HOW TO MAKE POULTRY FARMING A PROFITABLE BUSINESS?

NEW WHITE PAPER: INCLUDES EXPERTISE FOR PULLET REARING VENTILATION, LIGHT TRAP SELECTION AND INSTALLATION.

MAJOR FACTORS INVOLVED IN POULTRY MANAGEMENT

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Kemin South Asia Private Limited conducted Annual (non-sales) Meeting 2021

March 12, 2021 | Kemin Industries South Asia-KISA conducted its Annual Meeting for the non-sales segment at Gummidipondi (factory). The employees from the head office and factory attended the event following the required safety protocols. Held at factory premise, this meeting gave employees the perfect mix of business enhancement, interaction, and opportunities for fun. Attendees heard inspiring talks from R Suresh kumar, President and George Joseph, vice President-Operations who walked us on the ups and downs of 2020. They highlighted the goals for the year along with updates on the best practices and innovations that has taken place in the previous year. The award session enabled the employees to celebrate their achievement with their peers while becoming reenergized for the next level of success. This intimate gathering was the can’t-miss event which set a perfect start to 2021 giving opportunities to further perfect the already-high levels of success.

BIOMIN Launches Mycofix® Plus 5.Z with ZENzyme® in Asia Pacific

Getzersdorf/Singapore March 11, 2021 – Leading animal nutrition and feed additive firm BIOMIN has launched its newest mycotoxin risk management solution, Mycofix Plus 5.Z with ZENzyme, in select markets across the Asia Pacific region. Mycofix Plus 5.Z with ZENzyme is an innovative, all-in-one feed additive providing next-generation mycotoxin risk management for breeding animals and their offspring. ZENzyme is the first and only purified enzyme that degrades zearalenone (ZEN) fast, specifically and irreversibly into non-toxic and non-estrogenic metabolites.

Innovative technology
Because binders are not sufficient against zearalenone, other techniques are needed. That is why BIOMIN has pioneered the field of mycotoxin mitigation using enzymatic biotransformation, beginning with the introduction of FUMzyme —the world’s first-ever commercially available mycotoxin-deactivating enzyme that degrades fumonisins — in 2013. Enzymatic biotransformation involves enzymes designed to specifically target a mycotoxin and detoxify the fungal metabolite irreversibly, thus protecting animals from potential harm. The Mycofix range of feed additives is the only mycotoxin solution on the market that includes purified mycotoxin-degrading enzymes, namely: FUMzyme and ZENzyme, as well as a mycotoxin-degrading microorganism, BBSH® 797, for the degradation of trichothecene mycotoxins. “Over the years we have invested considerably in technologies to counteract mycotoxins, and many of these novel technologies have achieved EU authorizations for their scientifically proven safety and efficacy,” explained Ms Hofstetter. “While we have had some success in counteracting zearalenone in the past, ZENzyme is quite simply faster and better than any other technology available."
Zootechnical parameters like weight gain, feed efficiency and final weight are highly significant for economic success in broiler production. Animal health and welfare play a crucial role in meeting the requirements for optimal performance. One indicator for good management practices that promote the animals’ well-being is healthy feet. Footpad dermatitis is a multifactorial problem that needs to be addressed with a number of management tools. Measures that aim to reduce wet litter are particularly effective, such as avoiding overcrowding, using clean and dry high-quality bedding, ensuring adequate heating and ventilation, optimising drinking equipment, water management and water quality and, of course, providing an optimal supply of feed and nutrients.

**What can Anta®Phyt do?**

Poor gut health and bacterial infections both have a significant impact on faeces consistency. Pathogens may cause diarrhoea and wet litter, increasing the risk of footpad dermatitis. Previous studies have shown that adding the powerful plant-based formulation Anta®Phyt to the feed has a beneficial effect on the intestinal flora, for example, by promoting bifidobacteria and consequently improving gut health. In a feeding trial with broilers, the effect of Anta®Phyt on the caecal microbiota of broiler chicks was evaluated at three points during the production cycle. The result: Anta®Phyt decreased the relative abundance of E. coli in the caecum (figure 1).

https://www.dr-eckel.de/en/good-management-is-instrumental-for-healthy-feet/
March 18, 2021 | Marcelo Joaquim is company's new addition to Roxell's sales team in South America. As an Area Sales Manager, he will manage and strengthen the local network of distributors. He will also continue to develop relationships with existing and new reference customers.

Marcelo completed a technical degree in Industrial Automation and later obtained a bachelor in Business Administration and an MBA. His career began with a position in sales support but he made a quick transition to an external sales position. In his last job, he also oversaw a group of distributors and agents. Welcome Marcelo! We wish you all the best in your new role!

March 25, 2021 | Cobb-Vantress, Inc. / Siloam Springs, Arkansas, USA: Cobb appointed poultry industry veteran Steven Xu as the general manager of Cobb China, effective March 1, 2021. Xu will manage the Cobb business in China and report to Dr. Orlando Fernandez, managing director of Cobb Asia. "I am thrilled to have Steven join the Cobb family to handle our China business," said Dr. Fernandez. "His experience and analytical skills are expected to help drive growth. I have known him for 15 years, and I don’t believe could have picked a better leader to run the business." “It is an honor for me to join Cobb China,” said Xu. “Having been in close contact with Cobb for many years, I was always impressed with the team. I believe the potential of Chinese poultry business is tremendous and in Cobb's ability to capitalize on the growth.”

Xu previously spent 33 years with one of the largest poultry companies in China where he held various leadership positions. He graduated from China Agricultural University with a degree in animal genetics and breeding.
Poultry farming today is a huge business that is split into several operations including hatcheries, pullet farms for meat production, or farms for egg production. The poultry industry provides a good employment opportunity along with agricultural activities. The poultry entrepreneurs are very much concentrated in utilizing the farm optimally enriching maximum output through selling the eggs and other allied products like feathers, gunny bags and poultry litters etc. Poultry farming business is highly profitable if it is properly run under the acceptable methods. Each type of livestock farming, poultry included, follows specific operational principles if they must run profitably. But when such principles are ignored by the farm authority, it causes in serious losses. The over motivation for starting any business is to gain profit. It become unfortunate. However, many poultry farmers don’t take the time to want to learn why some poultry farmers become failed. It is widely known that most poultry farmers have been forced out of business when they could not be able to operate business profitably. To gain success in the project of poultry farming, a lots of works are involved. According to the expert, “it is not for a lazy man’s business”.

