

# Plant Protein - Frozen Meals

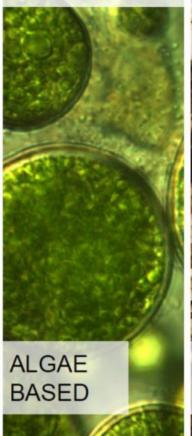


### What's Alternate Protein?



# Alternative proteins are plant and non-traditional animal based proteins











### **Alternative Protein Market**



### Alternative protein disrupted the meat industry and went mainstream

Quick serving restaurants offer alternative burgers

A range of players are active in meat space

For retailers, it 's becoming strategic growth axis







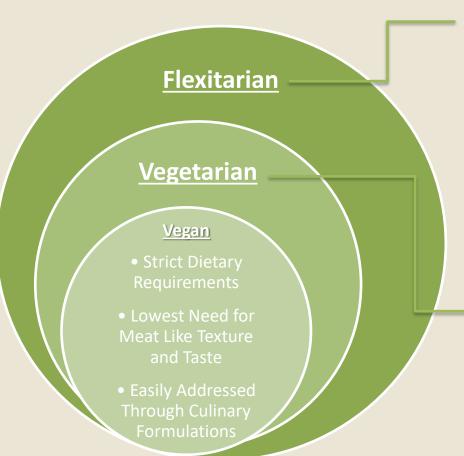


# **Key Driver**



### **Growth of Flexitarian**

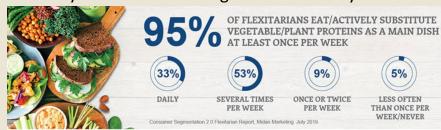
"The emerging trend of flexitarianism is increasingly putting pressure on animal protein consumption"



### **Flexitarian**



- Flexible Dietary Preferences
- Highest Need for Meat Like Texture and Taste
- Limited Potential for Pure Culinary Solutions
- Seen as Key for Male Consumer Appeal
- Primarily Consumers Seeking Healthier Lifestyles



### Vegetarian

- Semi-Strict Dietary Requirements
- Moderate Need for Meat Like Texture and Taste
- Can be Addressed Through Culinary Formulation
- Consumers Range from Vegetarians to Health Conscious and Weight Management
- Primarily Consumers are Women



# **Key Driver**



## **Final call: Planet Catastrophe**

### Climate change





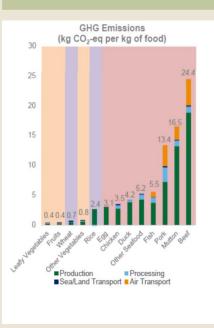


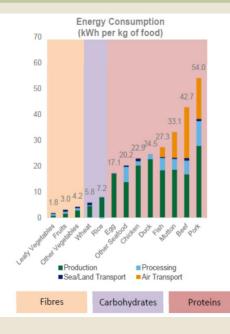


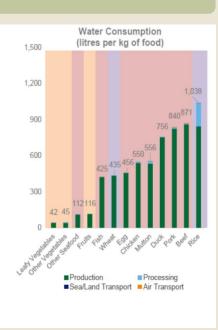


Bill Gates: Coronavirus may be 'once-in-a-century pathogen we've

### **Environmental impact**





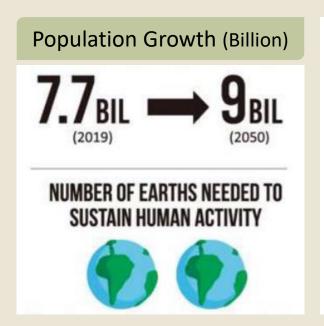


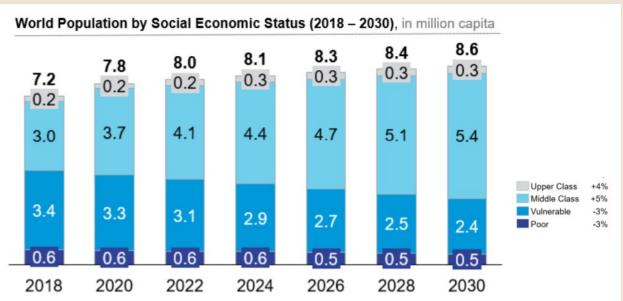


# **Key Driver**



### **Population Explosion**





- Protein consumption demand is projected to Increase from 280 T to 570T in 2050
- Significant growth in the middle-class population
- Increasing demand for quality and sustainable protein; Meat production exacerbate sustainability problem (high greenhouse-gas emissions) Meat consumption increases health risks e.g. cardiovascular disease, colorectal cancer and type 2 diabetes





COVID-19



### Plant-based alternatives

COVID-19 is providing an unexpected additional boost to plant-based proteins and alternatives. It will become even more important for meat substitutes to deliver on health, nutrition and 'clean label'. Manufacturers should also respond to consumers' demand for taste and enjoyment to justify the price tags.



### The future is Plant-based



### The Plant Based Meat Sector continuous to grow

\$12 Billion (2019) \$28 Billion (2025)

**Nutrition**: Protein content is one of customers pain point

32% of consumers feel that plant-based protein is less nutritious compared to animal-based protein

Food ingredients Europe

### Gaps in the market and room for improvement

As the market for plant-based alternatives grows, a wider range of ingredients are being used in order to broaden the product range.

These ingredients are often used because of their ability to provide the consumer with high levels of protein and nutritional value, as well as for their functional properties

Source: EUROPEAN CONSUMER SURVEY ON PLANT-BASED FOODS (May 2020)



# Frozen Asian Ready Meals



# Thai Red Curry with Jasmine Rice





Vegetarian textured Protein cubes cooked in aromatic red curry paste enriched with Coconut Milk and accompanied with Jasmine Rice.





# Thai Panang Curry with Jasmine Rice





Vegetarian textured protein cooked in a creamy Thai Curry flavored with Thai herbs and accompanied with Jasmine Rice





# Thai Massaman Curry with Jasmine Rice





Vegetarian textured protein cubes cooked in a rich and mild Thai Curry flavored with Cumin, Cardamom and Cinnamon, accompanied with Jasmine Rice









Vegetarian textured protein stirfried with Flat Rice Noodles and Vegetables in a sweet and Tangy Tamarind Sauce.





### Indian Tikka Masala with Basmati Rice





Vegetarian textured protein gently simmered in Fenugreek flavored creamy Tomato Gravy, accompanied with cumin flavored Basmati Rice.





### Indian Jalfrezi with Pilau Rice





Vegetarian textured protein cooked with Onion and Bell Peppers, simmered in coriander and cumin flavored Tomato gravy, accompanied with Basmati Pulao Rice





# Rootworks Plant based meal range

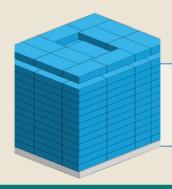




# Packaging and Storage Details



Net weight:	320g.
Weight / carton :	2.56kg.
Packing size :	320g. X 8 units
Inner cube dimension:	78 x 67 x 103 mm. (L X W x H)
Master carton dimension :	384 x 219 x 118 mm. (L X W x H)
Loading (40FT hand load):	48,000 units (6,000 cartons) +/- 5%
Loading (20FT hand load):	24,000 units (2,800 cartons) +/- 5%
Loading per pallet (40 x 48") :	169 cartons / pallet
Storage:	Frozen
Shelf Life:	18 months



Standard 40x48" pallet 169 cartons / pallet 36 pallets / container





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