	Jono Cox	DIRECTOR	Kim Waters	MANAGING	
	Petfood wholesaler		Large contract manufacturing petfood company based in Taumaranui; sells pet food using original design manufacturer (ODM) model; primarily exporting petfood	DESCRIPTION	Pet retail online store selling pet treats partnering with Hale Animal Health, Equine Super Goo and Olive's Kitchen		Producer of frozen, chilled, canned and pantry food products; three sites in Hastings, Christchurch and Auckland; exports to over 40 countries
KEY PRODUCTS	Grain Free Dry, Air Dried and Canned Petfood	KEY PRODUCTS	Petfood kibble and air-dried treats, canned pet food	KEY PRODUCTS	Online, pet treats and chews	KEY PRODUCTS	Sauces, Mayonnaise, Cooking Sauces, Spreads, Fruit & Vegetables, Baked Beans, Spaghetti, Soups, Chilled Dips, Chilled Soups, Herbs & Spices, Petfood (canned, pouch, baled, extruded, roll), Infant Foods
BRANDS	"Kiwi Country",also registered "From Our Land to Your Home"	BRANDS		BRANDS	KiwiPet	BRANDS	Wattie's, Heinz, Chef, Champ, Gourmet, Nutriplus, Purepet, Gregg's, ETA, Craigs, Good Taste Company, Mediterranean, Just, Whitlocks, HP, Lea & Perrin, Farex, Asia Home Gourmet
OWNERS	JMSF Holdings Limited	OWNERS	Petpal Pet Nutrition Technology Co., (China)	OWNERS	Waters	OWNERS	HJ Heinz NZ owned by (NASDAQ:KHC) Berkshire Hathaway (USA: Public) 27%, 3G Capital (Brazil; PE) 24% via Country Ford Develop (HK)
co. #	7663956	co. #	7558076/6131089	co. #	6309068	co. #	540128
ADDRESS	119 Mitcham Road, RD2, Ashburton Canterbury	ADDRESS	12 Racecourse Road RD2 Taumaranui Manawatū-Whanganui	ADDRESS	7 Magma Crescent, Stonefields, Auckland	ADDRESS	Level 3, 2 Nuffield Street, Newmarket, Auckland
PHONE	+64 21 027 89848	PHONE	+64 7 895 8000	PHONE	+64 274 273 424	PHONE	+64 9 308 5000
WEBSITE	http://www.kiwicountrypet.nz	WEBSITE	https://kingcountrypetfood.com	WEBSITE	https://www.kiwipetproducts.co.nz/	WEBSITE	www.heinzwatties.co.nz www.watties.com www.kraftheinzcompany.com www.greggs.co.nz
FOUNDED	2019	FOUNDED	2019	FOUNDED	2017	FOUNDED	1934/1992
STAFF #	2 + SEASONAL #	STAFF #	20 + SEASONAL #	STAFF #	2 + SEASONAL #	STAFF #	880 + SEASONAL # 1,100
REVENUE \$M	\$m (2020) Source: Coriolis	REVENUE \$M	\$0 - \$1m (2020) Source: Company	REVENUE \$M	\$0.5 - \$2m (2020) Source: Company	REVENUE \$M	\$746.6m (2019) Source: AR
HIGHLIGHTS	The "Kiwi Country" brand is registered in NZ, Australia, China and the US for all food categories. This includes Petfood, Dairy, Beverage and Meat.	HIGHLIGHTS	2018 US\$28m boost to NZ operation from Chinese parent company; 2019 established King County brand; significant investments in growth \$50-\$70m; new build on-line Oct 21; expected revenue FY21 \$15-30m, with 40-60 employees; new canning facility operational mid 2022; will be the largest perfood facility when fully operational; 50,000T capacity plant.	HIGHLIGHTS		HIGHLIGHTS	Acquired Cerebos Greggs in March <sup>1</sup> 18. 2021 Wattie's celebrates it's 87 year. Loss of \$26m (EBIT, 2019); Total assets of \$892m; In FY20 Condiments \$250m, Convenience meals \$233m, Frozen food \$133m, Drinks & Beverages \$71m, Perfood \$42.4m, Infant feeding \$17m, Seafood \$0.6m; Invests \$20m over 4 years in perfood manufacturing upgrades in Hawkes Bay (2021) with new canning and retort capabilities; employ 400 people at this (Tomoana) factory

