



Veterinary News & Views

Faisalabad

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UVAS HOLDS UMRAH DRAW CEREMONY

Lahore: The University of Veterinary and Animal Sciences Lahore conducted a draw to select two university employees to perform Umrah.

Vice-Chancellor Prof. Dr. Talat Nasser Pasha chaired the draw ceremony, picked and announced the names of two lucky winners while Deputy Treasurer Muhammad Omar and a large number of university employees



were present on the occasion. According to the draw results, Lab Superintendent from Department of Pharmacology Naeem Ahmad Choudhary was selected from among the employees from grade-16 and above while Rafaqat, Security Guard, selected from City Campus Hostel among the employees of grade-1 to 15. Speaking on the occasion, the Vice-Chancellor congratulated the Umrah draw winners. He advised all the employees to work hard with full of dedication for the welfare and more development of the UVAS. He also emphasized all the employees to save electricity and water in their departments and used it when it is necessary.

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H.E. MR. ISMATULLO NASERDIN, AMBASSADOR OF THE REPUBLIC OF TAJIKISTAN CALLED ON THE HON'BLE MINISTER FOR NFS&R ON 9TH MAY, 2019 HERE IN ISLAMABAD

Pakistan has good brotherly relations with Tajikistan. The Prime Minister of Pakistan paid an official visit to the Tajikistan on June 9-10, 2015. An Agreement on co-operation in the field of agriculture has also been signed between two sides on 8th March, 2011 during the period of defunct.



The 5th Session of Pak-Tajik Joint Ministerial Commission (JMC) was held in Pakistan on 15-16 June, 2016 wherein it was agreed that the two sides would collaborate in the agreed areas as Joint Working Group (JWG) would be formed. The Tajik Ambassador told

the Minister that this JWG meeting is likely to be held on 2nd of July, 2019 as part of Joint Commission Meeting between the two countries. The Federal Minister Mehboob Sultan said that our Government has assigned priority to the agriculture sector and is focusing on enhancing cooperation in this field particularly expanding our trade in agricultural commodities. The Minister further said

that we are not only self-sufficient in wheat but have surpluses in wheat, sugar and rice. We are also producing citrus and mangoes of high quality that the Tajik side may like to import from us. The Minister added that our cooperation in the agricultural field will also provide an opportunity to strengthen our economic relations in this area by facilitating Sanitary & Phytosanitary Measures and this will benefit to both sides.

The Tajik Ambassador appreciated the role of Federal Minister for Agriculture.

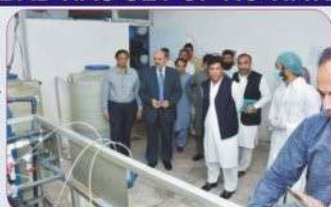
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THE NATIONAL INSTITUTE OF FOOD SCIENCE AND TECHNOLOGY UNIVERSITY OF AGRICULTURE FAISALABAD HAS SET UP RO WATER PLANT

Faisalabad: The National Institute of Food Science and Technology University of Agriculture Faisalabad has set up RO Water Plant under the supervision of qualified food scientists to provide pure mineral water for campus community and general public at affordable prices.

RO Plant was inaugurated by UAF Vice Chancellor Dr. Muhammad Ashraf who was flanked by Dean Faculty of Food Sciences and Technology Dr. Masood Sadiq Butt and DIFSATS Dr. Tahir Zahoor.

Dr. Muhammad Ashraf said that university is moving ahead to provide hygienic



food and drinks at the doorstep of common people. He said that more than 30 RO plants are already operating in the hostels and other area of the campus. He said that a number of diseases break out due to consumption of unhygienic water across the country, which is responsible for a number of deaths. He added that heavy pumping of ground water is deteriorating level of underground water. He said that country is one of those country that face high water stress and low access to safe drinking water.

Dr. Masood Sadiq Butt said that they have set up the nutrient menu for the Punjab Government Prisoner Department. He said that malnutrition has emerged the biggest challenge than energy crisis in the country. He said that NIFSAT bakery was making hygienic biscuits, and beverages for the campus and public.