Factors that can make Poultry Farming a Profitable Business:
There remains a lot of factors that makes your poultry farming business a profitable project. Here are some major factors which as follows:

1. Go for experienced labour: To maximize your poultry profits, you must hire experienced labour in your poultry farm.

2. Ensure Proper and Healthy Housing of The Birds: The most important factor to consider is that the poultry housing system. Poultry housing system determines up to the 40% of the success rate you able to achieve in poultry farming. A good housing system is most important purpose for your business.

3. Effective Marketing Strategy:
   A. For Broilers: The birds which have can be the marketable weight should be sold. Even though your chickens are of the same age, when they feed, they gain weight differently. Because of this reason, you need to sort your birds to separate the weightier ones from the rest. When you do this, you can sell the weightier ones at higher prices and make more gains.

   B. For table eggs: You have to survey the market, before investing in egg production. Marketing arrangements can be made in local departmental store, local hotels, restaurants, local bakeries, cafeterias, groceries, and also other regular users. This may ensure the regular orders for the eggs. Sell graded or classified eggs. Properly grading or classification may be attract all the types of consumers. This would be able to the consumers make purchasing decision on egg size at hand. It is better to sell only clean eggs. Dry or wet cleaning of eggs should be a good practice on the farm. Reducing breakage and spoilage of eggs to the minimum case.

4. Have your own sales outlet: Another way for your poultry farm business profitable through your own sales outlet and not rely only on supplying to retailers. You don’t have to have too many sales outlets; you can start with just one. You can sell your own branded chickens and chicken parts and fresh eggs to consumers.

5. You can employ sales representatives: Don’t think that your business is too small to employ sales reps or that poultry business is not serious enough to have sales representatives.

6. Poultry Equipment and Appliances: There may be a very long list of equipment and other facilities to put it in place in order to fully manage a poultry farm. You should able to make a list of all the items you may need. Find out the prices of these and compare them in different prices to further give you an idea of the costs of setting up poultry farm. The following equipment can be needed for a poultry farm and for their uses such as: Feeders, Drinkers, Perches, Nests, Crates, Lighting system, Waste disposal system, Incubator, Heaters or brooders. Egg tray, Cages and coops etc.

7. Optimize your poultry feed: Another important factor that can help you to maximize your poultry farming profit is feed optimization. Feed optimization is very important because feed takes up a major part of the cost of chicken production. In addition, the birds need feed and water which they convert in their body to produce meat and eggs. Therefore, to maximize your poultry profit, you must cut down on the cost of feeding the birds.

8. Government grants: Agriculture is something that the government is always interested in. And that is why there are a lot of support programs for investors in the agricultural sector. Such support programs come in the form of government-backed loans and grants. You should look out for such grants and apply for them.
Aviagen® Asia has appointed Peter Fisher as its new President, which will become effective on April 1. In this role, he will provide visionary and strategic leadership for the Asia region, while continuing to enhance service to poultry producers. They will benefit from his industry insight, knowledge of animal nutrition and health and passion for innovating to create greater customer value. During his prior work with DSM Nutritional Products, Fisher fulfilled various international roles, including Vice President of Global Technical Services, Animal Nutrition and Health; Vice President of Animal Nutrition and Health for both Europe and Eastern Europe (including Middle East and Africa); Director, Animal Nutrition and Health for South and Sub-Saharan Africa; and Senior Account Manager. DSM is a company with a tradition of leveraging bright science to improve animal health and welfare through nutrition. Fisher earned a Bachelor of Science, Master of Science and PhD in Agriculture from the University of Stellenbosch in South Africa, where he also acted as manager of the Pig Research Unit and Part-Time Lecturer. Fisher will report directly to Aviagen CEO Jan Henriksen, who commented, “We welcome Peter to the Aviagen Asia team. He was chosen to lead our team in this highly important region due to his in-depth industry expertise and business development experience, which will help to strengthen our distributor network and alliances, and expand our Asia business. Moreover, Peter’s optimism and strong leadership abilities, coupled with a firm focus on our customers and our birds, will help lead our company and our customers forward in the growing and opportunity-rich Asia market.”

March 2, 2021 | As a global leader in animal nutrition and health, Alltech is pleased to announce the appointment of Dr. Saheed Salami, a research fellow at the company, to the United Nations Food and Agriculture Organization (FAO) as a member of its Technical Advisory Group (TAG) on methane for the FAO Livestock Environmental Assessment and Performance (LEAP) Partnership. As part of this working group, Dr. Salami and other industry experts will focus on revising methane assessment guidelines to enhance greenhouse gas (GHG) emission inventories and to improve carbon footprint assessments and strategies for low-carbon livestock and food security. “I have dedicated my education and career to research in agriculture and sustainability and am looking forward to continuing my journey as part of the technical advisory group on methane,” said Dr. Salami.
World Mycotoxin Survey: Impact 2021

Everything you need to know about upcoming mycotoxin threats to poultry, swine, ruminants and aquaculture worldwide.

In Brief

In 2020, the most prevalent mycotoxins globally are the Fusarium mycotoxins DON (65%) and FUM (64%), followed by ZEN (48%).

North America

Risk in North America is extreme. DON is one of the main concerns in all species in North America. It was present in 72% of corn samples and in 89% of cereal samples. Average of positives for DON in corn (maize) was quite high with 808 ppb and even higher in cereals (1.721 ppb). Corn was also affected by FUM and ZEN with averages of 2,405 ppb and 323 ppb, respectively. DDGS (Dried distillers’ grains with solubles), a corn by-product, shows high levels of Fusarium mycotoxins. Co contamination was high and 92% of the tested samples contained more than one mycotoxin. Everything you need to know about upcoming mycotoxin.

Central America

Central America is at extreme risk. Nearly all (97%) corn samples tested positive for FUM at an average of 1,820 ppb and a maximum of 24,233 ppb. The byproduct corn gluten was highly affected by FUM, ZEN and DON with 100%, 75% and 69% prevalence, respectively. Average contamination is extreme for ZEN with 1,468 ppb.

South America

Risk in this region is severe. Corn in South America is highly contaminated with FUM at 83% and an average of positives of 2,280 ppb. In wheat, DON is the main threat. It was found in 83% of the samples with an average of 1,584 ppb. Soybeans are affected by mycotoxin contamination. Most abundant was ZEN in 73% of soybean samples, followed by T-2 (51%) and DON (46%).