		EDALLION PET FOODS		RIT MEATS (HUNTAWAY)		NGHTY MIX DOG FOOD
teor	MEDAL	FOODS	HUNT/ WILD FOOD F	WAY	MIGHTY MIGHTY MIGHTY MI	
Tim Harty		Alastair Haliburton	MANAGER	Cam Mathius		John Walker
A 50/50 Joint Venture between Scales Corporation and Alliance Group Ltd. Supplier of plate frozen ingredients for the NZ and international pet food industry. Supply lamb, venison, beef and veal MDM and offals/organs of each species. Plate freezing facilities located in Whakatu (Hawkes Bay) and Dunedin.		Pet food manufacturer and supplier of chilled and ambient dog rolls to the New Zealand retrail urban and rural market, and frozen dog food for New Zealand working dogs. Slaughter operation supplying lamb and beef pet food ingredients to New Zealand based pet food manufacturers.	DESCRIPTION	Wild venison petfood company	DESCRIPTION	Petfood manufacturer; franchise distribution; urban and rural delivery to end users
Petfood ingredients	KEY PRODUCTS	Chilled dog rolls including grain free dog rolls and ambient dog rolls. Frozen raw dog food. Lamb and beef pet food ingredients (for further processing in New Zealand).	KEY PRODUCTS	Raw frozen, wild, Venison Pet Food	KEY PRODUCTS	Frozen concentrated, baked biscuits, treats and supplements (e.g. mussel tonic)
	BRANDS	Stamina, Perfect, High Country	BRANDS	Huntaway	BRANDS	Mighty Mix
Alliance 50%, Scales 50%	OWNERS	Haliburton 60%, Wilkie Family Trust 40%	OWNERS	Mathias 81%, Hangartner 9%, Dalhoff 9%,	OWNERS	Bendall, Menzies & Drummond 88%, Walker 12%
50003960	co. #	5587887	co. #	1858100	co. #	588961
301-303 Queen Street East, Hastings, Hawke's Bay	ADDRESS	26 Coughlan Road, Waipukurau, Hawke's Bay	ADDRESS	Level 1, 401 Tamaki Drive St Heliers Auckland	ADDRESS	7 Park Terrace, Blenheim Marlborough
+64 6 261 1895	PHONE	+64 6 858 9899	PHONE	+64 21 246 4185	PHONE	0800 644 489
www.meateor.co.nz	WEBSITE	www.medallionpetfoods.com www.farmerexchange.co.nz	WEBSITE	https://huntaway.pet/	WEBSITE	www.mightymix.co.nz
2019	FOUNDED	1975	FOUNDED	2006	FOUNDED	1993
45 + SEASONAL #	STAFF #	16 + SEASONAL #	STAFF #	3 + SEASONAL #	STAFF #	10 + SEASONAL #
\$15 - \$30m (2020) Est. Source: Coriolis			REVENUE \$M	\$0.5 - \$2m (2020) Est. Source: Coriolis	REVENUE \$M	\$4 - \$5m (2020) Source: Company
Group acquired assets Wilbur-Ellis 2020		owned. Operates the 'Farmer Exchange' programme, exchanging stock for dog food. 2019 launch of Grain Free dog rolls. 2020 launch of dog rolls using upcycled 'human food chain'	HIGHLIGHTS	Soft launch into East Coast California	HIGHLIGHTS	Recently completed a full rebuild of frozen concentrate facility and added a high capacity dog biscuit bakery. Head Office relocated to Blenheim.
	Tim Harty         A 50/50 Joint Venture between Scales         Corporation and Alliance Group Ltd. Supplier of plate frozen ingredients for the NZ and international pet food industry. Supply lamb, venison, beef and veal MDM and offals/organs of each species. Plate freezing facilities located in Whakatu (Hawkes Bay) and Dunedin.         Petfood ingredients         Alliance 50%, Scales 50%         50003960         301-303 Queen Street East, Hastings, Hawke's Bay         +64 6 261 1895         www.meateor.co.nz         2019         45       + SEASONAL #         \$15 - \$30m (2020) Est. Source: Coriolis	Tim Harty       MANAGING DIRECTOR         A 50/50 Joint Venture between Scales       Corporation and Alliance Group Ltd. Supplier of plate frozen ingredients for the NZ and international pet food industry. Supply Jomby, venico, beef and veal MDM and offalte/organs of each species. Plate freezing facilities located in Whakatu (Hawkes Bay) and Dunedin.       KEY PRODUCTS         Petfood ingredients       KEY PRODUCTS       BRANDS         Alliance 50%, Scales 50%       OWNERS       S0003960       CO. #         301-303 Queen Street East, Hastings, Hawke's Bay       ADDRESS       MDDRESS         1464 6 261 1895       PHONE       WEBSITE         2019       FOUNDED       45       * SEASONAL #         15 - \$30m (2020) Est. Source: Coriolis       Group acquired assets Wilbur-Ellis 2020       HIGHLIGHTS	Tim Harry       A 50/50 Joint Venture between Scales       MANAGING       Alastair Hallburton         Differ Tozen ingredients for harvar between Scales       MANAGING       Alastair Hallburton         Differ Tozen ingredients for harvar between Scales       Per food monufacturer and supplier of chilled and ambient day rolls to the New Zealand verking days. Supplier of prevention, beef and verking days. Supplier of periodin ambient day rolls to the New Zealand verking days. Supplier of periodin ambient day rolls in the New Zealand verking days. Supplier of periodin ambient day rolls including grain free day rolls and armbient day rolls. Frozen row day food.         Perfood ingredients       KEY PRODUCTS       Chilled day rolls including grain free day rolls and ambient day rolls. Frozen row day food.         Alliance 50%, Scales 50%       OWNERS       Hallburton 60%, Wilkie Family Trut 40%         S0003960       Co. # 5587887         301-303 Queen Street East, Hatrings, Hawke's Bay       ADDRESS       26 Quylon Road, Waipakurau, Hawke's Bay         44 6 26 11 895       WWEBSITE       www.medillionperfoods.com www.farmerexchange.co.nz         2019       FOUNDED       1975         45 * \$EASONAL #       STAFF # 16 * \$EASONAL #         \$15 - \$100 (2020) Ert.       Source: Cariolis         Source: Cariolis       REVENUE \$M \$5.5.100 (2020) Ert.         Source: Cariolis       Source: Cariolis	Tim Horry     A 50/50 Joint Venture between Scales Corporation and Alliance Group Ltd. Supplier of piller frezen ingredients for the XL and international per food industry. Supply Iomb, international per food industry. Supply Iomb, whether (Intowes Bay) and Dunedia.     MANAGING Alloards, and frezen dog food for New Zealond working dogs, Slougher operation supplying limits the corted in New Zealond based per food manufacturer.     MANAGER DESCRIPTION       Perfood ingredients     KEY PRODUCTS     Chilled dog rolls induding grain free dog rolls and and urunal finance, and frezen dog food for New Zealond based per food manufacturers.     KEY PRODUCTS       Perfood ingredients     KEY PRODUCTS     Chilled dog rolls induding grain free dog rolls and and supplying food in the Zealond dog food. Lumb and beef per food ingredients (for further processing in New Zealond).     KEY PRODUCTS       Alliance 50%, Scales 50%     OWNERS     Hallburton 60%, Wilkie Fomily Trust 40%     OWNERS       50003960     CO. # 5587867     CO. # 15877867     CO. # 16877867       2019     FOUNDED 1975     FOUNDED 1975     FOUNDED 1975       2019     FOUNDED 1975     FOUNDED 1975     FOUNDED 1975       45     \$15.5 \$30m (2020) Eth. Source Coriols     REVENUE \$M \$5.5 \$10m (2020) Eth. Source Coriols     REVENUE \$M \$5.5 \$10m (2020) Eth. Source Coriols     REVENUE \$M \$5.5 \$10m (2020) Eth. Source Coriols     REVENUE \$M \$10HIGHITS     REVENUE \$M \$10HIGHITS     REVENUE \$M \$10HIGHITS	Immery       MANAGINS       Alertic Hollburton       MANAGINS       Alertic Hollburton         A 50/50 Joint Varies between Solids       DESCRIPTION       Perford mondfacturer on supplier of called or point for an expected or failed or point for an ignorization of an expected or failed or point for an ignorization of an expected or failed or point for an ignorization of an expected or failed or point for each species. Point of foreign ignorization ignorizatio ignorizatio ignorization ignorignorization ignorizatio	Image: Section