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BRAZIL'S SOYABEAN GAINS MOMENTUM ON SALES TO CHINA

SAO PAULO: Soyabean trading in Brazil has gained momentum in recent days, driven by a wave of Chinese demand, boosting prices and premiums paid at ports amid a weakening of the Brazilian currency, according to analysts.

An estimated 5.5 million tonnes of soyabeans have traded over the past few days, and are slated to leave Brazilian ports in June, July and August, according to estimates by the Center for Advanced Studies in Applied Economics (Cepae) issued on Friday.

The boost in trading has been driven by the failure of the Washington and Beijing to resolve their longstanding trade dispute, which

made China turn to Brazil for soyabean supplies, the analysts said. Chinese demand also comes at a time when the US dollar hit the highest against the Brazilian currency in more than seven months, boosting the value of Brazilian soyabean exports when translated into reais.

"There has been an important, interesting turn of events," said Lucilio Alves, a Cepae researcher, referring to the escalation of the trade war. With the weakening of the Brazilian currency making imports cheaper from the point of view of the Chinese buyer, demand has shifted there, he said. The US dollar has risen more than 3 percent against the

Brazilian real for the week, reflecting domestic political turmoil and global uncertainties spurred by the trade war. "Soya prices had been steadily falling but have now recovered well," noted the Cepae researcher.

The price for shipping soyabeans out of the Port of Paranaguá rose from \$326.48 per tonne in early May to \$345.68 per tonne free-on-board for shipment in June, according to Cepae.

Paranaguá June port premiums rose to \$1 per bushel, the highest value since early December 2018 and more than double the levels seen earlier in the month.

According to T&F Consultoria, Brazilian farmers

traded in more than 700,000 tonnes of soyabeans on Thursday alone, with half coming from Mato Grosso state. "Traders are saying the market is very frantic this week," said Luiz Pacheco, an analyst with T&F Consultoria.

Brazil is at the peak of the exporting season, right after farmers finished collecting the country's second largest crop in its history, estimated at over 114 million tonnes, according to government data.

"With the harvesting over, and considering some producers were hoarding grains, this might be a good time to lock in trades," Alves said. Reuters

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LECTURE ON THE ROLE OF MUAWAKHAT IN SOCIAL DEVELOPMENT BY DR. MUHAMMAD AMJAD SAQIB!

World renowned social entrepreneur and internationally acclaimed development expert, Dr. Muhammad Amjad Saqib founder/Executive Director Akhuwat delivered one hour lecture yesterday in the conference hall, RTO Faisalabad. The topic of his keynote talk was, "The role of Muawakat in social development". Upon my personal request, he graciously consented to address the officers of Regional Tax Office, Faisalabad.

Akhuwat is now the world's largest microfinance program which is 100% interest free. Since its inception in 2001, Akhuwat



has disbursed PKR 83 Billion among 3.3 Million families across Pakistan. The foundation has 811 offices in 86 District with over 7000 employees. He has also built Akhuwat University which is free and

poverty reduction and self employment. His spell binding discourse inspired many among the audience and triggered a lot of interest in the officers of Regional Tax Office Faisalabad who asked some very pertinent questions about Akhuwat and its miraculous success story.

Ch. Muhammad Tarique Chief Commissioner RTO Faisalabad in his welcome address introduced the guest speaker and also thanked him for sparing time to come and address the officers of Regional Tax Office Faisalabad on a topic of vital importance.

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اہم اطلاع

ہفت روزہ ویٹری نیوز ایڈیٹرز میں سے دو تیسری مضامین شائع کروانے کے لئے اردو کے مضامین ان بیج فائل میں اور انگریزی کے مضامین WVP پروگرام میں اس ای میل پر ارسال کئے جائیں۔

(ڈاکٹر سمن سہیل)
(ایڈیٹر ہفت روزہ ویٹری نیوز ایڈیٹرز)

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ویٹری نیوز اینڈ ویوز

پاکستان کے سب سے بڑے پیمانے پر پیداوار والے گائے

چیف ایڈیٹر:

ڈاکٹر سمن سہیل

ایڈیٹر:

ڈاکٹر سمن سہیل

ایڈیٹر:

ڈاکٹر سمن سہیل

انڈیا کے سب سے بڑے پیمانے پر پیداوار والے گائے

چیمبر میں بگ برڈ گروپ عبدالباسط ساؤتھ پنجاب فارمسٹ کمپنی کے چیئرمین منتخب

لہور (پرائم ڈاٹ کام) ڈاکٹر سمن سہیل نے بگ برڈ گروپ عبدالباسط ساؤتھ پنجاب فارمسٹ کمپنی کے چیئرمین کے طور پر منتخب ہوئے۔ ان کی قیادت میں بگ برڈ گروپ نے پاکستان میں بگ برڈ کی فروغ اور ترقی کے لیے کئی کامیاب پروگراموں کی سربراہی کی ہے۔

بگ برڈ گروپ نے پاکستان میں بگ برڈ کی فروغ اور ترقی کے لیے کئی کامیاب پروگراموں کی سربراہی کی ہے۔ ان کی قیادت میں بگ برڈ گروپ نے پاکستان میں بگ برڈ کی فروغ اور ترقی کے لیے کئی کامیاب پروگراموں کی سربراہی کی ہے۔

صدر پاکستان ویٹری میڈیکل کونسل کے وارنٹ گرفتاری جاری

لاہور (پرائم ڈاٹ کام) لاہور کے جج نے صدر پاکستان ویٹری میڈیکل کونسل کے وارنٹ گرفتاری جاری کیا ہے۔ جج نے صدر پاکستان ویٹری میڈیکل کونسل کے وارنٹ گرفتاری جاری کیا ہے۔

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گندم کی توڑی کو بطور ایندھن استعمال کرنے پر پابندی لگائی جائے

لاہور (پرائم ڈاٹ کام) حکومت نے گندم کی توڑی کو بطور ایندھن استعمال کرنے پر پابندی لگائی ہے۔ حکومت نے گندم کی توڑی کو بطور ایندھن استعمال کرنے پر پابندی لگائی ہے۔

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محکمہ اینیوسٹاک میں ڈائریکٹر جنرل ایروٹیکشن، کا چارج ڈاکٹر کنور نسیم کے حوالے

لاہور (پرائم ڈاٹ کام) ایروٹیکشن کے ڈائریکٹر جنرل کے طور پر ڈاکٹر کنور نسیم کو تعینات کیا گیا ہے۔ ایروٹیکشن کے ڈائریکٹر جنرل کے طور پر ڈاکٹر کنور نسیم کو تعینات کیا گیا ہے۔

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انٹلی میں منعقدہ بیفلو ورکشاپ میں پاکستانی وفد کی عدم شرکت

لاہور (پرائم ڈاٹ کام) انٹلی میں منعقدہ بیفلو ورکشاپ میں پاکستانی وفد کی عدم شرکت ہوئی۔ انٹلی میں منعقدہ بیفلو ورکشاپ میں پاکستانی وفد کی عدم شرکت ہوئی۔

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عوام الناس سائٹس کو بیچ جائیں..... شاکر عمر گجر کا اظہار خیال

لاہور (پرائم ڈاٹ کام) شاکر عمر گجر نے عوام الناس سائٹس کو بیچنے کا اعلان کیا ہے۔ شاکر عمر گجر نے عوام الناس سائٹس کو بیچنے کا اعلان کیا ہے۔

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نریل ریوی بیفلو ہرڈ بک تیار کر لی گئی ہے۔ نریل ریوی بیفلو ہرڈ بک تیار کر لی گئی ہے۔

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Dr. Hamid Jalil (PhD, MBA)



Farm Human Resource managers, supervisors and workers. Under this scenario, we cannot expect our livestock sector to transform into a profitable business which focuses on increased productivity and market demand. Having analyzed the situation in the real context, what could be the possible and practical solutions to transform the industry? The most important aspect of starting point is to focus on the institutions that provide the intelligence to this industry; the Universities. We need to divert away the much trumpeted and failed concept of simply replicating the existing models. This simply is not going to work. What is needed is to create a beacon of intellect where we can develop animals related skilled HR, problem oriented applied research, transfer of technology, modernization and transformation of agro-livestock production systems. In South Punjab, newly established, Cholistan University of Veterinary Sciences (CUVAS) can play an integral role in a number of ways including:

CUVAS is to be the leading academic, research & development institution of South Punjab instead of being just a replica. It should be a center for enhancing animals' based food security, rural PSD, USAID and EC projects of value added products. Our national data and studies indicate the significance of livestock for the socio economic development of South Punjab as well as the role of livestock as a major GDP and developing South Punjab has round 12 in cattle and buffalo and some number of sheep & goat almost 1:1 ratio of human and livestock ratio. South Punjab especially DG Khan, Larkana, Bahawalpur & Cholistan are main contributors of meat animals for the country. CUVAS should not be only an academic institution but a change center for rural prosperity—livestock & Food Security, policy strategy, incubation, extension, facilitation center for animals' related business and industry.

CUVAS to act as an agent of Change to transform production systems from subsistence to Agribusiness. This emanates out of the status quo role of existing veterinary teaching institutions in the public domain which are heavily tilted in producing only treatment oriented services without a focus on production & productivity of animals; a pre requisite for the sector transformation. A brief analysis of production reveals some very astounding and scary facts; cost of production of one liter of milk is one Kg of meat which is currently Rs. 46/liter & 165kg live weight at commercial dairy & feedlot farms—out of which 80% is feeding cost, 10% management cost, 5% is treatment cost and 5% other. We are standing far below the international standards of commercial production where cost of animal health/treatment is only 5-7% and rest around 90% is production and management cost. We cannot expect miracles with the present system whose obvious result is low productive, subsistence, livelihood based, inferior genetics and no animal feed industry.

Having a glance at the history, the archives of Deputy Commissioner Sahiwal's 1927 diary. "The Sahiwal Cattle lactation/annum was 1400 liters in 1927 very much comparable to Holstein cattle in USA during the same time" whereas, modern Friesian is producing currently 10000liters/annum at the same level of 1927. Why so, why we could not keep pace with the world in terms of productivity enhancement. Out of many reasons, a few striking factors are that we are lacking with trained and skilled human resource in production sector; out of 25 corporate dairy farms in Panjab & Sindh, 15-20 were depending on part management. We are lacking with all three tiers of

efficiencies which are currently lagging in the conventional education system elsewhere in Pakistan.

As a start-up organization/initiative, it is very important to develop strong system and infrastructure for consistent Monitoring, Evaluation and Learning (M&E & L) for quality control of teaching and learning system which should be at par with international standards. Modern soft wares of management and Efficient Resource Planning (ERP) need to be deployed at all levels including teaching, financial management, procurement, communication etc. with regular feedback and course correction is needed.

Strong research program especially introduction of latest technological ad-hoc in dairy, feedlot, poultry, Fisheries & Aqua culture technology (Cage technology) including fodder & animal feeding resources like efficient utilization of agro-industrial resources into efficient feeding products for livestock, poultry & aquaculture, hybrid maize and Soybean cultivation could be adopted. For example, under fodder production center initiative, collaboration with international institutions and countries like IARI, China, UC Davis, Bill & Malinda Gates Foundation, USAID and EC can be ensured for advancement in research, teachers training & development.

The special focus areas under this initiative include Livestock breed improvement, Progeny Testing Program, PTP and developing Cholistan cow future Friesian, South Punjab has round 12 in cattle and buffalo and some number of sheep & goat almost 1:1 ratio of human and livestock ratio. South Punjab especially DG Khan, Larkana, Bahawalpur & Cholistan are main contributors of meat animals for the country. CUVAS should not be only an academic institution but a change center for rural prosperity—livestock & Food Security, policy strategy, incubation, extension, facilitation center for animals' related business and industry.

