Frozen Food

Vikas Mittal, MD, McCain Foods (India)

Supplier

Raj Seelam, Founder, 24 Mantra

Technology

Grocers leverage Data Analytics

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Some say Indian retail is at an uncertain juncture. The world is going digitally ballistic, and the consumer is getting more and more patient. We all know that grocery retail is a long-term business and requires plenty of patience. But, now, if food suddenly goes online, what's next for brick and mortar retailers?

The physical store is about the five senses and a complete experience and that is something the online channel cannot match, even as it offers seriously cool paths to purchase. My advice to the former? Pump up the volume.

Most Indian supermarkets offer tons and tons of products and an almost total absence of experience. Just because consumers come to supermarkets to purchase necessities -- many of which are mundane -- should the shopping environment be equally uninspiring? The edge that physical stores have has not been utilised, frankly. Addition of new categories, fresh products, out-of-the-box merchandising ideas and customer delight features is sadly under-used. Is it any wonder that consumers are veering toward the no-fuss, clearly navigable aisles of online channels in some categories?

Read the McKinsey feature on Christian Wanner, a pioneer of online grocery retailing, who entered this business years before anyone else in the world. Read his remarkable insights on how he built a start-up model for a new channel. How he found out the gaps in traditional retailing. And he how he nailed them.

> mitabh Taneia Editor-in-Chief

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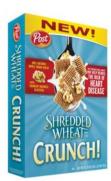
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Entrée Extension

Since 1998, McCain Foods (India) has been engaged in agriculture R&D and in development of the frozen food category in India and subcontinent countries. Already a supplier of choice to HoReCa businesses nationwide, the company is also accelerating its retail footprint, which is set to touch 50,000 points in five years' time. Vikas Mittal, MD, McCain Foods (India) speaks to Angel Kashyap about the opportunities and challenges





Vikas Mittal, MD, McCain Foods (India)



At what pace is modern food trade growing? What are the factors that determine the growth of this format?

Modern food trade in India today is a direct outcome of the evolving lifestyle of contemporary women and the time paucity faced in our daily lives. We have experienced positive growth trends and increased in-home consumption of processed food riding on the consumer need for convenient lifestyle options. As more and more consumers find it difficult to cook every meal from scratch, McCain becomes poised for greater share of thos sunrise category.

The trend towards processed food has evolved two dimensionally: it includes localisation of global food and globalisation of local taste buds. Keeping that in mind, we bring to the Indian consumer menu solutions that would satiate their appetite for any time of the day.

In addition to that, we can also see most QSRs and hotel chains offering all day menu





solutions starting from breakfast to lunch to evening snacks to dinner. This is with regard to the Indian consumer's acceptance and appreciation of convenience lifestyle.

However, if we focus on frozen foods per se, this category in India is still at a nascent stage. It is due to the fact that frozen food is laden with many myths regarding the nutritional value and preservative content. Although the Indian customer is gradually getting familiar with frozen foods, it will be some time before there is 100 per cent endorsement of these products. This market is evolving gradually and is very crucial for us.

You are a supplier to both retail and HoReCa sectors; which is the bigger contributor to your revenues?

We sell our offerings to both retail and institutional consumers. Our products, due to their versatility, have been appreciated and endorsed in both these sectors. Currently, institutional sector continues to be the larger contributor to our revenues.

About 2/3rd of our business comes from institutional sales with customers in leading national and international QSR (Quick Service Restaurants) and HoReCa (Hotels, Restaurants, Caterers/ Canteens). About 1/3rd comprises retail and exports.

The sector itself is very vast and incorporates QSRs, hotel chains, fast food joints, and even catering services. In order to promote the products and connect with them, McCain undertakes activities such as organising HoReCa meets, participation in B2B shows, print advertising and one-on-one sampling for institutional customers.

For institutional customers, we offer solutions that they can not only use as a part of their menu creations, but also save on their time, energy and effort leading to increase in efficiency and profits. We realised that the Indian F&B market was heavily influenced by uncertain weather conditions, which affected quality and availability of basic food ingredients. To overcome this, we offered frozen foods as quick solutions which promise round-the-year availability, consistent product quality and





Getting Real

The much-publicised benefits of organic foods are continuing to drive manufacturer interest, but challenges remain.