	MILK KITCHEN	NAT	URAL PET FOOD GROUP		NESTLE NEW ZEALAND		NEW ORIGIN NZ
MIK	AILK HITCHEN	Natural Pet Food	120 0000	Nes		NEW&	RIGIN
CEO	Neil McGarva	CEO	Neil Hinton	COUNTRY MANAGER,	Christian Abboud	DIRECTOR	Gang Wang
DESCRIPTION	Beverage contract manufacturer of UHT aseptic PET liquids; factory in Whakatu; exports to China, Taiwan, Japan, AU; certified Bio Gro Organic	DESCRIPTION	Petfood manufacturer; specialises in freeze dried dog and cat food products; exports to Australia, China, Japan, USA and Canada	DESCRIPTION	Part of Nestlé SA, the world's largest food and beverage, and pet food company; head office in Auckland, two factories in Wiri and Marton; \$65m exports from Auckland site, regional hub for Maggi, manufacture Tux (dog biscuits) in Marton	DESCRIPTION	Freeze-dried petfood manufacturer based in Christchurch
KEY PRODUCTS	UHT milk, flavoured milk, pet milk, fruit juice, sports nutrition beverages, weight loss water, coconut milk, almond milk	KEY PRODUCTS	Frozen, freeze dried and canned dog and cat food; pet treats, toppers, pouches, UHT milk	KEY PRODUCTS	Culinary products, chocolate, confectionery, coffee, cereals, infant nutrition, dairy, petfood	KEY PRODUCTS	Freeze-dried dog and cat complete food
BRANDS		BRANDS	K9 Natural, Feline Natural, Meat Mates	BRANDS	Nestlé, Maggi, Milo, KitKat, Uncle Tobys, Nescafé, Nan, Highlander, Purina (Zuke's), Tux, Starbucks, Nespresso, Scorched Almonds	BRANDS	Petbakery Natural Petfood, Freshours
OWNERS	McGarva 91%, others	OWNERS	KKR & Co.	OWNERS	Nestle S.A. (VTX:NESN)	OWNERS	Gang Wang
co. #	2197636	co. #	1787973	co. #	46423	CO. #	6904607
ADDRESS	37-44 Johnston Way, Whakatu, Hastings, Hawke's Bay	ADDRESS	305 Lincoln Road, Christchurch, Canterbury	ADDRESS	Level 3, 12-16 Nicholls Lane, Parnell, Auckland	ADDRESS	Unit 2, 105 Coleridge Street Sydenham Christchurch Canterbury
PHONE	+64 6 650 3000	PHONE	+64 3 342 6380	PHONE	+64 9 367 2800	PHONE	+64 3 365 0358
WEBSITE	www.milkkitchen.co www.horleys.com	WEBSITE	www.k9natural.com www.kkr.com	WEBSITE	www.nestle.co.nz	WEBSITE	https://nolnz.com
FOUNDED	2009	FOUNDED	2006	FOUNDED	1926	FOUNDED	2018
STAFF #	30 + SEASONAL #	STAFF #	60 + SEASONAL #	STAFF #	645 + SEASONAL #	STAFF #	5 + SEASONAL #
REVENUE \$M	\$10 - \$20m (2020) Source: Company	REVENUE \$M	\$80 - \$100m (2020) Est. Source: Coriolis	REVENUE \$M	\$433.3m (2019) Source: <i>AR19</i>	REVENUE \$M	\$2 - \$5m (2020) Est. Source: Coriolis
HIGHLIGHTS	Formerly Envictus Dairies, changed name in 2019; contract manufacture pet milk	HIGHLIGHTS	Launched into AU grocery in 2019; sold to Global investment firm KKR in 2021; launched UHT and pouches in 2021	HIGHLIGHTS	Reverted Milo back to its original classic taste; new chocolate variety, Ruby, available across New Zealand; divested local sugar confectionery brands; Allens production moving to AU; Producing in Wiri under Maggi and Nestle Docello brands; named most admired food company in the world by Fortune magazine; commitment to make 100% of packaging recyclable or reusable by 2025; EBIT \$42.9m, and Total Assets \$184m '19	HIGHLIGHTS	

NEW Z	EALAND KING SALMON CO	NE	W ZEALAND PETFOODS		NEWFLANDS	NO /	MOORE HASSELL PET FOOD
	Zealand Salmon	NEW ZEA		Newf	lands"	PETFC	HASSELL
CEO & MD	Grant Rosewarne		Stephen Allington		Fiona Robertson	OWNER	Douglas Hassell
DESCRIPTION	Vertically integrated king salmon farming, processing, marketing company; 50% of world's aquaculture king salmon production; 6,300 mt of king salmon harvested in '20; 9 operational seafarms in Marlborough; 17 surface hectares; 3 freshwater facilities; petfood division (currently contract manufactuered)	MANAGER	Petfood manufacturer; 3 sites, Adair Abattoirs processing operation inland from Timaru and 2 petfood manufacturing sites in Timaru and Oamaru; Gawn also part owns Contract Freeze Dry NZ Ltd (33.3%) with Crossan's	DIRECTOR	Petfood manufacturer based on hoki; exports to AU, Singapore, USA, South East Asia; also do pet travel service; contract manufactured	DESCRIPTION	Primary Meat processor and petfood manufacturer based in Manawatu-Wanganui; animal collection service; selling to further processors
KEY PRODUCTS	Fresh, frozen, cold smoked and wood roasted salmon, petfood (dry for dogs and cats), treats and oil	KEY PRODUCTS	Chilled and frozen pet food; pet treats, dog rolls, dry biscuits (AU imported)	KEY PRODUCTS	Pet supplements (hoki bites, hoki gravy, hoki oil)	KEY PRODUCTS	Fresh petfood
BRANDS	Ora King, Regal Marlborough King Salmon, Southern Ocean, Omega Plus, Big Catch Salmon Burley	BRANDS	Maranui, Nature Knows Best, Equal, Southern Dog, DogPro, A La Carte (imported)	BRANDS	Newflands	BRANDS	No Moore Hassell
OWNERS	(NZX,ASX:NZK) Oregon Group (Tiong family) 40%, China Resources NG Fung 10%, NZ Superannuation Fund Nominees Fund 6%, others	OWNERS	Gawn 85%, Allington 15%	OWNERS	Robinson & Hartley	OWNERS	Hassell
co. #	287485	co. #	1101294	co. #	3484092	co. #	1633071
ADDRESS	93 Beatty Street, Tahunanui, Nelson	ADDRESS	32 Redruth Street, Timaru, Canterbury	ADDRESS	Churchill Road, Tuakau, Waikato	ADDRESS	Hokio Beach Rd, Levin Manawatu-Wanganui
PHONE	+64 3 548 5714	PHONE	+64 3 683 1084	PHONE	+64 9 233 4060	PHONE	+64 6 368 2106
WEBSITE	www.kingsalmon.co.nz www.orakingsalmon.co.nz www.regalsalmon.co.nz www.omegaplus.co.nz	WEBSITE	www.nzpetfoods.co.nz	WEBSITE	www.newflands.com	WEBSITE	https://www.nmhpetfoods.co.nz
FOUNDED	1985	FOUNDED	1987	FOUNDED	2011	FOUNDED	2005
STAFF #	550 + SEASONAL #	STAFF #	20 + SEASONAL #	STAFF #	1 + SEASONAL #	STAFF #	3 + SEASONAL #
REVENUE \$M	\$155.3m (2020) Source: AR	REVENUE \$M	\$5 - \$10m (2020) Est. Source: Coriolis	REVENUE \$M	\$0 - \$1m (2020) Source: Company	REVENUE \$M	\$1 - \$2m (2020) Source: Company
HIGHLIGHTS	FY20 saw 6,331MT salmon sold, and EBITDA of \$25m; Aug 19 applied for open ocean farming, potential to grow 4,000t; Omega Plus pet range launched in FY16 with first export sales to China/Korea in late FY19. 2020 work underway on new petfood pack room and distribution centre in Nelson (product is contract manufactured); Application for deep sea aquaculture - Blue Endeavour; Total domestic sales 44% of revenue followed by North America 36%; awarded seafood sustainability awards for Market innovation and value-added	HIGHLIGHTS		HIGHLIGHTS		HIGHLIGHTS	