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efficiencies which are currently lagging in the conventional education system elsewhere in Pakistan. As a start-up organization/initiative, it is very important to develop strong system and infrastructure for consistent Monitoring, Evaluation and Learning (M&E & L) for quality control of teaching and learning system which should be at par with international standards. Modern soft wares of management and Efficient Resource Planning (ERP) need to be deployed at all levels including teaching, financial management, procurement, communication etc. with regular feedback and course correction is needed. Strong research program especially introduction of latest technological ad-hoc in dairy, feedlot, poultry, Fisheries & Aqua culture technology (Cage technology) including fodder & animal feeding resources like efficient utilization of agro-industrial resources into efficient feeding products for livestock, poultry & aquaculture, hybrid maize and Soybean cultivation could be adopted. For example, under fodder production center initiative, collaboration with international institutions and countries like IARI, China, UC Davis, Bill & Malinda Gates Foundation, USAID and EC can be ensured for advancement in research, teachers training & development. The special focus areas under this initiative include Livestock breed improvement, Progeny Testing Program, PTP and developing Cholistan cow future Friesian, South Punjab has round 12 in cattle and buffalo and some number of sheep & goat almost 1:1 ratio of human and livestock ratio. South Punjab especially DG Khan, Larkana, Bahawalpur & Cholistan are main contributors of meat animals for the country. CUVAS should not be only an academic institution but a change center for rural prosperity—livestock & Food Security, policy strategy, incubation, extension, facilitation center for animals' related business and industry. CUVAS to act as an agent of Change to transform production systems from subsistence to Agribusiness. This emanates out of the status quo role of existing veterinary teaching institutions in the public domain which are heavily tilted in producing only treatment oriented services without a focus on production & productivity of animals; a pre requisite for the sector transformation. A brief analysis of production reveals some very astounding and scary facts; cost of production of one liter of milk is one Kg of meat which is currently Rs. 46/liter & 165kg live weight at commercial dairy & feedlot farms—out of which 80% is feeding cost, 10% management cost, 5% is treatment cost and 5% other. We are standing far below the international standards of commercial production where cost of animal health/treatment is only 5-7% and rest around 90% is production and management cost. We cannot expect miracles with the present system whose obvious result is low productive, subsistence, livelihood based, inferior genetics and no animal feed industry.

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THE PLAN FOR THE EXCESSIVE REVENUE GENERATION FAST UPLIFT OF LIVESTOCK SECTOR IN PAKISTAN

No. 02

Exploring The Livestock Potential In Pakistan



Usama Afzal 0300-7459155

Pakistan is wasting this potential. All Manure is wasted. If the machinery or equipment is provided to farmers, then this manure can not only save the fertilizer cost of Agricultural crops but also can be exported in bulk to other developing countries. The Export to developing countries can be upto 1 Billion USD/year and saving the local Fertilizer cost of upto 70%. Therefore helping in increasing the GDP of Livestock and Per Acre Yield and per Acre Profit of Agricultural crops by upto 25% and 70% respectively.

Pakistan Falcon and Houbara Breeding Act 2019, Establishment of Houbara and falcon Breeding Centers. Export of Live Birds to UAE, Trophy Hunting schemes for Houbara and Falcon.

• Pakistan Falcon and Houbara Breeding Act 2019 can help:
• Make these species declared as Domesticated animals.
• Establish proper Avian and breeding centers for their increase.
• Research centers on their diseases control and various factors.
• Export of Live Birds to UAE and other Arab Countries.
• Start of Trophy Hunting Programs in Pakistan's Desert Areas for Houbara.

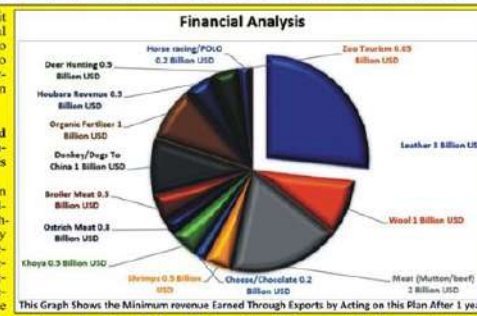
• The Trophy hunting and export of the birds can lead to the Foreign exchange of 500 Million USD/Year.
Trophy Hunting Program of Domesticated Deer, Sheep in Forest Areas of Panjab

Many Deer Species are domesticated by Various people in South Panjab, deer and Sheep Hunting could be allowed after the Deer breeding centers are established. The Sheep Hunting is a good tourist attraction. It can generate Revenue. This would be great source of attraction for hunting Tourism in Pakistan and generation of foreign exchange of upto 500 Million USD/Year.

