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January - February 2010

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POULTRY

middle east & north africa

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XIIIth European Poultry Conference

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On behalf of the French Organizing Committee, the International Scientific Committee, and the French branch of WPSA, we are pleased to invite you to the XIIIth European Poultry Conference in Tours, France. The conference will take place on 23-27 August 2010 and will include such subject matters as recent scientific findings progress where technical experience and solutions to help the poultry industry face its evolution, will be shared.

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A walk down Memory Lane Poultry Middle East & North Africa since 30 years

See page 8



Front left to right: Dr. Vincabini (Italy), Dr. Talal Nassar (Jordan), Eng. Said Obeid (Lebanon)

In May-August Issue in 1981, we published a seminar coverage for Elanco Company, held in Sheraton Hotel- Jordan.

Dr Talal Nassar from Jordan was one of the lecturers; he talked about layers industry development in Jordan and Mycoplasma & its economic losses.

Eng. Said Obeid, Elanco representative (at this period) in Lebanon & Kuwait, Dr Elias Oweiss, was Elanco technical coordinator, Dr Vincabini (Italy) & Mr J. Scalaber talked also about poultry production & Elanco products.

Special File for Sudan

See page 15-34



In this issue, we publish a special file for Sudan after the visit of "Poultry" MENA magazine to Khartoum- Sudan, represented by Christiane AOUN, Editorial Manager & Joelle Karam , Public Relations Coordinator to cover the first edition of Poultry Industry seminar: Challenges & Solutions organized by Lana for Veterinary Services & the Spanish company Liptosa, that under the slogan: "Sudan is speaking".

Therefore, we met Dr Faysal Hasan Ibrahim, Minister of livestock & Fisheries, we visit the Faculty of Veterinary Sciences in addition to some factories and companies such as Kenana, Al Qaris, Anaam...

Our visit to the Ministry of Livestock & Fisheries

See page 16



During our visit to Sudan, we met Dr Faysal Hasan Ibrahim, Minister of livestock & Fisheries who received us warmly & thank us for giving this high interest to the animal production in Sudan, he gave us some information about the

animal sector, then he presented us the undersecretary Dr Mohammed A. Razig A. Aziz who answered our questions and gave us detailed information about the animal field in Sudan:

- Historical view of Poultry breeding in Sudan
- Poultry Breeding in Sudan (Facts & Figures)
- Future of this Industry
- Mycotoxins in feed & their impacts on Animal Health.



Interview with Mr. Mohammad Abbas Mohammad Ahmad

See page 22

During our visit to Sudan, "Poultry' MENA Magazine visited "Al Qaris Agricultural & Animal Production" company and had a little interview with Al Qaris owner and chairman of board Mr. Mohammad Abbas Mohammad Ahmad who introduced the history and the field of activities of the company.

The company was established in 2004 as a company of agriculture and animal production on 123 acres with a Sudanese fund.

As for the egg production, the project produces about 60 million eggs per year. The project is considered as one of the biggest and modern table egg production projects in Sudan.

The farm includes 10 houses for breeding, the



capacity of one of these houses is about 27 000 chicks. The yearly production of broilers is about 2000 tons per year.

Al Qaris will expend in egg production as well as in broiler production as a source of protein. The government is about to encourage investments especially in poultry field. More than 200 Sudanese employees are working in the company and there are a lot of vacancies that Al Qaris can assure.



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Dajen Company for poultry production (MICO Poultry)

See page 24

Establishment of the company

The first step in the company started in 2003 with MICO Company for poultry production as a private company. The purpose of the company was to execute complete projects to produce broilers with productivity of 2 million tons per year. In that time 4 broiler houses with productivity attaining 700 thousand broilers per year in 2004.

Ministry of Agriculture

The contract between the ministry of agriculture and Dajen Company affected the



industry positively by: Self-sufficiency and avoiding the dangers of importing, job creation and training the technical staff, increasing the consumption of white meat per capita by increasing the offer, achieving profitability for shareholders...

Poultry Industry Conference Challenges & Solutions (1st Edition)

See page 26



1st Poultry Industry Conference: Challenges & Solutions (1st Edition) under the slogan: "Sudan is speaking", organized by Lana for Veterinary services & Liptosa, a Spanish company, in

Khartoum- Sudan in Grand Holiday Villa overlooking the Nile river and that under the auspices of the Minister of Livestock & Fisheries Dr Faysal Hasan Ibrahim and the presence of Poultry MENA magazine.