By Angel Kashyap



ith the scale of food adulteration going on in India, concerns regarding quality of food are on the rise. A surge in lifestyle diseases such cardiovascular ailments and several forms of allergy has motivated health professionals, consumers, and policymakers to promoet healthy food consumption habits.

Alongisde, on a cosmetic level, the aspiration to 'look good' is also driving consmer interest in no-preservative, low-fat foods that deliver natural nutrients.

Organically Aware

Organically grown foods are being promoted as a promising alternative by their manufacturers, activists and people concerned with human health, environment and animal welfare. As a result, the Indian retail universe is now increasingly populated by a variety of organic foods, including fruits, vegetables, cereals, dairy products and infant formulations.

The trend of organic food consumption, which was initiated in mature markets in Europe and North America, has expanded to developing countries like India and China only in the past few years. While Europe and North America are currently the largest consumers of organic food, the organic food market in Asia is likely to display higher growth rates over the next five years.

"The organic products' category has seen tremendous growth in the last couple of years and Indian consumers are becoming more conscious about their health as well as the environment," Amira Nature Foods Ltd Chairman and CEO Karan Chanana said during the recent launch of Amira's new organic food products.

Grassroot Investments

In India, majority of the demand for organic foods is originating from tier I cities such as Mumbai, Delhi, Chennai, Bangalore, Gurgaon and Pune. Increasing demand from metros is driving the entry of several businesses offering organic foods on

online channels. Included in this list are companies such as Conscious Foods, Eco Farms, Sresta Organics India, Navdanya and Morarka Organic Foods and Amira, among others. As per estimates, there are 570,000 organic food farmers supplying to a Rs 100-crore Indian organic food market, with over one million hectares under organic crop cultivation, about 50 per cent of which is for food. Most major chain stores, including Godrej Nature's Basket, HyperCity, Food Bazaar, More, Nilgiri's and Spencer's, now have a fairly healthy shelf presence for organic foods.

Commenting to the current market trends in organic products, Raj Seelam, founder, Sresta National Bioproducts Pvt. Ltd. and a pioneer in introducing organic foods in India, says, "With rising disposable incomes, consumers will be looking at better quality products across all verticals. Organic products are a great fit from the health, taste perspective. For us, ultimately more sales mean impacting more families positively through pure food and making life better for more farmers and contributing to a better planet."

Sresta was incorporated in 2004 with the vision of creating sustainable livelihoods for farmers and sustainable lifestyles for consumers. Given the highly fragmented nature of farming in India, millions of farmers are typically low-output, and in debt, resulting in large-scale migration away from agricultural activities. "Organic farming with its focus on sustainability reduces the financial risk of the farmers, encourages crop diversity and soil fertility," Seelam notes.

Sresta is a culmination of multiple experiences by Seelam and other founding team members related to unsustainable farming, food contaminated with pesticides and other adulterants. The endeavour is to provide pure and great tasting food; the fundamental belief at Sresta is "Food itself is curative" and "Food is to be enjoyed and celebrated".

Demand and Supply

Potential challenges to the organic food business arise from both demand and supply sides. Demand for fresh products, diversity of tastes and preferences, motivating the consumers to travel for price, sourcing base and efficiency, real estate availability and cost, manpower availability, increasing focus on private labels are the major key challenges faced by retailers at present. On the supplier side, while the future for organic foods looks promising, Sresta Natural Bioproducts' organic food brand 24 Mantra, among others, initially faced many challenges such as lack of awareness amongst consumers, a virtually

non-existent supply chain, non-availability of technology to grow, store and process organic grains and produce and consistent availability of products round the year.

Ensuring standardisation of quality and taste in products is one of the major challenges for organic food producers. A particular staple produced in a particular state or area differs from another one in taste or colour. Food quality depends on climate, soil, variety and farming practices.

Responding on standardisation as a challenge, Raj Seelam elaborates on how Sresta counters the bottlenecks. "We begin with selection of farming areas that will deliver the best quality in terms of taste, flavour for each product. Then, we carefully select farmers who are committed to growing crops organically, we train them, and supervise their production on a daily basis."