Europe

Risk in Europe is high to severe. The most prevalent mycotoxin is still DON, followed by ZEN and FUM. DON is the main threat for livestock, with 70% of corn samples testing positive for this mycotoxin, but cereals were also affected: DON reached a maximum concentration as high as 11.875 ppb. ZEN increased its average contamination in corn to 171 ppb.

Asia Pacific

Risks is extreme in South Asia and China and Taiwan. In Southeast Asia and East Asia risk is severe. FUM occurs in 96% of corn, followed by DON in 80% of the samples tested. ZEN is also a risk for animal production: It was present in 68% of the samples analyzed and a maximum of 11.786 ppb was found. In this region Aflatoxin remains a threat for animals. In corn. Aflatoxin was found as high as 2,495 ppb. In Oceania, risk of mycotoxin contamination is moderate.
MAJOR FACTORS INVOLVED IN POULTRY MANAGEMENT

Poultry Management: Poultry management involves understanding the role of poultry in a farm system, with an emphasis on chickens, Learn how to care for adults & chicks, Learn how to produce eggs, meat, and other products, Learn about pasture-based production models etc. It involves monitoring poultry health; ensuring that the poultry house is maintained with appropriate brooding, rearing, growing and laying conditions; and ensuring that recommended vaccinations are given and appropriate feeding programmes are used.

So major factors involved in poultry management which are as follows:

1. Nutrition Effects: In terms of cost, feed is the most important input for intensive poultry production, and the availability of low-priced, high-quality feeds is critical for the expansion of the poultry industry. Managers need to ensure that the diets provided to birds in commercial operations meet the nutrient requirements of each age group and strain of chickens. Smallholder systems in developing countries typically place less emphasis on achieving maximum production, and more on maximizing profitability by using diets comprised mainly of local feedstuff ingredients, rather than imported feeds. Key management practices by farmers who mix their own feed include ensuring that micro-ingredients are kept cool, mouldy ingredients are not used, and storage facilities are weather- and rodent-proof.

2. Good hygiene: An essential management task is to maintain clean sheds, surroundings and equipment. A clean shed improves health and limits parasites, dust and microbial contamination, while clean shed surroundings reduce vermin and fly loads. This is important not only for litter and manure management but also for biosecurity.
3. Lighting:

A. Lighting programmes for broilers:

Lighting programmes for commercial broiler operations vary widely from company to company, and depend on the strain of bird used, the housing type (naturally ventilated versus controlled-environment), the geographical location and the season. Where light can be excluded from sheds, birds are typically reared under low-intensity (5 to 10 lux) lighting, to keep them calm and to prevent feather pecking. During early brooding, 25 lux is used to stimulate feeding.

B. Lighting programmes for layers and breeders:

Birds are more sensitive to light compared to humans. Hence, effective Lighting Management is essential in poultry management. Light is critical for the onset and maintenance of egg production. Lighting can influence the onset of lay, early egg size and the total number of eggs produced.

4. Record Keeping:

Record keeping and meeting production targets are good management practices that allow the identification and solution of problems. When a problem is identified, the next step is to attempt to fix it. Identifying the cause of and fixing a problem is an important part of the farmer’s knowledge base. One of the most useful record-keeping documents is a diary, which can be used in combination with record-keeping sheets to record major activities, problems identified, equipment repairs, deviations from equipment settings, and any staff issues. Records of production, growth, feed, egg weights, mortalities, treatments given, and response to treatments should be maintained to assist investigations of sub-optimal performance. In all production systems, signs of ill health can be detected when poultry reduce their food and water intake; reduce production or growth; undergo a change in appearance, behaviour or activity level; or have abnormal feather condition or droppings.

5. Stockpersonship:

Farmers and their staff play a critical role in looking after the birds and maximizing productivity. They need to empathize with and care about their birds, and to avoid exposing them to adverse situations that may cause stress. The people responsible for the care of poultry should be well trained, experienced and dedicated. The first task for poultry staff is to learn how to carry out routine checks on the birds, so they can identify what is normal in the flock and what the signs of trouble are. Good animals’ stock attendants minimize the risks to their health and welfare. By doing this, they allow production to reach its potential, while treating the animals with care. This is sometimes called “stockpersonship”. Staff should be able to identify quickly any changes in the flock and in the birds’ environment, and any physical, chemical or microbiological threats, such as damaged equipment, mouldy feed or infectious disease, and should prevent problems from escalating. The more sophisticated the poultry farming system, the greater the management skills required.

6. Breed effects:

Intense genetic selection for economically important traits like body weight, growth rate, feed efficiency, and those associated with carcass-processing characteristics have been instrumental in increasing productivity and efficiency of the broiler industry.

7. Temperature effects:

Environmental extremes (heat and cold stress, excessive or inadequate ventilation, poor air quality) can be managed if the design of the poultry house is appropriate for the conditions. Heat stress
has detrimental effects on egg production, egg quality of laying hen and reduced growth rate in broiler production. Exposure of environmental stress during the growing period of broilers has been coupled with undesirable meat quality. Heat stress has adverse effects on behaviour, welfare and immunity of poultry and decreases the egg production resulting in massive economic losses of farmer. The management approaches to minimise the adverse effect of heat stress in poultry production viz., provision of ventilation, density of bird, nutritional manipulation, supplementation of minerals and electrolyte. Controlling the environmental variation is a critical to successful poultry production and welfare.

8. Litter management: Poultry litter is used in confinement buildings for raising broilers, turkeys and other birds. Broiler litter is the material used as bedding in poultry houses to absorb faecal waste from birds and to make the floor of the house easy to manage. Litter should be light, friable, non-compressible, absorbent, quick to dry, of low thermal conductivity and – very important – cheap. The litter quality in a shed is determined by the type of diet, the temperature and the humidity. Proper house ventilation is the primary and one of the most basic means available to maintain good litter quality and proper poultry litter management.