A paper entitled "Role of The Sudanese Standards and Metrology Organization (SSMO)" was presented by Dr Othman Ahmad Othman Mohamad, it is related to Sudanese product quality & protection.

Mr Alberto Olias Carchenilla, Liptosa sales Manager in the Middle East talked about the company and its products

Dr Laura Munoz Gutierrez from Liptosa talked about Mycotoxins & their economic losses.

Dr Ahmad El Jack welcomed all the attendances & showed his happiness in such event.

Anaam a company for limited feeds

See page 29

"Poultry" MENA Magazine, represented by its Editorial Manager Christiane Aoun and Public Relation coordinator Joelle Karam and the magazine's correspondent in Sudan Dr Ahmad EL Jack with a team from Libtosa Company, visited the factory of Anaam company for limited feeds where Dr. Salah Abd El Dafeh Abd El Kader welcomed them.

Anaam Company is a private Sudanese and Arabic stock company established in 1973.

The production capacity of the factory is 35 tons per hour with 3 production lines, as well as the company takes care of all kinds of feeds.

The company is considered as one of the biggest Sudanese companies and a leader in exporting feeds in Sudan. They exported to KSA and Eretria, and actually they are exporting to Jordan.



Faculty of Veterinary Science Seminar & Interview with dean prof. ElGilani

See page 30-31

Durant our stay in Sudan,
MEAP attended Liptosa
seminar at the Faculty of
veterinary sciences it was
about Mycotoxins.

We also had a small
interview with the dean of the
faculty prof. Elgilani Ali Al
Amin who gave us several
important information about
the faculty & its activity.



-ALPHARMA (Belgium):

- Cycostat (Granular)
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- DL-Methionine (Feed Grade)

-AB Foods (Turkey):

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-SA Bloproducts (South Africa):

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-Jubilant Organosys (India):

- Choline Chloride



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Newcastle Disease

By: *Dr. Turqi Sarakbi*
See page 36



The first infection of Newcastle disease was in 1926, hundreds and thousands of books, magazines, and studies... were written on this disease.

Newcastle virus belongs to paramyxoviruses of 9 kinds of serotypes (AMPV-1 to AMPV9). It is still the most important disease for poultry between these serotypes. All the birds are subject to infection, but the results differs between different types.

The virus is transmitted through respiration, inhalation, and contact with mucous membranes... environmental factors could affect the transmission in dangerous way.

The control can be done by applying biosecurity measures, preventive incubation against the disease to assure a good prevention by vaccination. Commercial vaccines available from about ten years are still used in prevention programs, noting that there is no effective vaccination program available without a high bio-security measures.

Lighting

By: *Mosaad El Habchi*
See page 44



It is the visual ray from the range of electromagnetic spectrum, spread in a circle with different frequencies. The longest wavelength varies from 4000 angstrom to 1.000000 millimeter. This gives the sensation of the violet color, the same for the lighting ray where the length of frequencies is about 7600 angstrom that gives the sensation of the red color, and between these two colors there is a wide range of different colors.

Your guide in poultry Industry

By: *Dr Walid Al Saleh (CEVA)*
See page 48



As we discussed in 2009 about the vaccination techniques and vaccination failure its mandatory this year to go through the other important part in the poultry industry which focus on management and to start from the chick which is the first part of the long chain, so we have to collect all the data needed about the source of the Day old chick which is the (Mama) or breeder flock enable to Assembly the full picture about the chick, the hatchery from where the chick comes, the brooding system, transportation system, and what is the standard in the farm as we receive the chicks. The Ventilation, density and other factors which may affect the final result of the flock, accordingly we will go very deep this year in such aspect enable to minimize the factors that minimize our profits.

Interview with Professor Nadir Alaoui, a leader of the Arab Poultry Industry

See page 50

Poultry MENA Magazine continues this year to publish interviews in every issue with a leader of the Arab Poultry Industry to benefit from their experiences and their success. In this issue, Dr. Nadir Alaoui was interviewed by our correspondent in Algeria Dr. Abdel El Hafiz Bounab .