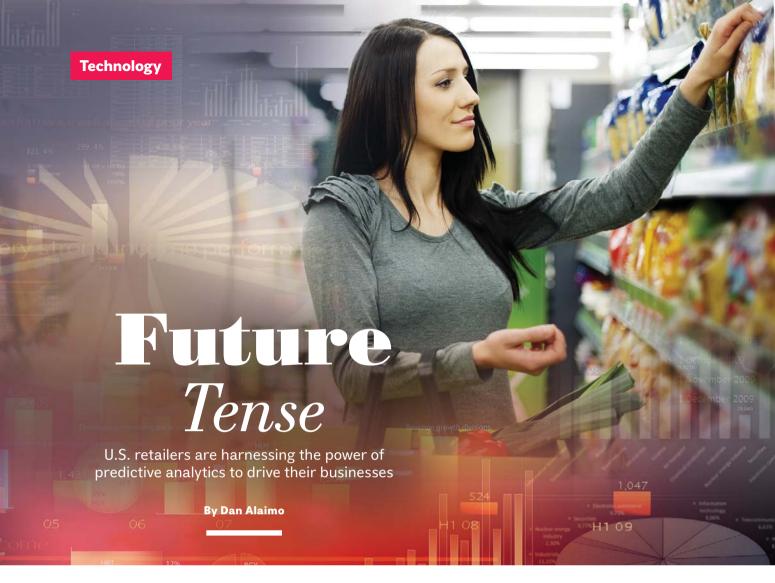
"As Sresta works with farmers directly, the company is able to ensure consistent quality and sources materials from the same origin/ products to give a consistently high quality cooking and sensory experience," he adds.

"Based on the geographical area, we develop projects in a 15 to 20 km radius with a few hundred to few thousand acres. We currently have about 40 projects across the country," Seelam informs.

Over the past decade, Sresta has developed an organic farming base of 20,000 farmers, 1,20,000 acres across 15 states in India, 30 certified organic processing units and sells a range of 200 products across 15 Indian states.

From the demand side, a limiting factor is also the price point; organic foods usually cost up to 20 to 30 per cent more than conventionally produced foods in the same categories





earning from the past is good, but predicting the future is better. Retailers in the U.S. are leveraging predictive technology tools to discover the competitive power of data for a variety of applications — customer-facing and operational — and they are reaping the benefits.

What is predictive analytics? A very basic definition is mining data for information to be used in predicting trends and behavior patterns, or as Linh Peters, VP of marketing at SpartanNash, in Grand Rapids, Michigan, puts it, "predicting the future using data from the past." But there's much more to it, she notes.

"There are many tactics, tools and capabilities that would fall under this definition," Peters says. "At the end of the day, the goal is to make smarter, more strategic and informed business decisions that meet consumer needs."

For example, predictive analytics tools not only take into account past data, such as product sales, but also the forces that will shape them in the future. And it's on a "per-individual level," according to Eric Siegel, a former Columbia University professor who founded the Predictive Analytics World business conference, based in Santa Barbara, Calif., and authored "Predictive

Analytics: The Power to Predict Who Will Click, Buy, Lie or Die."

"It is technology that learns from data to render predictions per individual, which in the case of retail, is the individual consumer or shopper," Siegel notes. "That's what differentiates it and makes it by definition more actionable, more directly applicable, in rendering mass-scale operations more effective than other forms of business intelligence."

Uses Across the Enterprise

Among the many uses supermarkets are finding for predictive analytics are promotions and coupons; campaign management; category management; assortments; inventory planning; resource and staff planning; shopper patterns, including attrition, pricing, e-commerce and mobile marketing; and various aspects of the supply chain.

"We are using it for pricing. We are using it in promotion. We are using it in our campaign management," says an IT executive with a major supermarket chain, noting that it's too early to know the results, as the retailer has been using predictive analytics for only six months.

"We are investing heavily in software as service types of applications that help us do predictive

analytics tied into supply chain, marketing, pricing," adds the executive, who asked not to be named. "We are doing a lot of work in that space using solutions, so we are not creating our own. There are apps out there that we can use. We see a lot of value there."

Like many organizations, SpartanNash leverages predictive analytics to determine sales and volume forecasting, according to Peters. "From a consumer standpoint, Spartan Nash has made investments in technology and resources to ensure that we have the tools and capabilities in place that allow us to access and leverage data more broadly across the organisation," she says.