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March 31st, 2021 Bangkok, Thailand | VIV Asia, the complete Feed to Food global trade show in Asia, is postponed to January 12-14, 2022, as announced by the show organizers VNU Asia Pacific and VNU Europe. Meat Pro Asia, Asia’s leading processing and packaging trade fair for egg, poultry, meat, seafood & food products, organized by Messe Frankfurt (HK) Ltd. and VNU Asia Pacific is also postponed to be co-located with VIV Asia. Two international leading events for the animal protein production business in Asia, under one roof: an unprecedented and remarkable opportunity. VIV Asia and Meat Pro Asia will take place on January 12-14, 2022, at the Challenger Halls – IMPACT, Bangkok. Thailand based on the announcement by The Ministry of Tourism and Sports on a new four-phase plan that would see the country fully opened to international visitors by January 2022. “Our new dates and plan are aligned with the announcement from the Thai Government to fully reopen by January 2022.” said Heiko M. Stutzinger, Director VIV worldwide and Managing Director VNU Asia Pacific and VNU Europe. “As for VICTAM and Animal Health and Nutrition Asia, the organizers are working on a forward-driven solution in order to synergistically combine the events in Bangkok. All details and implications for partners and customers regarding the new set-up will be communicated in the coming weeks.” added Stutzinger. VIV Asia and Meat Pro Asia postponement. “The reason for this step into 2022 is our strong commitment to offer our clients a truly international platform in Bangkok. Stakeholders from all over the world should be in the condition to participate and make the 3-day event a real booster for business. We strongly believe that the new dates will benefit all parties and stakeholders planning to attend VIV Asia” said Zhenja Antochin, Senior Project Manager VNU Europe. “Thanks to the good cooperation with our partners, we were able to secure a prime timeslot for VIV Asia and Meat Pro Asia in 2022. From this postponement our exhibitors and visitors can expect a fruitful and safe event.” said Panadda Kongma, Director Agribusiness and Operations VNU Asia Pacific. Digital event heading up to the in-person dates Prior to the in-person trade shows in January next year, VIV Asia and Meat Pro Asia will organize a digital event in September 2021. Offered to both events exhibiting companies as a complimentary business opportunity, the online platform will maximize exposure for exhibitors and provide a convenient sourcing option for buyers from all over Asia during this year. Networking and knowledge sharing sessions will also be facilitated through the platform. More details on the digital dates will follow in due course.
New White Paper: Includes Expertise for Pullet Rearing Ventilation, Light Trap Selection and Installation.

The Cobb technical team is equipping the industry with new guidelines to improve pullet ventilation and the process of selecting and installing light traps in rearing houses. The newest white paper by Andrew Bourne, world technical services specialist, is a timely and important tool for industry professionals to review when designing, building, or updating ventilation systems. “Our team understands that the choice and installation of light traps can be critical,” said Robin Jarquin, director of world tech services. “That’s why we are pleased to share this new expertise with the industry as part of our commitment to support successful broiler breeder management.” Cobb continues to hear positive feedback from its customers about the quality and timeliness of its resources and support. This white paper is especially relevant now as the industry begins preparing for warmer weather and demand for higher air velocities in pullet rearing increases. It features critical information to consider when selecting and installing light traps, including:

- Criteria for comparing light traps and light filters.
- Tips for light trap choices and installation.
- Standards for rearing house air velocity and operating pressure.
- Information on how to size light traps.

“The expertise in these topic-driven white papers should be considered the best practices in the industry,” said Jarquin. “We know the industry finds them valuable, and they are some of the many ways Cobb supports customers.”
Poultry sector in India is a technocommercial sector with contribution of nearly 1.5 lakh crores to the GNP with about 6 million people being employed directly or indirectly. Agriculture drives poultry, the two major drivers of the sector are Corn and Soya. Poultry Feed forms 70% of the project cost either in Broiler, Layer or Breeder. Hence, this discussion forum is envisaged to outline the present feeding trends of poultry in India for efficient output. The Online Discussion Forum started sharp at 10.30 am on 27th March, 2021 by opening remarks from Dr. Mahesh P.S., Joint Commissioner & Director, CPDO&TI. He addressed about current shocking prices of Soya crossing Rs. 50/- per kg due to various global and national factors. Further he said that poultry sector cannot be in isolation in the present context because, Corn and Soya availability and price is influenced by weather conditions in Brazil, Argentina, United States and India on an annual basis. The present observations are severe wet conditions in Brazil preventing the harvest, high dry weather in Argentina reducing the crop, extended lean season in US with stocks completely exhausted. Local issues like unforeseen rains in Madhya Pradesh and Maharashtra during November, 2020 made Soya to suffer fungal infection forcing millers to crush the grain to create soya meal which was exported due to global lucrative demand. This observation set the note for further discussions. The present global crisis of grounding of ship "Ever Green" in Suez Canal impacting global movement of goods across Asia and Europe was also brought out. CPDO&TI is a trend-setting organization in offering online programmes from Sept. 2020. So far, three flagship programmes are rolled out. 1. Enterprenership in Poultry Awareness Week (EPAW), 2. Entrepreneurs Day (ED) and 3. Online Discussion Forum with specific objectives of basic awareness in poultry by EPAW, Success stories by ED and In-depth analysis of a topic by ODF. CPDO&TI launched its youtube channel by name CPDO&TI TRAINING and regularly streamed live episodes and uploaded past episodes by editing individual speaker videos. Team CPDO&TI developed a concept to create a Diary of past and present online events which led to the release of App "CPDO&TI" in Google Playstore Android Version on 27th March, 2021.
ROYAL PAS REFORM’S SMARTSTART™ SOLUTION DELIVERS BETTER RESULTS FOR DUTCH HATCHERY BUSINESSES

March 10, 2021 | News

Three of The Netherlands' leading hatcheries have adopted Royal Pas Reform’s SmartStart™ post-hatch feeding solution, which is proven to result in a significantly lower 7-day chick mortality. Elshuis, Munsterhuis and Schotman are all hatching chicks from the SmartStart™ system on a regular basis and have reported seeing the businesses benefit. SmartStart™ is a flexible post-hatch feeding solution that gives newly hatched chicks the earliest possible access to feed, water and light. SmartStart™ promotes the development of robust day-old chicks and helps to reduce the need for antibiotics. SmartStart™ comprises two key elements that can be applied individually, or together: precision feeding and intelligent lighting. In 2019, Royal Pas Reform, in collaboration with a European integration, designed and carried out a large field study to test the effect of SmartStart™ on first-week mortality in the farm in a commercial setting. Day-old chicks from SmartStart™ and regular hatchers were housed separately in the farm to monitor results. A total of almost two-million birds were placed during this trial – which was largely carried out during 2019, but which continues to provide new information on a daily basis. For each trial, the eggs were divided equally over the test and control hatchers, taking into consideration the breeder flock, flock age and egg storage time.