	NRG PLUS	N	Z NATURAL PET FOOD		O2B HEALTHY	OCI	EANIA MEAT PROCESSORS
NR	G <sup>+</sup>	NEW Z Natur Fr For		New Ze HEALTHP	oland Monufacturer ral Health Products	Occea MEAT PRO	
	Rachelle Tapara	JOINT MD	Jacqueline Taylor & Amber Cordero	DIRECTOR	Kevin Symns	CEO	Steve Brown
DIRECTOR	Petfood and treat company; started as a pet supplement company and moved into frozen and freeze dry foods (full range of complete meals and treats)	DESCRIPTION	Premium freeze dried and air dried, cat and dog pet food & treats. Sold to pets world-wide.	DESCRIPTION	Vitamin and supplement manufacturer; human and pet products (100% human grade ingredients) based in Nelson	DESCRIPTION	Produce mechanically separated meat and offal processing for pet food industry; manufacturing/sourcing in NZ and Australia; primarily exported
KEY PRODUCTS	Dog and Cat food, treats and supplements	KEY PRODUCTS	Freeze dried and air dried, cat and dog pet food & treats	KEY PRODUCTS	Supplements, health, dairy proteins powders, skincare, pet supplements (powders, liquids)	KEY PRODUCTS	Frozen MDM and offal (lamb, beef, venison, other)
BRANDS	NRG+	BRANDS	The New Zealand Natural Pet Food Co WOOF, MEOW	BRANDS	O28 Healthy	BRANDS	Oceania
OWNERS	Guy 99%, Tapara 1%	OWNERS	Taylor 50%, Cordero 50%	OWNERS	Horne 50%, Symns 50%	OWNERS	OMP Management: PGCT (Cowan) 50%, Hawkes Bay Meat Co (Hickson etc.), 25%, Alpine Deer 25%
co. #	4397324	co. #	5968447	co. #	1298469	co. #	2423429
ADDRESS	51 Ahu Ahu Road, RD4, New Plymouth	ADDRESS	P.O Box 61 Pauanui Beach Waikato	ADDRESS	7 Elms Street, Wakatu Estate, Stoke, Nelson	ADDRESS	203 Fraser Street Timaru Port Canterbury
PHONE	0800 674 7587	PHONE	+64 21 232 4046	PHONE	+64 3 544 1710	PHONE	+64 3 683 1661
WEBSITE	https://www.nrgplus.co.nz	WEBSITE	www.nznaturalpetfood.com	WEBSITE	www.o2bhealthy.co.nz	WEBSITE	https://www.oceaniameats.co.nz/
FOUNDED	2013	FOUNDED	2016	FOUNDED	2003	FOUNDED	2010
STAFF #	5 + SEASONAL #	STAFF #	2 + SEASONAL #	STAFF #	10 + SEASONAL #	STAFF #	45 + SEASONAL #
REVENUE \$M	\$2 - \$5m (2020) Est. Source: Coriolis	REVENUE \$M	\$2 - \$5m (2020) Source: Company	REVENUE \$M	\$2 - \$5m (2020) Est. Source: Coriolis	REVENUE \$M	\$60 - \$80m (2020) Source: Coriolis
HIGHLIGHTS	Extended into freeze-dry with health targeted treats and supplements (e.g. Dental, Joint)	HIGHLIGHTS		HIGHLIGHTS		HIGHLIGHTS	Additional 12 staff overseas in Australia and the US

	OLIVE'S KITCHEN		OTAGO PETFOODS		PASTURE PETFOODS NZ	PEST	PRO NZ (OUT OF THE WILD)
Oliv Kita	ne's Nem			PAST	DODS	OUT O	F THE LO FOOD
CEO	Annah & Sami Stretton	DIRECTOR	Matthew Thom	GENERAL	. Alastair Kendon	MANAGIN	G Zach Howarth
DESCRIPTION	All-natural, superfood supplement and treats to help supercharge the gut health, immunity; exporting to South Korea and Australia	DESCRIPTION	Petfood slaughter and processor based in Mosgiel; mobile service; retail store		Petfood producer of red meat ingredients that were pasture fed, free-range; plus poultry and fish ingredients; modern contract processing and support services to the petfood industry; US FDA and China GACC registered		<ul> <li>Supply wild raw ingredients for the petfood market; dehyrated treats contract manufacatured</li> </ul>
KEY PRODUCTS	Dog nutritional supplements, treats, oils	KEY PRODUCTS	Fresh petood (Beef, Sheep, Horse)	KEY PRODUCTS	Lamb, veal, goat, beef, fish, chicken (MDM, Bone cake and MBM); offal ingredients; Contract services inlude extrusion, dicing, freeze drying, auto retail packing, milling	KEY PRODUCT	*S Raw, frozen ingredients (venison, rabbit, hare, lamb, peacock, turkey, wallaby, fish, goat, possum)
BRANDS	Olive's Kitchen, Doggy Daily	BRANDS	Otago Petfood	BRANDS	Pasture Petfoods	BRAND	S Out of the Wild
OWNERS	Stretton	OWNERS	Thom	OWNERS	Hawkes Bay Meat Co 37%, Hamstead Enterprises 20% (Hawkes Bay Meat, Preston, others), Progressive Meats 20%, Te Kulti Meat Processors	OWNER	S Armstrong
co. #	7057395	co. #	3722615	co. #	3690578	co.	# 5513846
ADDRESS	2 Marshall Street Morrinsville Waikato	ADDRESS	33 Castelton Street R D 2 Mosgiel Otago	ADDRESS	210 Maraekakaho Rd Stortford Lodge Hastings Hawke's Bay	ADDRES	<ul> <li>\$ 29 Ongare Point Road Katikati, Bay of Plenty</li> </ul>
PHONE	+64 22 473 4506	PHONE	+64 3 489 2079	PHONE	+64 6 858 6390	PHON	E +64 7 579 9931
WEBSITE	https://www.oliveskitchen.co.nz	WEBSITE	https://www.otagopetfoods.co.nz	WEBSITE	https://pasturepetfoods.co.nz	WEBSIT	E www.outofthewild.co.nz
FOUNDED	2018	FOUNDED	2012	FOUNDED	2011	FOUNDE	<b>D</b> 2014
STAFF #	4 + SEASONAL #	STAFF #	5 + SEASONAL #	STAFF #	100 + SEASONAL #	STAFF	# 7 + SEASONAL #
REVENUE \$M	\$1 - \$3m (2020) Est. Source: Coriolis	REVENUE \$M	\$2 - \$4m (2020) Est. Source: Coriolis	REVENUE \$M	\$30 - \$60m (2020) Source: Coriolis	REVENUE \$/	\$1 \$2 - \$5m (2020) Est. Source: Coriolis
HIGHLIGHTS	Launched into South Korea and Australia in 2021	HIGHLIGHTS		HIGHLIGHTS		HIGHLIGHT	S