The company sees significant opportunity as it relates to making more informed decisions in areas such as assortment, planograms and CRM strategy, Peters adds. "This not only benefits the shoppers of our corporate retail stores, but also provides meaningful data and insights for our distribution customers that will help them compete and differentiate their businesses.

"SpartanNash believes the potential for predictive analytics is significant," she continues. "Equally significant is the plethora of information that is available to harness. Many retailers are able to capture information about their shoppers either through a loyalty program or analysis of credit card data. But with the growth of social media [and] mobile and digital channels, understanding how consumers think, feel and behave has become even more complex. The more information available, the more difficult it is to 'predict the future."

As an example, SpartanNash has been using predictive analytics to better understand shopper preferences for promotions and products. "By leveraging our loyalty program data, we have been able to deliver more meaningful and relevant communications and offers to our shoppers," Peters notes. "We have seen positive response both in sales and engagement from the consumer."

Kroger's Aggressive Stance

The Kroger Co. is taking an aggressive stance on predictive analytics, which is typical of its use of technology. The Cincinnati-based grocer is using a Queue Management solution from U.K.-based provider Irisys, to make sure shoppers never have more than one person ahead of them at checkout.

Meanwhile, Harris Teeter is using a Big Data analytics platform from Tresata, based in Charlotte, North Carolina, "to dynamically understand its product, customer and channel behaviors, in an effort to provide its customers better value across its online, mobile, social and brick-and-mortar channels." Matthews, North Carolina-based Harris Teeter, now a wholly owned subsidiary of Kroger, began the program last year.

When online merchant FreshDirect, based in Long Island City, N.Y., was shopping for a new market, "they used predictive analytics to help them decide where to go, and ultimately chose Philadelphia as their second location," notes Alan Lipson, global retail industry strategist at Cary, N.C.-based SAS.

Predictive Accuracy

Paul Scorza, CIO at Ahold USA, which operates from Carlisle, Pa., and Quincy, Mass., points out two current product examples where predictive analytics were used to inform current manufacturing and promotional efforts. One is the rapid growth of pedometers, based on an increased interest in fitness and the emergence of wristband units. "I believe that prediction is extremely accurate," he says.

Another product more typically found on supermarket shelves is coconut oil in its many forms. "People put it on their skin; they put it on their food. There are all these uses for coconut oil. and a year ago, I didn't even know what it was," Scorza says. "Now you can't keep it on the shelves. That's an example of how a supermarket retailer would have used predictive analytics a year ago."

Scorza pegs the general accuracy of predictive analytics at about 50 per cent, remarking, "That's pretty good." It may be somewhat lower in the retail environment, because of the difficulty in predicting consumers' buying patterns, and the emergence of an entirely new cohort of shoppers, the Millenials.

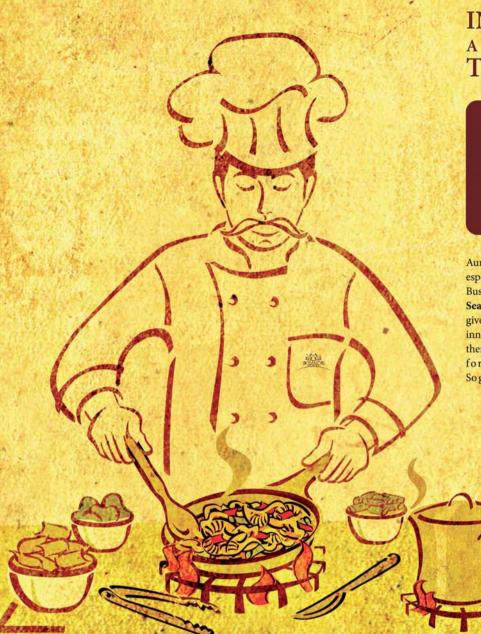
"To me, the only predictive analytics that I would have a lot of faith in would be ones that are near-term, that are predicting current trends that are going on." That is, predictive analytics based on three- to six-month-old data will be the most accurate for retailers, he notes.



The potential for predictive analytics is significant. **Equally** significant is the plethora of information that is available to harness

 Linh Peters, **SpartanNash**





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