GLOBAL ANIMAL NUTRITION LEADER ALLTECH LAUNCHES HUMAN HEALTH COMPANY ACUTIA

Launched on March 24, 2021, Acutia, a wholly owned subsidiary of Alltech, combines science and sustainability to provide high-quality supplements that enhance everyday nutrition and improve long-term wellness. Alltech, a global leader in the animal health industry, is applying its more than 40 years of scientific innovation and proven nutrition expertise to human health. Launching on March 24, Acutia, a wholly owned subsidiary of Alltech, combines science and sustainability to provide high-quality supplements that enhance everyday nutrition and improve long-term wellness. “This is an exciting and pivotal moment in Alltech’s long history of improving nutrient value throughout the food supply chain,” said Dr. Mark Lyons, president and CEO of Alltech. “Acutia is a natural extension of our business.

Acutia’s initial line of products will be rolled out in phases, beginning with Acutia Selenium. This supplement provides immune system support, antioxidant benefits and essential nutrition and helps maintain healthy thyroid function. Acutia Brain Health, which will follow later this spring, provides support for cognitive health and brain function, as well as antioxidant benefits and essential nutrients, by combining selenium, vitamin C and plant-based omega-3 DHA. The selenium found in Acutia Selenium and Acutia Brain Health is made from a specialized, high-quality strain of brewer’s yeast to optimize the quality, absorption, safety and efficacy of the products. Rounding out the initial launch of supplements is Acutia Digestive Health, which will be available later this year. Acutia products are backed by the Alltech Life Sciences division, which conducts research on digestive health, cognitive health, brain function and cellular health. In 2019, researchers with Alltech Life Sciences achieved a breakthrough that offers a possible alternative to current insulin treatments for those living with diabetes.
**Event Calendar**

**Poultry India**  
Hyderabad, India  
**IPDL Expo**  
27-29 August, 2021  
Karnal, Haryana, India  

**VIV Asia**  
22-24 September, 2021  
Bangkok, Thailand  

**ILDEX Vietnam**  
21-23 July 2021  
SECC, HCM, Vietnam  

**Meat & Poultry Industry**  
17-19 May 2021  
Moscow, Russia  

**VIV Turkey**  
10-12 June 2021  
Instanbul, Turkey  

**Poultry Africa**  
1-2 September 2021  
Kigali, Rwanda  

**ILDEX Indonesia**  
24-26 November 2021  
Jakarta, Indonesia  

**VIV MEA**  
23-25 November 2021  
Abu Dhabi, U.A.E.  

**VICTAM and Animal Heath and Nutrition Asia**  
18-20 January 2022  
Bitec, Bangkok, Thailand  

**Canadian Poultry XPO**  
3-4 November, 2021  
Stratford, Ontario  

**VIV Europe**  
31 May-2 June 2022  
Netherlands  

**Avesui**  
13-15 April 2021  
America Latina  

**Agro & Poultry East Africa**  
9-11 April 2021  
Sarit Expo Center, Nairobi, Kenya  

**PIX/AMC**  
15-17 May 2022  
Australia
Kemin Launches Dry Cellulase ZyloCell™ to Support Biofuels Industries’ Low-carbon Initiatives

Converting corn kernel fiber to cellulosic ethanol delivers sustainable alternative fuel source

March 10, 2021 | -- Kemin Biofuels, part of Kemin Industries, a global ingredient manufacturer that strives to sustainably transform the quality of life every day for 80 percent of the world with its products and services, has expanded its enzyme portfolio with ZyloCell™, a unique dry cellulase for use in bioethanol plants that breaks down cellulose in corn kernel fiber for a low-carbon fuel source. ZyloCell is a cost-effective alternative to liquid enzyme formulation. In addition to increased bioethanol production, ZyloCell provides bioethanol producers the following benefits:

- 12-month stability for longer shelf life without refrigeration
- Concentrated for less storage space
- Dry powder for easier handling and accurate dosing

Cellulosic ethanol is an economically, socially and environmentally sustainable solution to reduce carbon emissions in the transportation sector.1

“The biofuels ingredients align with Kemin’s focus on sustainably transforming the quality of life by protecting the future of our planet. We are excited to offer this bioethanol solution to the industry,” said Penny Woods, Marketing Director, Kemin Biofuels.

“Cellulosic ethanol presents not only a financial opportunity for ethanol producers – the lower carbon fuel may result in a price premium under the California Low Carbon Fuel Standard (LCFS) and the federal Renewable Fuel Standard – but it also provides biofuels producers a low-carbon fuel alternative,” said John Phillips, Business Manager, Kemin Biofuels.

Zoetis Launches “Driven to Care” Sustainability Initiative and Long-Term Goals to Meet Commitments to Communities, Animals and the Planet

March 10, 2021 | PARSIPPANY, N.J.-- Zoetis Inc. announced its long-term sustainability goals, which build on the company’s purpose to nurture the world and humankind by advancing care for animals. Under the banner Driven to Care, Zoetis brings to life its specific commitments to Communities, Animals and the Planet, including support of 10 of the 17 United Nations’ Sustainable Development Goals (SDGs). With operations in 45 countries, Zoetis has the global reach and capabilities to champion a healthier, more sustainable future for all.

“While purpose has been a driving factor for Zoetis throughout our history, formalizing our goals and commitments integrates sustainability as a core strategy alongside innovation in animal health and supporting our customers. We are proud to unveil our Driven to Care goals which we built with the input and feedback of our Board of Directors and colleagues, as well as community and industry organizations, retail partners, and our customers. We will report on progress annually,” said Kristin Peck, Chief Executive Officer of Zoetis. As part of the company’s aspirations to support colleagues and cultivate a safe, flexible and diverse and inclusive workplace, Zoetis recently announced it received a score of 100 percent on the Human Rights Campaign Foundation’s 2021 Corporate Equality Index (CEI), the nation’s foremost benchmarking survey and report measuring corporate policies and practices related to LGBTQ workplace equality.