Dr Alaoui, is a lecturer, a researcher at the University of Batna in Algeria, president of the Algerian branch of WPSA, studied in (E.N.V) National School of veterinary... Now he is the director of the poultry department in the university, a member of ISAH: international society animal hygiene.

As per Dr. Alaoui, the government has given a great importance and care for the scientific research in the field of agriculture, to find a strategy in the research and the technological development. We have a little of information on scientific research.

The dangers of randomness in poultry industry

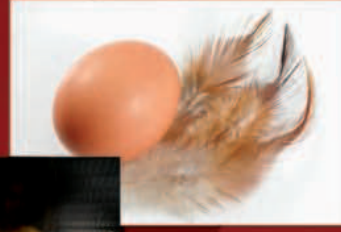
By: *Dr. Mohamad Al Moubarak Al Sanhoury*
See page 54

Often does come to the mind of the new investor or the new breeder the big profit margin in the field of investment because of the rapidity about the volume of investment, the profit, and the retrieval of funds. The investor plunges to execute the project further to a formal delusive non-technical study and after running the project he will be surprised by tons of problems falling not taken into account, as well as the dangers of the industry. All this can be summarized in one word, "Randomness".

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English Abstract

Interview with Mr. Jan Van Alten Intraco General Manager

See page 60

On the sidelines of the visit of Mr. Jan Van Alten Intraco (Belgium) General Manager, was interviewed by our representative in Yemen Dr Turqi Sarakbi.

He talked about the Yemeni market; he gave several information about Intraco, its activity & its strategies...

Vitamin A deficiency in poultry diet

By: Dr Adnan Al Karmaki

See page 62

Vitamins are chemical substances essential for the metabolism and the organism.

Birds need a small quantity estimated in ppm and more for growth and production. Vitamin A is one of those vitamins.

The writer detailed the clinical symptoms of vitamin A deficiency in this article.

Necrotic enteritis in commercial poultry production: How probiotics can play a role!

By: Michaela Mohnl DI(MSc)

See page 64

Intestinal diseases are an important concern of the modern broiler poultry industry, because of lost productivity, increased mortality, reduced welfare and the associated contamination of poultry products with pathogenic bacteria and/ or their toxins (Dahiya et al., 2006). Necrotic enteritis (NE) is the most common and financially devastating bacterial disease in modern broiler flocks...In the commercial poultry industry there are many management tools used to control enteric pathogens including antibiotics, vaccines, acidifiers, phytogenics, prebiotics and probiotics. Competitive exclusion (CE) strategies and the use of specific probiotics and synbiotics have been shown to be an effective means of manipulating or managing the composition of the microbial population in the gastrointestinal tract of poultry and thus protecting poultry flocks from infections with pathogenic bacteria.



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Soybean meal quality and poultry projects

By: Eng. Ashraf Khalil
See page 68



From the very beginning of time, soybean is much known but its wild roots remain unknown. At first it was planted in china, Mongol, and Egypt. Many signs showed that Chinese and Egyptian are the first people to plant soybean and to use it as a source of protein in

human and animal nutrition. Until these days, soybean is part of the food of that region. Although Chinese and Egyptians ate a lot of soybean, the modern civilization did not use soybean until the last century. Through studies, experts discovered good results, by controlling inhibitor materials for growth that affect negatively livestock and poultry. The soybean meal became the most demanded sources of proteins in the world and an association for soybean producers was established (American Soybean Association) in the USA. The world production of Soybean has been developed in crescendo because of the growing human and animal demand as a secondary product. Through industries based on soybean, many principal products like soya oil, soybean meal, and other products...

When soya seeds are delivered to be manufactured, the purpose is to get essential products like soya oil used in human and animal nutrition. The second product is the hulls, a product used in manufacturing animal feed for the high proportion of fibers in it.

Any individual or technician or even nutrition experts working in poultry feed can recognize the quality of soybean meal from amino acids side by physical methods. The decision is left to the laboratory technician or the nutrition expert whether the quality is good or no, by the reaction of birds in the farm.

Between the past & the Present Infectious Coryza

See page 82

Since 30 years, Eng. Fouad Fleifel wrote in our magazine an article about Infectious Coryza. We republish this article in this issue and we invite our readers to read it.... So nowadays are there any changes concerning this disease? What about symptoms, prevention & treatment?