PET N		PET-I	NUTRIENTS NEW ZEALAND	PET	FOODNZ INTERNATIONAL		PETWARE LTD
Pet Nutrit	tion New Zealand	PNI	NZ	Petfo	dNZZ	prír	nal
JT DIRECTORS	Calvin & Joanne Smith	MANAGING	Luke Cheung	MANAGING	Ada Zhang	DIRECTOR	Michael Gervai
DESCRIPTION	Tailor a range of freeze-dried, air-dried, canned food, treats and supplements for dogs and cats using 100% sourced NZ proteins; own our own brands and also produce for a select number of premium global brands.		Extruded dry petfood manufacture, pet nutrition producer, pet care products producer. Contracted manufacture/private label. OEM ODM.		Petfood manufacturer; manufacturing plant in Gisborne; contract pack and private label canned dog and cat food; exports e.g. NuTripe	DESCRIPTION	Canned petfood, premium grain-free slow cooked; sold through Petware wholesale retail store (different ownership)
KEY PRODUCTS	Freeze Dried (with High Pressure Processing), Air Dried, Cans, Dog Roll and Frozen Raw (with High Pressure Processing)	KEY PRODUCTS	Extruded dry pet food, Pet supplements pet care products	KEY PRODUCTS	Canned cat and dog food	KEY PRODUCTS	Primal canned petfood for dogs and cats
BRANDS	Kiwi Kitchens	BRANDS	PNNZ	BRANDS	KiwiSafe, Nutripe	BRANDS	Primal
OWNERS	C & J Smith	OWNERS	Yu, Zhang	OWNERS	Yantai China Pet Foods 70%, ZiwiPeak 20%, VLR Global 5%, Taylor 5%	OWNERS	Gervai
co. #	9429043273522 (LP)/5735108	co. #	6259187	co. #	4456459	co. #	88068
ADDRESS	10 Station Road, Belfast, Christchurch Canterbury	ADDRESS	429 Frasertown Rd Wairoa Hawkes Bay	ADDRESS	14 Kahutia Street, Gisborne	ADDRESS	PO BOX 67098, Auckland
PHONE	+64 21 706 621	PHONE	+64 6 838 3833	PHONE	+64 6 868 6412	PHONE	
WEBSITE	www.petnutrition.co.nz www.kiwikitchens.nz	WEBSITE	www.pet-nutrients.nz	WEBSITE	www.petfoodnz.com www.wanpy.com.au	WEBSITE	http://www.primalpet.co.nz
FOUNDED	2015	FOUNDED	2017	FOUNDED	2005	FOUNDED	1973
STAFF #	60 + SEASONAL #	STAFF #	12 + SEASONAL #	STAFF #	100 + SEASONAL #	STAFF #	+ SEASONAL #
REVENUE \$M	\$15 - \$20m (2020) Source: Company	REVENUE \$M	\$10 - \$10m (2020) Source: Company	REVENUE \$M	\$40 - \$60m (2020) Est. Source: Co <i>riolis</i>	REVENUE \$M	\$2 - \$5m (2020) Est. Source: Coriolis
HIGHLIGHTS	HPP technology driving this growth; Brand leader (#2) petfood exports in North America, growing rapidly	HIGHLIGHTS	High automation and in-house manufacturing; contract manufacture. OEM ODM from New Zealand to the World	HIGHLIGHTS	Co-management with Valour Pets Global - "Nutripe" canned dog food made in Gisborne plant	HIGHLIGHTS	

	PHARMAZEN		PROGRESSIVE MEATS		PURE PETFOODS NZ		RAW PAWZ
Pharm Good Health He		PROCRESSIN SEALAND N		Petfood	ds NZ	Raw	Pawz
CEO	Craig McIntosh	OWNER & MD	Craig Hickson	MANAGING	Shaun Aitcheson	OWNER	Nita Maaka
DESCRIPTION	Trading as Waitaki Biosciences; Specialist developer & manufacturer of natural ingredients; export nutraceutical & personal care markets; manufacturing across two Christchurch locations with extraction, freeze-drying and drying; raw materials 100% New Zealand sourced; products target joint & bone health, immune & digestive support along with skin care & hair care, pet care applications; dedicated petfood brand	DESCRIPTION	PML is a toll processor, a procurer of livestock and a processor for other branded meat companies. PML has ownership in other added value product streams and companies such as Pasture Petfoods & Progressive Leathers.		Supplier of raw petfood based in Twizel; fully traceable	DESCRIPTION	Raw dog food company and petcare products based in Tauranga
KEY PRODUCTS	Greenshell mussel, kiwifruit, blackcurrant, collagen, calcium based supplements and oils; petfood freeze-dried functional treats and sprinkles	KEY PRODUCTS	Lamb and beef cuts, co-products, ingredients, mechanically deboned meat (MDM), petfood ingredients; further processing in USA	KEY PRODUCTS	Raw petfood, frozen blocks, air-dried and freeze- dried treats (venison, tahr, goat, hare, rabbit, lamb and salmon)	KEY PRODUCTS	Raw petfood, petcare (Mahu Oils)
BRANDS	Waitaki Biosciences, CassiPure, ActiPhen, CollaMex, MCHCal, PernaTec, StimuCal, AiOra, The 5th Quarter, Department of Treats	BRANDS	process for Atkins Ranch, Ovation, TK Natural Lamb, Davmet, BX-Foods	BRANDS	Pure Petfoods	BRANDS	Raw Pawz
OWNERS	Shepherd family 14%, Cibus Oscar Ltd (UK) 14%, Nimrod Trust 8%, Citibank Nominees NZ 6%, Lotus Capital Partners (Monaco) 6%, Paterson 9%,	OWNERS	Hickson family	OWNERS	Aitcheson	OWNERS	Maaka
co. #	1168773	co. #	36215	co. #	6236871	co. #	3019022
ADDRESS	3 Desi Place, Hillsborough, Christchurch, Canterbury	ADDRESS	118 Kelfield Place, Hasting, Hawke's Bay	ADDRESS	15 Hooker Crescent Twizel Canterbury	ADDRESS	Unit 6, 14 Cypress Street, Judea, Tauranga Bay of Plenty
PHONE	+64 3 337 6096	PHONE	+64 6 873 9090	PHONE	+64 3 435 0063	PHONE	+64 21 257 1417
WEBSITE	www.waitakibio.com https://www.do-treats.com https://www.cibusfund.com	WEBSITE	www.progressivemeats.co.nz www.ovation.co.nz www.tknaturallamb.com www.atkinsranch.com	WEBSITE	https://purepetfoods.nz	WEBSITE	https://rawpawz.nz
FOUNDED	2001	FOUNDED		FOUNDED	2017	FOUNDED	2010
STAFF #	60 + SEASONAL #	STAFF #	400 + SEASONAL #	STAFF #	7 + SEASONAL #	STAFF #	5 + SEASONAL #
REVENUE \$M	\$21.5m (2020) Source: AR20	REVENUE \$M	\$50 - \$100m (2020) Source: Company	REVENUE \$M	\$2 - \$5m (2020) Est. Source: Coriolis	REVENUE \$M	\$1 - \$3m (2020) Est. Source: Coriolis
HIGHLIGHTS	New product launched in '19, AiOra range of health ingredients; 2020, 2021 construction of new manufacturing facilities in Christchurch across two sites; adding capacity to both sites; total freeze dry capacity of 25,000kg per day; EBITDA 2020 \$6.7m; Gross Margin 44%, ADM capital's Cibus Fund (PE) invest in 2021	HIGHLIGHTS	Robotic cutting technology introduced at Progressive Meats in '17	HIGHLIGHTS	Purpose built export licensed processing plant; introduced range of freeze-dried turkey bites and salmon bites 2021; air and freeze-dry contracted	HIGHLIGHTS	