Innovate in Animal Health The second pillar of Driven to Care underscores how the company’s expertise in animal health will help solve sustainability challenges facing animals and people. With at least 75% of emerging infectious diseases having an animal origin, including COVID-19, the important connection between animal health and human health is more apparent than ever before.
1

INTERNATIONAL WOMEN’S DAY AT DEPARTMENT OF ANIMAL HUSBANDRY AND DAIRYING

March 8, 2021 | Celebrating Women’s contribution to the economy of our country, The Department of Animal Husbandry and Dairying celebrated International women’s day on 8th March, 2021 through a virtual webinar by connecting with the women entrepreneurs/ women health workers/women veterinarian and women Livestock farmers.

International Women's Day which is celebrated every year on March 8, recognizing and appreciating women's political, economic and social achievements over the decades. The Department of Animal Husbandry and Dairy is celebrating International Women's Day for past few years. India being agriculture based country, livestock rearing is an integral component which is largely in the hands of women. Most of the livestock farming activities such as fodder collection, feeding, watering, and health care, management, artificial insemination, milking and household-level processing, value addition and marketing are performed by women. Women constitute about 69% of workforce engaged in livestock sector. About 5.33 million women are members of dairy cooperative societies (DCS) and around 33,000 exclusive women dairy cooperatives societies have been formed across the country.

2

KEMIN INDUSTRIES EXPANDS CHROMIUM PORTFOLIO WITH LAUNCH OF KEMTRACE® CHROMIUM-OR FOR USE IN ORGANIC LIVESTOCK, BROILER AND HORSE DIETS

DES MOINES, Iowa, Feb. 9, 2021 /- Kemin Industries, a global ingredient manufacturer that strives to sustainably transform the quality of life every day for 80 percent of the world with its products and services, has recently launched KemTRACE® Chromium-OR – an organic-compliant chromium propionate feed ingredient for use in swine, cattle, broiler and horse diets. KemTRACE Chromium-OR is a highly bioavailable, organic-compliant source of chromium propionate that helps improve glucose utilization and reduce the negative impacts of stress for increased cellular energy and function. This results in improved maintenance, reproduction, growth and immunity for swine, cattle, broilers and horses. The Organic Materials Review Institute (OMRI) is an international nonprofit organization that provides an independent review of product inputs – including livestock feed ingredients – intended for use in organic production and processing. OMRI is recognized by the United States Department of Agriculture (USDA) National Organic Program (NOP) as a reputable third-party reviewer and is accredited under the International Organization for Standardization (ISO) 17065 by the USDA Quality Assessment Division. KemTRACE Chromium-OR has been reviewed by OMRI against the USDA NOP standards.
Novus Animal Nutrition India Hires Dr. Krishnamurthy D as Sales Director for South, East India & Sri Lanka

Chennai, Tamil Nadu – March 1st, 2021
Novus Animal Nutrition (India) Pvt. Ltd. hired Dr. Krishnamurthy D as Sales Director South, East India & Sri Lanka. Dr. Krishnamurthy will be responsible for sales function for South, East India & Sri Lanka region reporting to Neeraj Kumar Srivastava, Managing Director – South Central Asia. Dr. Krishnamurthy brings with him 19 years of experience working across the sales & technical function with Provimi Animal Nutrition, India. He holds Masters in Veterinary Science and Animal Health from University of Agriculture Sciences, Bangalore. Dr. Krishnamurthy, said I am excited to join Novus International, a global leader in animal nutrition & health, which believes in adding value to customer’s business through unique, innovative & sustainable solutions in animal agriculture. I look forward to driving the business in the region to even greater levels of success through honoring & patronizing the Novus’s core values of “Maximize long-term customer satisfaction” and “Provide products & services with demonstrable value” to our customers. Neeraj Kumar Srivastava, MD of Novus Animal Nutrition (India) Pvt. Ltd., said we are very excited to have Dr. Krishnamurthy on board, his depth of experience, technical knowledge and management capabilities will complement our growing team.

March 1, 2021 | Robotics engineer Konrad Ahlin has been named the R. Harold and Patsy Harrison Research Faculty Fellow in Poultry Technologies at the Georgia Tech Research Institute’s (GTRI) Agricultural Technology Research Program (ATRP). The fellowship, made possible through an endowment from the R. Harold and Patsy Harrison Foundation, recognizes innovative, promising early-career research faculty interested in exploring breakthrough applied engineering and science research to address poultry industry challenges. Ahlin is the first recipient of the newly established three-year fellowship. Ahlin, who earned a Ph.D. in Robotics from Georgia Tech and joined GTRI in 2018 as a Research Engineer II, will focus his research efforts on enabling robots to handle uncertain and unpredictable objects like poultry products with the same reliability and repeatability as human operators. An expert in robotics, controls, and path planning, Ahlin aims to figure out exactly how to identify, grasp, and manipulate products from the birds coming into the poultry plant to the chicken nuggets going out. Successful implementation of more advanced robotics in the industry will not only increase production efficiencies but will also alleviate some of the labor concerns of manual operations while ultimately giving a boost to food security. “It is truly an honor to be recognized in this way. Thank you to the R. Harold and Patsy Harrison Foundation, GTRI, and ATRP for this opportunity. I’m looking forward to tackling the poultry robotics challenge,” said Ahlin. Established in 1973, ATRP develops advanced technology in support of Georgia’s multibillion-dollar poultry industry, the state’s leading agricultural sector. The technologies help poultry processors optimize operations and improve efficiency, safety, product yields, and environmental sustainability.

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IDMA AND VICTAM EMEA 2021 WILL TAKE PLACE IN MAY 2021

IDMA and VICTAM EMEA 2021 will take place in May 2021. As the world cautiously attempts to retake momentum at the tail-end of the pandemic, Victam Corporation and Parantez Group are excited to announce that the IDMA and Victam EMEA exhibition and conference will be held from May 27th – 29th of 2021 at the Istanbul Expo Center in Istanbul, Turkey. The decision to proceed was based on several factors, primarily the relative stability and positive forecasts of the Covid-19 situation in Turkey. Vaccination programs currently underway in several countries across the globe are expected to bring some global relief in the second quarter of this year. As such the Turkish government has allowed business events to proceed bidding all measures are taken. Uncertainty as to whether the event would take place, has led to hesitation amongst international exhibitors. Turkish companies however, are noticeably more positive and many have confirmed their participation.