Uplift of POLO Sports and Horse racing in Pakistan
POLO sports and Horse racing is an Undiscovered asset of Pakistan. Pakistan has many kinds of beautiful and good horse breeds. Dancing Horses of Balawalpur are famous all around the Pakistan. An International POLO Cup and Executive style Annual Horse Racing Show could draw the attention of International Tourists in Pakistan. Horse Racing and Polo Sports will help in attracting tourism in Northern Areas of Pakistan with a Worth of 200 Million USD Tourism/Year.

Establishment of Equine Breeding Centers and uplift of Horse Racing Industry
Horse racing industry is one of the entertainment related industries in the world. Famous horse shows are a source of attraction for the tourists all around the world. People invest in Horse racing. Racing Horses and the Events Tickets are sold fast for the Executive events. Panjab Government shall establish a Breeding center for the Stud of Racing Horses. The Racing Horses can also be trained and further exported the Arab Countries.
Opening of Lahore zoo for Foreign Tourists permanently.
Lahore Zoo may be upgraded with more animals, and good cleanliness approach. A special desk for international tourists with a guide can help in uplift of Zoo

tourism in Pakistan. Also it will attract International veterinary Researchers to join the Fellowships in Zoo in Pakistan. This will generate 50 million USD/year in Zoo Tourism.
Legal Reforms: Merger of Wild life and fisheries in L&DD as 'Panjab Livestock, Fisheries and wildlife Act 2019'
For Revenue Generation and Effective use of Wildlife breeds and effective fisheries policy, it is necessary to merge the wildlife department and Fisheries department in Livestock Department. Because, Livestock Department has the tools and researches in Inbreeding, Breeding through BARI, Effective Breed Conservation programs, Use of Artificial Insemination, Semen Production Units, Blood sampling, Microbiology Labs, Vaccine production etc. etc. These facilities can be effectively used in Wildlife Animals. The Breeds such as Falcon, Houbara, Deer if declared Domesticated, then it will help increase in their number and Revenue for the State.
Panjab Pure Milk Ordinance 2019
It shall have following points:
• Ban on Import of Milk Powder/Whey powder.
• Control of Milk collection centers by Government.
• Installation of new Milk Sale Points by Government.
• Temporary Ban on Packed milk to Encourage the fresh Milk sale.
• The Ban can reduce the Imports and Trade Deficit of upto or equal to 1 Billion USD/Year.
Panjab Disease Free Zones Ordinance 2019
Disease free compartments are already working in province Panjab. This can be further extended in this ordinance. Meat Would be able to be exported from Disease free zones. It will make a big difference in International Halal Meat market.
Panjab Livestock Census Ordinance 2019
Livestock census could be refreshed to obtain accurate figure of animals. This Census shall be legalized with the FBR Collaboration. This will help in making the Livestock Tax act of Government and Revenue collection in future. Estimated Revenue collection is 100 Billion rupees from Panjab Livestock.
Panjab Livestock Act, Amendment 2019
This amendment will focus on:
• Merger of Livestock, Wildlife and Fisheries in Livestock Department.
• Policy making at Field Level.
• Improvement in OPD Working.
• Use of Technology in treatment procedures.
• Quality Services at the proper cost, declared Annually by the Government until the Livestock Tax is Scheduled.
• Use of this revenue for Infrastructure renovation and Use of modern tools.
Panjab Wildlife Act Amendment 2019.
• Merger of wildlife, Fisheries and Livestock.
• Declaration of Deer, Houbara, Falcon as domesticated.
• Establishment of Breeding centers for Deer, Houbara, Falcon.
• Use of Artificial insemination and Preparation of vaccines for Deer, Houbara, falcons.
• Trophy Hunting for Deer, Houbara, Sheep in various districts across Panjab.
Declaration of some wild life breeds as domesticated Animal.
Declaration of Deer, Houbara, Falcon as domesticated.
Panjab Broiler Production Act 2019 (European Union's Model)
• Ban on Import of broiler Pharmaceutical Drugs and Antibiotics.
• Ban on use of Antibiotics in Broiler on European Model.
• Check on Import of parent Stock/Breeder in Pakistan, and Declaration of Tax frame for it.



This Graph Shows the Minimum Revenue Earned Through Exports by Acting on this Plan After 1 year.