REA	AL PET FOOD COMPANY	S	CALES CORPORATION	SH	AKIM (ROAR PET FOOD)		SUNDAY PETS
ľþ	F	Scale		RO	AR	Sun ··· pe	day "
COUNTRY MANAGER	Fred Hugues	MD & CEO	Andy Borland	DIRECTOR	Kim Nuttall	MANAGING	Vince Ho
DESCRIPTION	Petfood manufacturer in NZ and AU; No.1 producer of fresh chilled petfood in world; Jimbo's no. 1 chilled brand in NZ; exports; 9 processing facilities globally; private label; own Aussie Game Meats, QLD	DESCRIPTION	Diversified agribusiness portfolio, including horticulture, logistics and food ingredients across 35+ sites; Mr Apple is NZ's largest vertically integrated grower, packer and exporter of apples; 1,160ha of orchards; 3 packhouses, 5 coolstores; picks 500m apples; 25% share of NZ total apple exports to over 40 countries; 50% ownership of Profruit 73% ownership of Fern Ridge. Also ownerhip in Meateor	DESCRIPTION	Raw petfood manufacturer based in Tauranga	DESCRIPTION	Petfood and treat manufacturer
KEY PRODUCTS	Fresh chilled and dry petfood, pet treats	KEY PRODUCTS	Apples, apple and kiwifruit juice concentrate, perfood ingredients, provision of cold, bulk liquid and logistics services	KEY PRODUCTS	Frozen chicken mixes and beef mixes, chicken treats, broths petcare	KEY PRODUCTS	Dry baked and freeze dried dog food and pet treats toppings (NZ King salmon, fish, mussels, lamb, beef)
BRANDS	V.I.P. Petfoods, Meaty Muesli, Fine Dining, Fussy Cat, Nature's Goodness, Gourmet Fresh, Frosty Paws, Mega Bite, Billy + Margot, Ivory Coat, Doctor B's Barf, Tucker Time For Pets, Farmers	BRANDS	Mr Apple, Diva, Dazzle, Posy, Little Darlings, Fern Ridge Fresh, Profruit, Meateor Foods	BRANDS	Roar	BRANDS	Sunday Pets, Deliganics, Tasty Holistic, Wholesome Bits, Free Ranger
OWNERS		OWNERS	NZX:SCL; China Resources Nu Fung 15%, others	OWNERS	Nuttall	OWNERS	Lee Ling 50%, Eng Soon Vincent 50%
CO. #	6200828	co. #	424743	co. #	1516330	co. #	3766940
ADDRESS	SH1, Bomboy, Auckland	ADDRESS	52 Cashel Street, Christchurch, Canterbury	ADDRESS	PO Box 16103 Bethlehem Tauranga Bay of Plenty	ADDRESS	Palm Beach, Papamoa, Bay of Plenty
PHONE	+64 9 236 0877	PHONE	+64 3 379 7720	PHONE	+64 21 025 90027	PHONE	+64 9 801 0198
WEBSITE	www.jimbos.co.nz www.realpetfoodco.com.au https://superpets.co.nz	WEBSITE	www.scalescorporation.co.nz www.mrapple.co.nz www.meateor.co.nz	WEBSITE	www.roarpetfood.co.nz	WEBSITE	www.sundaypets.com
FOUNDED	2016	FOUNDED	1897	FOUNDED	2004	FOUNDED	2012
STAFF #	89 + SEASONAL #	STAFF #	700 + SEASONAL # 1,800	STAFF #	5 + SEASONAL #	STAFF #	5 + SEASONAL #
REVENUE \$M	\$30 - \$45m (2020) Est. Source: Coriolis	REVENUE \$M	\$470.7m (2020) Source: AR20	REVENUE \$M	\$1 - \$3m (2020) Est. Source: Coriolis	REVENUE \$M	\$1 - \$5m (2020) Est. Source: Coriolis
HIGHLIGHTS	Acquired Bombay Petfoods in '17, including Jimob's, First Choice and Purely Pets brands; New logo for RPF in 2021	HIGHLIGHTS	Picked 580m apples, exported 5.74m TCE's of apples; 18% share of NZ production; 6.5m litres of juice sold; 115,740 petfood ingredients sold; BIIDA \$54m '20, launched Posy apple in Chinasold Polarcold company for \$151.4m in '18; sold bulk storage business Liqueo to SBT Group in '18; Alliance acquired 50% Meateor NZ, formed JV '19; Dec '18 acquired 50% Meateor NZ, formed JV '19; Dec '18 acquired 60% Shelby Foods (petfood ingredients); Revenue of Ingredients \$173.7m; and EBIIDA of \$21.8m (2020); Ingredients have a ROCE of 29%.	HIGHLIGHTS		HIGHLIGHTS	Fully traceable, ethical and sustainable

