An outside view of the six layer houses at the breeder farm. An exterior view of the hatchery based in Thailand.

New Breeder Farm and Hatchery

The current rate of production (maturation) is at around 420000 new layers born per week with about 13 million layers in laying. The variety of eggs laid to hens is still desired due to the lack of specialized marketing (each state) and egg-processing facilities.

Five companies managed to participate in this event. These companies have a total of more than 1.8 million laying hens in Thailand are represented by 9 Machine & Engineer

In order to improve the market of eggs, Moroccan producers are aware of the necessity to invest in the field of technology. They know that the quality of eggs, packaging, labeling and marketing are good in order to develop the market and attract more consumers. The new scientific work, which will give a speech as an international conference in September this year, will open a new chapter for the Moroccan hen’s egg industry.

The Moroccan producers seem particularly interested in the egg farming system. Several family-owned small companies, with 80–100 years of experience in egg production, marketing and packaging of egg-laying units under different quality labels. This is the main reason why the whole range of products under its brands enjoys a certain degree of differentiation in both the best and the worst egg qualities among European countries. This kind of organization enables small producers to improve the marketing of table eggs in Morocco.

The companies, Brianck and Chappes, will also share concerns about the egg collection automation and management of egg in the new companies. The new companies will also benefit from the marketing of eggs in the future. The Moroccan producers will benefit from this new system, which will give a powerful tool to the Moroccan producers to improve the marketing and management of eggs. This is the main reason why the Moroccan producers will benefit from this new system.
Most of the world’s egg production takes place in tropical and sub-tropical regions. Asia, Africa, and South America have shown a significant increase in egg production (see table) and still have potential for further growth.

New Hot Climate Guides for H&N

The VIV Asia show was held in Bangkok on March 9th to 11th. The highlight of this show was the exhibition of the University of Rich Wall and Mohammed Wallace. H&N exhibited at this important poultry industry event. H&N exhibited at this important poultry industry event.

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Several measures have to be taken to address the problems already start before, but during the productive period when the hens experience difficulties to maintain high egg production rates and a minimal break time caused by heat stress.

Layer Fatigue” (lameness in broilers) and body heat loss. This can lead to an increased mortality.

As an operator of a more than 10 mln layer flocks, the new hatchery is the state of the art hatchery. This facility is located in Zeewolde, the Netherlands, that salvages heat from the brooding of premium quality broiler chicks. As a clear signal of its commitment, Verbeek has invested €2.4 mn in the new hatchery.

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A major feature of the new hatchery is the use of what is called “Cage Feeding System.” The hens are housed in cages and each hen has its own feeding area. As a result of this, chickens can be stored. Eggs can also be treated and moved according to the temperatures according to the storage times and also perform well during breeding.

This means a low first egg mortality and uniform growth. To achieve this, H&N International puts a lot of efforts into maintaining a high quality level in every production stage.

In addition to conventional hatching control, this production system also incorporates a unique monitoring system to control the production of the DOCs, not only on the day of the hatching but on the entire productive life of the DOCs.
New Hot Climate Guides for H&N

Most of the world’s egg production takes place in tropical and sub-tropical regions under hot weather conditions. Africa, Asia, and South America have shown a magnificent increase in egg production (see table) and still have potential for substantial growth.

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<td>3.0%</td>
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<td>Asia</td>
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<td>South America</td>
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It should be noted that not only very warm countries suffer the consequences of the climate like heat stress, but also countries which have rather moderate temperatures, where high temperatures in particular increase the stress of the hens. Stress is produced when it is impossible to provide the hens with enough fresh air or to cool them down. Sometimes, birds are not capable of increasing their body temperature without having to use additional means. Heat stress interference of the energy and reproductive production of layer hens and egg production. Up to now, only equipment with large glass surfaces, temperature controlled and movable equipment such as fans and movable equipment can be used.

The comparison goes to 80 eggs and 500 shells at the upper age limit of the current standards.

The comparison is based on the production of the DOCs, not only on the stocks. The ideal is a reduction of production and egg weight so it provides the best possible quality.

A major feature of the H&N International is to produce day-old chicks (DOCs) which are able to cope with long transport times and also perform well during breeding. This means a low first year mortality and uniform growth.

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Chick quality control by H&N International

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New Hot Climate Guides for H&N

Most of the world’s egg production takes place in tropical and sub-tropical regions, where the temperature and humidity levels are high. Under such conditions, egg production systems and production systems have to be adapted to suit the climate. The principal of a scoring method is to evaluate the eggs daily and to choose the highest quality eggs with a constant percentage in order to let the chicks hatch on the desired day for managing pullets and laying hens.

Event

H&N Exhibited at AVI Asia

The AVI Asia show held in Bangkok, Thailand, March 9th to 11th, 2011

Chick quality control by H&N International

The aim of H&N International is to produce day-old chicks (DOC) which are able to cope with long transportation times and also perform well during brooding. This means a low first week mortality and uniform growth. To achieve this, H&N International puts a lot of efforts into maintaining a high quality level in every production stage.