In spite of the global uncertainty, the event has sold over 5,000 square meters, surpassing its pre-pandemic expectation. In light of the positive market reception and with the event three months away, we have created an alternative exhibition format for international companies keen on being present, yet unable to commit to travelling. We are offering a hybrid on-line/off-line presence which allows companies to exhibit with a fully-branded and equipped stand including a local bi-lingual host to welcome and connect visitors to the exhibiting team at the office via live-stream. We are confident that this hybrid participation format will enable international exhibitors to tap into this market potential with the brand presence and personal contact with targeted industry contacts (via live-stream) that one is accustomed to at events, whilst not bearing risk. Exhibitors will be 100% refunded should the event not be able to take place at this date. Throughout the challenging circumstances at present, we uphold our mission to present a strong and value-adding industry event with high benefits for all parties involved. The IDMA and Victam EMEA event is strongly supported by associations from Turkey and many other countries in the Middle East and North Africa. The event will take place in accordance with the Turkish Covid-19 safety measures to ensure the safety of all participants.
March 10, 2021 – Bangkok, Thailand: VNU Asia Pacific has organized the Exclusive Dinner Talk on Food for Good: Best Practices and Lesson Learned in Bangkok. This exclusive event gathered industry leaders to network and share their insightful knowledge from the C-Level including Minister of Agriculture and Cooperative and Thailand Convention and Exhibition Bureau, to share the market overview in different perspectives. Mr. Heiko M. Stutzinger, Managing Director of VNU Asia Pacific and VNU Europe/VIV Director led the panel discussion which was the key highlight of the event. It had the privilege to include the two leading companies in Livestock-Food industry, Charoen Pokphand Foods and Betagro, along with Food Processing Industry Club, Federation of Thai Industries. The 3 speakers touched upon on the topics “How to put our heart into Food Production / People’s Productivity / Packaging and Branding” for all attendees to learn and bring important notes to apply with their business management. The Dinner Talk was conducted in a hybrid form where the 170 guests were present at the venue while having 100 international virtual attendees via the livestreaming.
probably even become part of these outstanding exhibitions where you’ll meet many stakeholders”.

“Bangkok has won second place in Asia coming only behind Kyoto, Japan on the Global Destination Sustainability Index. I believe we are all impressed with this, but we all know ranking goes up and comes down. The best we can do to maintain the sustainability is undoubtedly to work with more determination” said Mr. Chiruit. He added that “TCEB has recognized the importance of the trade exhibition role as the world’s growth engine. This prompts the bureau to encourage tradeshows particularly those that help strengthen Thailand’s development goals.” Mr. Prinn Panitchpakdi Chairperson of the Agribusiness Committee, Ministry of Agriculture and Cooperatives, and Advisor to Deputy Prime Minister delivered a keynote address focusing on the need for the public and private sector to work together to tackle the malnutrition crisis which is affecting people around the world. Mr. Panitchpakdi further suggested that “Corporates today should have social entrepreneurship mindset that creating a positive impact to society at large will also mean good business, which is easier said than done, it can only happen if you shift your conviction and DNA of your corporate”.

How to put our heart into FOOD PRODUCTION / PEOPLE’S PRODUCTIVITY / PACKAGING AND BRANDING

Mr. Prasit Boonduangprasert, CEO of Charoen Pokphand Foods (CPF) was sharing on how CPF puts their heart into food production. Mr. Prasit described that “the goal of CPF is to provide nutritional and affordable food to all levels of consumers. To achieve this the company has integrated technologies such as AI, IoT, and robotic to improve efficiency in all processes from feed mill to slaughterhouse to logistic and to the table.” He further pointed out that “the other important part is to invest in people, people is the most important asset as they are the ones who are putting their hearts into the operation, into food” Mr. Jakkrit Taepaisitpong, Executive Vice President of Betagro Group, shared Betagro’s lesson learnt on People’s Productivity that it was achieved through the integration of everyone under one thought, one goal & direction, and one team in order to make the people realize their values to the company and the industry. With the key point in communicating to understand altogether the business goal and direction. Mr. Jakkrit concluded that “The balance between profit, people, and the planet is how we put our heart into people productivity. of food packaging
Corporates today should have social entrepreneurship mindset that creating a positive impact on society also means good business. That is easier said than done but it can happen if you shift your conviction and your business DNA.

Significantly. The key aspect is to have an attractive packaging design, being reusable and sustainable. New technology Mr. Visit Limlurcha, Chairman of Food Processing Industry Club, the Federation of Thai Industries shared his view on how to put the heart into packaging and branding. Mr. Visit was explaining that "As food safety’s concern and food delivery have become prominent during the COVID 19 pandemic, the importance such as RFID tracking systems is also being used on the packaging together with automation technology" Mr. Visit added that “Moreover, many producers are putting more information on the label with a QR code for consumers to learn about the products”.

Special thanks to our Platinum sponsors Ceva Animal Health and Big Dutchman as well as Munters as a Gold sponsor. The event was also supported by Thailand Convention and Exhibition Bureau (TCEB) and our media partners Asia Food Beverage Thailand, Bangkok Post Group, Food Focus Thailand, INNOLAB Magazine, Kom Chad Luek Newspaper, Pasusart News, and Thansettakij Newspaper. VIV Asia and Meat Pro Asia will continue to strengthen and complete the animal protein production value chain and be the market and learning place for the industry through upcoming events. Stay tuned at www.vivasia.nl and www.meatpro-asia.com or contact VNU Asia Pacific at +662 1116611 (Bangkok’s Office).
ELANCO TO EXPAND ITS PORTFOLIO OF ANTICOCCIDIALS

Elanco Animal Health Incorporated is expanding its portfolio of anticoccidials with the launch of three antibiotic alternative intestinal integrity products, ZoaShield and Clinacox, and the non-medicated feed ingredient Cosabody. These products represent three of the five new Farm Animal product launches expected in 2021. Coccidiosis is one of the top concerns of poultry producers. This portfolio expansion allows Elanco to better serve Raised Without Antibiotics (RWA) customers and provides a broader suite of solutions to both conventional poultry producers and turkey producers looking for coccidiosis control. Expected introduction of the products is spring 2021. “At Elanco, we are dedicated to helping customers face their ever-changing poultry health challenges,” said Jose Simas, EVP of U.S. Farm Animal Business at Elanco. “This portfolio expansion is evidence of our further commitment to meeting the unmet needs of producers with antibiotic alternatives, while protecting the health of animals and embracing what consumers want.” When producers use ZoaShield, Clinacox, Cosabody, or any of the Elanco intestinal integrity products, they receive consultative support from Elanco field experts who have extensive industry experience and knowledge, allowing them to tailor solutions to all types of poultry operations. “Our team of experts are dedicated to improving the health of our customers’ birds and their operations,” said Andrew Carlson, Executive Director of U.S. Poultry and Nutritional Health at Elanco. “The addition of ZoaShield, Clinacox, and Cosabody provides producers a broader range of poultry health solutions with a focus on prevention.” Elanco has been the leader in intestinal integrity for many years, and we are committed to continuing to advance new solutions that provide poultry producers with the highest quality products to help deliver the best in animal care.