	THE NATURAL PET TREAT COMPANY		V ZEALAND NATURAL PET FOOD CO		THE PET BRANDS CO		AW DOG FOOD COMPANY
100% Red - 2 References				The Pet COMP		THE RA	G HOOD CO
DIRECTOR	Javin Sidhu		Aprilanne Bonar	OWNER	Sandra Drinkwater	OWNER	Sarah Stephens
DESCRIPTION	Petfood manufacturer based in Auckland exporting to 16 countires	DIRECTOR DESCRIPTION	Premium raw and dehydrated cat and dog petfood manufacturer based in Northland; supply to pet stores across New Zealand	DESCRIPTION	Hand made export quality pet treats (biscuits) for dogs and cats, sourcing 100% NZ products and locally sourced fruit, nuts seeds and free range meats; also retail and wholesale imported treats and pet supplies	DESCRIPTION	Raw pet food manufacturer, repacker, and delivery; NZ sourced wild and farm, human grade ingredients; retail ready and bulk
KEY PRODUCTS	Canned and dry petfood, pet milk, pet treats, pet supplements (hoki fish oil)	KEY PRODUCTS	Bliss balls, peantut snacks, pilchard crisps	KEY PRODUCTS	Baked treats, imported pet supplies, harnesses, cleaning equipment etc.	KEY PRODUCTS	Raw frozen dog food, retail ready and bulk (pellets, cubes, bones, offal), air-dried treats (rabbit ears, chicken necks, mackerel) supplements (green lipped mussel powder, oils)
BRANDS	Zeal	BRANDS	Malo & Co Bliss Balls, Malo & Co Pilchard Chips, Pawnut Butter	BRANDS	Rewardz, Sargents, imported: lickables, kanoodles	BRANDS	The Raw Dog Food Co
OWNERS	Yantai China Pet Foods Co Limited	OWNERS	Bonar's	OWNERS	Davis 50%, Drinkwater 50%	OWNERS	Stephens & Duincan
co. #	942064/6639735	co. #	7532479	co. #	4471019	co. #	7912797
ADDRESS	11-13 Lansford Crescent, Avondale, Auckland	ADDRESS	205 Takahoa Drive, Kaiwaka, Northland	ADDRESS	39 Bayer Road, RD 1, Silverdale Auckland	ADDRESS	Hunterville Wanganui
PHONE	+64 9 820 5005	PHONE	+64 21 714 021	PHONE	0800 538 738	PHONE	0800 552 205
WEBSITE	www.zealpetfood.com	WEBSITE	www.maloandco.co.nz	WEBSITE	https://www.thepetbrandscompany.co.nz	WEBSITE	https://therawdogfoodco.nz
FOUNDED	1999	FOUNDED	2019	FOUNDED	2013	FOUNDED	2020
STAFF #	42 + SEASONAL #	STAFF #	1 + SEASONAL #	STAFF #	3 + SEASONAL #	STAFF #	2 + SEASONAL #
REVENUE \$M	\$20 - \$20m (2020) Source: Company	REVENUE \$M	\$2 - \$5m (2020) Est. Source: Coriolis	REVENUE \$M	\$0.5 - \$5m (2020) Source: Company	REVENUE \$M	\$0.5 - \$2m (2020) Source: Company
HIGHLIGHTS	2018 acquired by Yantai China Pet Foods Co from China; Yantai announced capital raising for additional canning; Zeal important engine for companies growth in China	HIGHLIGHTS	Developed Pawnut butter range	HIGHLIGHTS		HIGHLIGHTS	Under new management and ownership in 2021

	TOPFLITE		TUAKAU PET FOODS		UB BIO		ULTIMATE FEEDS
<b>@</b> То	opflite					ULI	RA Y FRESHER
GM & DIRECTOR	Greg Webster	MANAGING	Haisley Pace	MANAGING	Youn Soo Lee	MANAGING	Peter Stables
	Grain and seed grower and animal feed manufacturer; manufacture bird, mouse, rabbit and fish feeds, distribute other animal feeds (distribute dog and cat food Zealandia and A La Carte, brand of OEM Pet Care Australia)		Manufacture raw petfood, based in Tuakau, Waikato; OEM contract manufacture retail ready or ingredients for firms in NZ and overseas (China GACC listed)		New Zealand deer velvet processing and health foods manufacturer. Products cover human and pet use; export to China, Korea, Australia, the USA, Canada and European countries.		Petfood manufacturer, extruded feed from Auckland, delivers nationwide; products developed in conjunction with Massey University, NZ sourced raw materials, GMO-free, grass-fed stock ingredients, exceeding AAFCO specifications.
KEY PRODUCTS	Grain and insect based animal feed	KEY PRODUCTS	Meat based raw petfood (minced and extruded), deer antler treats	KEY PRODUCTS	Bio-active deer velvet, freeze-drying green lipped mussel and other nutritional supplements for human and pet.	KEY PRODUCTS	Dry dog food,
BRANDS	Topflite	BRANDS	Carnivoro	BRANDS	UB bio	BRANDS	Ultra
OWNERS	Mitchell family 50%, Webster family 50%	OWNERS	Franklin Law Trustee (Jones 64%, Low 12%, Tangri 12%, Cowan 12%)	OWNERS	Lee 100%	OWNERS	Stables family
CO. #	1264482	co. #	6122847	co. #	1607184	co. #	1060076
ADDRESS	Waitaki Industrial Park 6 Pukeuri-Omaru Road, Oamaru, Otago	ADDRESS	17 Carr Street Tuakau Waikato	ADDRESS	4 March Place Belfast Christchurch	ADDRESS	4/210 Swanson Road, Henderson, Auckland
PHONE	+64 3 434 9244	PHONE	+64 9 283 8535	PHONE	+64 3 323 8398	PHONE	+64 9 837 0392
WEBSITE	www.topflite.co.nz	WEBSITE	https://carnivoro.co.nz	WEBSITE	www.ubbio.com www.onlynewzealand.co.nz	WEBSITE	www.ultimatefeeds.kiwi www.ultrapetsupplies.co.nz
FOUNDED	2003	FOUNDED	2016	FOUNDED	1988	FOUNDED	2000
STAFF #	30 + SEASONAL #	STAFF #	5 + SEASONAL #	STAFF #	20 + SEASONAL #	STAFF #	5 + SEASONAL #
REVENUE \$M	\$10 - \$15m (2020) Est. Source: Coriolis	REVENUE \$M	\$5 - \$10m (2020) Est. Source: Coriolis	REVENUE \$M	\$10 - \$20m (2020) Est. Source: Coriolis	REVENUE \$M	\$1 - \$5m (2020) Source: Company
HIGHLIGHTS		HIGHLIGHTS		HIGHLIGHTS		HIGHLIGHTS	