The activity of the chick is important for selecting the better DOC. A thick and/or soft in texture. A thick and/or hard, there is probably an infection of the yolk sac. The yolk feels very hard, there is probably an infection of the yolk sac.

The comparision gives rise to the egg production performance at the upper age limit of the current standards. If eggs was actually delivered at the hatchery, flock 1 at 84 weeks and flock 2 at 86 weeks.

In most performance parameters, flock 2 exceeded the “Super Nick” performance. The high shell index is especially interesting because this flock produced 60 g or more daily for 80 weeks. This parameter includes the egg mass for a week and egg weight as it provides a clear indication of the superior performance of these flocks. The fact that all three flocks were kept beyond 80 weeks can also enhance the acceptability of egg production performance as it shows that the total shell quality.

H&N “Super Nick” Performance in Turkey

A major overview of the first hatchery in the world that uses the new “Super Nick” egg production performance at the upper age limit of the current standards. If eggs was actually delivered at the hatchery, flock 1 at 84 weeks and flock 2 at 86 weeks.

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New Breeder Farm and Hatchery

The current rate of production (maturation) is at around 150,000 birds with about 13 million layers in the hatchery, sale of eggs to international markets is still important due to the lack of specialized marketing entities (such as cooperatives) and egg-processing facilities.

Five major companies participated in this event. These companies have a total of more than 1.4 million laying hens in the market.

The egg shell has a very important role. For a hatch egg, quality and safety as protection of the embryo and to serve as a medium for gas exchange. For table eggs, quality and safety as protection of the embryo and to serve as a medium for gas exchange.

The optimal microstructural and morphological characteristics which may affect the egg, as well as a unique vessel for a valuable and very affordable product, business dealing with the embryo and provides eggs for various uses.

If eggs are spoiled in any way, the feed is in addition to the product. This is because 95% of the eggs in the market are considered concerning egg collection and transportation. The visit to the company (the one producing the egg) of the layer company Ciprea is essential. The visit to the company (the one producing the egg) of the layer company Ciprea is essential.

Additional information is available at the following website: www.360Grad-komm.de.

For the latest news, please visit our website at: www.hn-int.com.
Moroccan Excursion to the Netherlands

The production of table eggs in Morocco has seen remarkable growth in the last decade with a significant increase in egg consumption, i.e., from 80 eggs per capite in 2005 to 120 eggs per capite in 2010. Production facilities are becoming bigger, equipped mainly with modern installations in terms of materials, a cage of $50 csm./hen, and power ventilated houses adapted to the hot climate conditions of the country.

The current rate of production (300 eggs) is at around 5 billion eggs a year, with about 13 million layers in the country. Moreover, the marketing of table eggs in Morocco is still developing due to the lack of specialized marketing centers, place stations, and egg-processing factories.

In order to improve the marketing of eggs, Moroccan producers are aware of the need to invest in the egg packaging area, egg-cocking, and egg-processing. A good example to follow is the company, G.S. kter. Menon, organized a trip for potential table customers in April 2011, to observe facilities there and gain practical insights.

Five Moroccan companies participated in this excursion. These companies have a total of more than 1 million laying hens in Morocco and are represented by Mr. Machine Sale, Manager of the layer company Bivar, Mr. Yacine Haddad, Manager of the layer company Renac, Mr. Yacine Marzouk, Manager of the layer company Cepgal, Mr. Salim Akti, Manager of the layer company Sider, Mr. Mohamed, being a member of the building company Planta Group (chairman by Mr. Zou- bei).This activity actually covers 40 % of the national market needs of day-old-layer chicks in Morocco. They intend to develop and modernize their production facilities so as to increase the market shares. This visit organized by H&N international, allowed the Moroccan producers to be acquainted with new housing techniques in Europe in terms of hens and enriched cages and to get the general period of farm Nick under the European conditions.

The Moroccan producers were particularly impressed by the company DERTER, a family owned company, with 145 years of experience in egg production, packaging, and marketing of table eggs under different quality labels. This company supplies a wide range of products under its own label. There are also a lot of different private labels for several supermarket chains throughout Europe. This kind of organization opens up possibilities to improve the marketing of table eggs in Morocco.

The companies, Bivari and Sider, specializing in egg collection automation and egg processing, were also part of the visit programme. They gave our customers a higher degree of assurance concerning egg collection automation and egg grading on the farm, as well as information about the transportation required. The visit was enriched with a visit to the company WULK, an independently-owned family business dealing with the export and processing of eggs which accounts for 30 % of total egg exports.

Basically, this visit allowed our Moroccan customers to have an overview on the investments they need to make in order to organize the production process of their own companies and how to manage the required marketing tools to ensure an increase in value after production.