INVESTIGATION FINDS FOREIGN METHIONINE HAS BEEN ILLEGALLY DUMPED IN THE U.S.

he U.S. Department of Commerce (Commerce) announced its preliminary determination that methionine imports from France, Spain and Japan have been illegally dumped in the U.S. This follows a unanimous decision on 11 September 2020 by the U.S. International Trade Commission (ITC) that there is reasonable indication that the U.S. methionine industry has been materially injured by imports sold by the three countries at less than fair value. Novus International, Inc. filed antidumping petitions on 29 July 2020 requesting that the ITC and Commerce formally investigate methionine imports from the countries of France, Spain and Japan consistent with the World Trade Organization Antidumping Agreement. The petitions include information regarding the increase in methionine imports from 2017-2019 that led to substantial price depression and harm to the domestic methionine industry. Dumping, as an illegal activity, is taken seriously by the international trade community and governments have processes in place to ensure proper investigations occur. “This preliminary decision confirms what we believed – that our industry has been harmed by unfair trade practices,” said Ed Galo. Novus vice president and chief commercial officer – Americas. “Fair and competitive trade is critical to the health of our industry and all industries. Novus is grateful that the ITC and Commerce exists to ensure fair trade for all.”
The ultimate poultry magazine to the best articles on each vertical of poultry
EVONIK RECOGNIZED AS A LEADING CONTRACT MANUFACTURING ORGANIZATION FOR THE PHARMACEUTICAL INDUSTRY FOR THE FOURTH YEAR IN A ROW

March 2, 2021 | Essen, Germany. Evonik, one of the world’s largest contract development and manufacturing organizations (CDMO) for active pharmaceutical ingredients (APIs) and advanced intermediates, has been recognized as a recipient of the 2021 CMO Leadership Awards across all six categories for the fourth year running. Winners are chosen through market research based on feedback from pharmaceutical companies that utilize outsourcing services. Evonik’s success confirms the company’s outstanding performance and value to the pharmaceutical and life science industries.

As one of the world’s top CMOs for active pharmaceutical ingredients and intermediates, the Health Care business line is part of the life science division Nutrition & Care and represents a key growth lever for Evonik. To meet growing customer demand for its CMO services, Evonik is expanding its production capacity at two sites in Germany, as announced in May 2020. “To be recognized by our customers as a leader for the fourth time in a row is a tremendous honor,” said Thomas Riermeier, head of Evonik’s Health Care business line. “This award further validates our position as a preferred development and manufacturing partner for pharmaceutical, biotech and life science companies.”

Kemin Food Technologies Expands its Technical Team in North America

Des Moines, Iowa (March 16, 2021) – Kemin Industries, a global ingredient manufacturer that strives to sustainably transform the quality of life every day for 80 percent of the world with its products and services, recently announced the addition of two new members to the technical team for Kemin Food Technologies – Americas. Daiki Murayama has joined the business unit as Associate Scientist, and Michael Cropp has joined as Technical Services Associate. “We are excited to have Daiki Murayama and Michael Cropp join our team of experts,” said Lan Ban, Director of Research and Development, Kemin Food Technologies – Americas. “Kemin is committed to innovation, and we continue to expand our ingredient solutions to help manufacturers meet label goals and ensure product success. With the recent expansion of capabilities within the bakery and protein industries, Kemin has many groundbreaking technologies on the cusp of development. Daiki and Michael help further strengthen and support our technical expertise around these innovative solutions.”

As Associate Scientist, Daiki Murayama will investigate the fundamental mechanisms of ingredient action and support the integration of newly identified technologies. Murayama is an innovative and passionate food chemistry expert with an extensive education. Identifying new ingredient blends, he will utilize these findings to optimize new production conditions within Kemin’s extensive line of food ingredients. In addition, Murayama will be responsible for leading the development of new emulsifiers and enzyme blends within the tortilla industry to meet the growing demand for clean label alternatives to traditionally used options. As Technical Services Associate, Michael Cropp will provide commercial technical support to the Kemin Food Technologies – Americas sales team and the business unit’s customer-partners. He will lead new product application testing and identify customer-driven product innovation opportunities, including support for the integrational protein product platforms. Cropp has an extensive background within the meat industry, including an internship with Tyson Foods.
DSM ANNOUNCES NEW SUPERVISORY BOARD CHAIRMAN AND PROPOSES NEW SUPERVISORY BOARD MEMBER

Heerlen, NL, 04 Mar 2021 | Royal DSM, a global science-based company in Nutrition, Health and Sustainable Living, announces that Mr. Rob Routs will retire as Chairman and member of the DSM Supervisory Board at the close of the Annual General Meeting of Shareholders to be held on 6 May 2021. The Supervisory Board has appointed Mr. Thomas Leysen to succeed him as Chairman. Furthermore it announces that the Supervisory Board will nominate Mrs. Corien M. Wortmann-Kool to join as a new Supervisory Board member. Rob Routs has been a member of the DSM Supervisory Board since April 2010 and Chairman since May 2011. He was reappointed for a final term by the 2020 Annual General Meeting of Shareholders to facilitate a smooth transfer and continuity to the new Co-CEO leadership structure.

POULTRY TECH SUMMIT 2021 IS NOW ACCEPTING TECH AND INNOVATION ABSTRACTS

March 31, 2021

Poultry Tech Summit 2021 is seeking completed applications for both innovation and technology presentations, due 30 April. Submissions of innovations and technology presentations applicable to any point in the poultry live production, processing or distribution supply chain are encouraged. Poultry Tech Summit is scheduled as an in-person event on October 31 – November 2, 2021, at the Georgia Tech Hotel & Conference Center in Atlanta, Georgia, USA. Because of the pandemic’s impact on international travel, Poultry Tech Summit will consider submissions for virtual presentations, but preference will be given to presenters who can attend the in-person event.
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