VITA POWER		VITAL PETFOODS		WAIKATO PETFOODS		ZEALANDIA	
WERm	Vit	CODS THE STREET	V P	<b>Vaikato</b> etfoods	zeala Pet Nutrition fro		
John Palamountain	OWNERS	Calvin & Joanne Smith				Stuart Taylor	
Animal nutrition manufacturers; range of oil based products for equine, farming, pets, aplary industries; developed with Massey University	DESCRIPTION	Processor of petfoods based in Christchurch; early pioneer of dog rolls; supplies Pet Nutrition NZ ingredients and other domestic and international brands.				Petfood company; exports to Taiwan, Singapore, Korea, Japan, Malaysia, Indonesia, China, Netherlands, Belgium, Poland, UK & UAE; office in London, UK; product contract manufactured	
Animal nutritional supplements	KEY PRODUCTS	Petfood ingredients: freeze Dried (with High Pressure Processing), Air Dried, Dog Roll and Frozen Raw (with High Pressure Processing)	KEY PRODUCTS	Raw processed meat for petfood	KEY PRODUCTS	Canned dog and cat food, pet supplements, pet treats	
Palamountains, My Beau, My Beau Senior, Exceed, Equine, Extreme, Show Off, Pigeon Express,	BRANDS	Buster, Trumps and Vital	BRANDS		BRANDS	Zealandia	
Palamountain family	OWNERS	Smiths (via Indigo Group)	OWNERS	Smith, Cogswell	OWNERS	Taylor 50%, Burch 50%	
1157725	co. #	6288390	co. #	7147933	co. #	4035558	
120 Putiki Drive, Wanganui, Manawatu-Wanganui	ADDRESS	Belfast Christchurch	ADDRESS	309 Collie Road RD8 Hamilton Waikato	ADDRESS	PO Box 80-256, Auckland	
+64 6 349 1005	PHONE		PHONE	+64 7 444 5499	PHONE	+64 21 050 2584	
www.palamountains.co.nz	WEBSITE	www.vitalpetfoods.co.nz	WEBSITE	https://www.waikatopetfoods.co.nz	WEBSITE	www.zealandiapets.com	
2001	FOUNDED	1983/2017	FOUNDED	2018	FOUNDED	2010	
8 + SEASONAL #	STAFF #	50 + SEASONAL #	STAFF #	12 + SEASONAL #	STAFF #	2 + SEASONAL #	
\$5 - \$10m (2020) Est. Source: Coriolis	REVENUE \$M	\$7 - \$10m (2020) Source: Company	REVENUE \$M	\$2 - \$5m (2020) Source: Coriolis	REVENUE \$M	\$2 - \$5m (2020) Source: Company	
2018 deal with Japans largest animal product distributor MP Agro	HIGHLIGHTS	Acquired from Silver Fern Farms in 2017; supplies ingredients to Pet Nutrition NZ; exports rolls to USA	HIGHLIGHTS		HIGHLIGHTS		
	John Palamountain Animal nutrition manufacturers; range of oil based products for equine, farming, pets, aplary industries; developed with Massey University Animal nutritional supplements Palamountains, My Beau, My Beau Senior, Exceed, Equine, Extreme, Show Off, Pigeon Express, Palamountain family 1157725 120 Putiki Drive, Wanganui, 464 6 349 1005 www.palamountains.co.nz 2001 8 + SEASONAL # \$5 - \$10m (2020) Est. Source: Coriolis 2018 deal with Japans largest animal product	John Palamountain       OWNERS         Animal nutrition manufacturers; range of oil based products for equine, farming, pets, apiary industries; developed with Massey University       DESCRIPTION         Animal nutritional supplements       KEY PRODUCTS         Palamountains, My Beau, My Beau Senior, Exceed, Equine, Extreme, Show Off, Pigeon Express,       BRANDS         Palamountain family       OWNERS         1157725       CO. #         120 Putiki Drive, Wanganui       ADDRESS         *464 6 349 1005       PHONE         www.palamountains.co.nz       WEBSITE         2001       FOUNDED         8       + SEASONAL #       STAFF #         \$5 - \$10m (2020) Est.       REVENUE \$M         2018 deal with Japans largest animal product       HIGHLIGHTS	John Palamountain       OWNERS       Calvin & Joanne Smith         Animal nutrition manufacturers; range of all based products for equine, forming, pet, aplary industries; developed with Massey University       DESCRIPTION       Processor of perfoods based in Christchurch; early ploneer of dog rolls; supplies Pet Nutrition NZ ingredents and other domestic and interactional brands.         Animal nutritional supplements       KEY PRODUCTS       Perfood ingredients: freeze Dried (with High Pressure Processing), Ar Dried, Dag Boll and Frozen Raw (with High Pressure Processing)         Palamountain, My Beau, My Beau Senior, Exceed, Equine, Extreme, Show Off, Pigeon Express,       BRANDS       Buster, Trumps and Vital         Palamountain family       OWNERS       Smiths (via Indigo Group)         1157725       CO. # 6288390         120 Purki Drive, Waganui       ADDRESS       10 Statin Road, Belfast Manavatu-Waganui         +64 6 349 1005       PHONE       +64 3 323 6680         www.palamountains.co.nz       WEBSITE       www.vitalpetfoods.co.nz         2001       FOUNDED       1983/2017         8       + SEASONAL #       STAFF # 50       + SEASONAL #         \$5 - S 10m (2020) Est. Source: Cariolis       Source: Cariolis       Source: Cariopay         2018       HOPA Haro       Acquired from Silver Fern Farms in 2017; supplies	UVLEUX.00       Image: Control of the second s	John Polinocursion       OWNERS       Calvin & Johnson Smith       MANAGING       Rev & Louven Smith         John Polinocursion       OWNERS       Calvin & Johnson Smith       DESCRIPTION       Froesson of good board in Christowich gerity individuality developed with Monary University       BESCRIPTION       Froesson of developed w	UNL LEAK IB     Image: Performed service     Image: Performed service	

ZIWI							
ZÌ							
MANAGING DIRECTOR DESCRIPTION	Richard Lawrence Petfood manufacturer; exports to over 20 markets; manufacturing in Tauranga, Christchurch Gisborne and USA; specialises in air-dried technology						
KEY PRODUCTS	Air-dried, canned and chews/treats for Dogs and Cats						
BRANDS	Ziwi Peak, "The New Zealand Natural Chews and Treats Company"						
OWNERS	Andos (Masthead (Stewart) 90%, others 10%) 72%, Ginzil (Woodd family) 12%, Lawrence 9%, Mitchell 6%						
co. #	1956657						
ADDRESS	33 Bath St, Parnell Auckland						
PHONE	+64 7 575 2426						
WEBSITE	www.ziwipets.com						
FOUNDED	2004						
STAFF #	210 + SEASONAL #						
REVENUE \$M	\$140 - \$140m (2020) Est. Source: Company						
HIGHLIGHTS	NZ's largest branded petfood exporter (95% exported); considerable investment in NZ manufacturing: ChCh Kitchen \$8m circa. 20% PFNZ shareholding, Awatoto Kitchen \$85m (Land, Buildings and Process); Awatoto kitchen (operational March 2022) will allow capacity expansion of 40% over current air dried recipes, as well as allow new category innovation to be launched in 2022/3; 2020 Alibaba 'Trendiest/Most popular' Brand award , 'Golden wheat' award for ecommerce excellence, 2020 'Mall Best Cat treat (can) award.						

# Appendices

+ Industry organisations and events

+ Glossary of terms

### A broad range of organisations support the New Zealand pet food industry





### GLOSSARY OF TERMS

A\$/AUD	Australian dollar	n/a	Not available/not applicable
ABS	Absolute change	N. America	North America (USA, Canada)
ANZSIC	AU/NZ Standard Industry Classification	Nec/nes	Not elsewhere classified/not elsewhere specified
AU	Australia	NZ	New Zealand
Australasia	Australia and New Zealand	NZ\$/NZD	New Zealand dollar
b	Billion	Pac Isl or PI	Pacific Islands
CAGR	Compound Annual Growth Rate	R&D	Research and Development
CN	China	S Asia	South Asia (Indian Subcontinent)
CRI	Crown Research Institute	SE Asia	South East Asia
E Asia	East Asia	S.H	Southern Hemisphere
FAO	Food and Agriculture Organisation of the United Nations	T or t	Tonne
FY	Financial year (of firm in question)	US/USA	United States of America
НК	Hong Kong	US\$/USD	United States dollar
JV	Joint venture		
m	Million		

CORIOLIS