Problems of Poultry Industry in Jordan

By: Eng. Ahmad Khreisat
See page 84

In this article, the writer points several problems related to poultry industry in Jordan, he divided them into 3 main groups:

- A- Problems related to production process
- B- Problems related to poultry product marketing
- C- Organizational problems



TECNOZOO POULTRY PRODUCTS HIGHLY CONCENTRATED VITAMINS AND ESSENTIAL OILS

By: Tecnozoo
See page 98



Intensive breeding systems involving a genetic selection of the most productive animals, farmed in high concentrations per unit of surface area, have a negative effect on the reared animal's response capacity.

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50% larger than its predecessor

AGRAME was acquired by IIR Middle East, the region's largest exhibition organiser in July of 2006 and since then it has witnessed an unprecedented growth in terms of both exhibitors and visitors. Held in Dubai annually - the trade hub of the Middle East, AGRAME encompasses four distinct yet closely linked exhibitions under one roof. The event showcases the latest advances in agriculture & irrigation; animal husbandry & poultry farming; floriculture & horticulture and fisheries & aquaculture for the GCC region. For the 2010 event, AGRAME is excited to introduce the all new machinery & supplies exhibition. This particular sector within AGRAME will focus on satisfying the growing demand of agriculture machinery and equipments in the Middle East.

AGRAME 2010 promises to be the largest event since its launch with 50% additional exhibit space as compared to the event in 2009. More than 90% of the space for the event is already booked. Some of the leading companies that have confirmed their participation for the 2010 event include AIMCO, Alltech, HH Technologies, Walinga, Stork Food Systems and Indigrow.

The Middle East Agro-Industry

Keeping the region's demand for food in check

According to a report published by the Gulf Research Center (GRC), rapid growth in the population of the Gulf Corporation Council (GCC) countries will continue and the total figure is expected to reach 39 million by 2010 and 58 million by 2030. This rapid growth in population alongside

the influx of tourists and increased demand for staple food has urged the Middle East to make all efforts to remain afloat in the global food crisis.

Although the global recession is widely spread, the Middle East backed by availability of natural resources and disposable income, is proving to be resilient. The region's investments in agriculture related technology and equipments, fishing equipment, horticulture, foreign land acquisitions and mergers are increasing as an attempt to abstain from food shortage.

VETme 2010

Co-located event to capitalise on joint synergies

AGRAME will co-locate VET Middle East, a dedicated event for the growing veterinary market in the Middle East, presenting the latest veterinary technologies, equipments, medicines and other products and services. The event will also feature a dedicated conference for the veterinarians in the region.

FREE AGRAME Seminar Programme

The seminar sessions will cover all sectors of the event and will be addressed by the AGRAME exhibitors, industry leaders and technologists from all over the world. These sessions will provide an in-depth knowledge about innovations & technological advancements in the agriculture industry as well as economical & commercial benefits of the use of products that are new to the Middle East markets.....

For more details on the event, please contact www.agramiddleeast.com

The next European Poultry Conference will take place in France!!

The XIIIth European Poultry Conference will be held from the 23rd to the 27th of August 2010 in Tours (France). This event is organized by the French branch of the World's Poultry Science Association (WPSA) with support of the INRA, AFSSA and ITAVI.

This congress organized every 4 years, addresses to all participants of poultry production and attract around of 1000 attendees from more than 70 countries. This inescapable meeting offers a great opportunity to meet experts from all over the world. It allows to have exchanges and to obtain the more recent information on the different aspects of poultry production such as biology and physiology of birds, breeding and rearing systems, nutrition, health, hygiene and food security, pathology, environmental impact, animal welfare, product quality, industrial processes. Technico-economic domains and poultry education will be also presented. Each theme will have specific sessions

organized around overview, oral communications, posters and plenary discussions.

In addition to the scientific programme, the WPSA will organize technical tours. A special programme for accompanying persons is also scheduled to allow them to discover Tours and its surroundings.

Full information relative to this congress is online at www.epc2010.org.

Dear authors,

Abstracts should be submitted on EPC2010 website (www.epc2010.org: "Program->call for abstract") before January 15th, 2010.

Full text for the accepted abstract must be received before May 15th, 2010.

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