- Ban on Slaughter of Sick Birds.
- Ban on Import of Poultry Medicine can Save 500 Million USD on Imports.
- Panjab Pet Animals Ordinance 2019
- Declaration of Pet animal Species and breeds.
- Special Service center in Veterinary Hospitals for Pets.
- Rules for Pet food and Medicine.
- Tax for Sale and Purchase of Pet Animals and their Import.

Revenue from Tax on Import of Pet Animals can be @20 Million USD/year
Pakistan Falcon and Houbara Breeding Act 2019
Establishment of Breeding centers for Houbara and Falcon.
Notifications/Measures on Urgent basis:
Ban on Import of Whey Powder/Milk/Dry Milk powder
Ban on import of Milk powder will Ensure supply of pure milk to the people. The gradual Ban in 1 year period will not effect supply chain. The demand however can increase placing an impact on small scale poor farmers having 2-5 animals. 150% more profit due to good rates. The increased fodder price and low milk prices are the main reasons for poverty instability among small scale farmers.

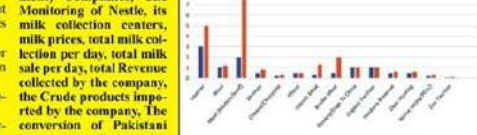
Ban on Import of MILK products/Chocolates
These products shall be encouraged for local manufacturing. There is a big consumer market in Pakistan. If the private sector started manufacturing of Cheese, chocolates here, then it can not only reduce the Trade deficit by reducing its imports but would also increase the exports further reducing the trade deficit of Pakistan.
Ban on Import of Cheese
Local Manufacturing of Cheese here, then it can not only reduce the Trade deficit by reducing its imports but would also increase the exports further reducing the trade deficit of Pakistan.

Review on Contracts with DFI (direct foreign investment) Companies, The Monitoring of Nestle, its milk collection centers, milk prices, total milk collection per day, total milk sale per day, total Revenue collected by the company, the Crude products imported by the company, and its shifting outside Pakistan.
There is a big difference in the sales reports submitted by the said Companies and actual sales to FBR. The Actual sales are far beyond the sales shown. Every consumer pays 19.5% GST, but there is no mechanism that 100% of this GST goes to the Government. Further, the profit Earned by these companies is always converted into Dollars within Pakistan, and that Dollar is shifted to the Countries of origin of these companies resulting in a big loss to the Foreign exchange reserves of Pakistan. Moreover, these countries are causing a big loss to small scale and commercial dairies, on giving a minimum net per liter price of milk with further price cuts and then this milk is shifted in markets for sale with extremely low Fat and 2X-3X more rates. All the minimal profit in this process is turned into dollars and

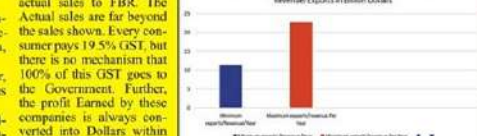
shuffled outside. This can save almost 1.5 Billion USD.
Panjab Sale of Powdered Milk under Panjab pure Milk Ordinance 2019
This Ordinance will gradually replace the powdered Packed milk with fresh and pure milk from dairies. It will be the responsibility of the Government to Ensure the supply and collection of Milk. It will benefit not the end consumer with good price, quality and public health but also will be able to offer handsome rates with upto 150% more profit to small scale poor dairy farmers of Pakistan. It will also help in Reducing one of the major exports in form of Dry Milk. This will further help in saving the Foreign Reserves and reducing Trade Deficits.
Ban on Import of Poultry Antibiotics and Anthelmintics under Panjab Broiler Production Act 2019
Poultry Pharmaceutical Industry is One of the Biggest Pharmaceutical industries in Pakistan. 70% of the Poultry Medicine is imported. Most of the Poultry vaccine is imported. Local manufacturing is extremely low. Most of the imports consists of Bulk Antibiotics. Antibiotics use is causing drug resistance in bacteria. European Union has a Model for Poultry farming to be followed, their Farming standard is not different than Pakistan in shape of infrastructure. But they have limited the use of poultry Antibiotics for their public health. They didn't import Poultry medicine from outside, but they export. The local manufacturing boost will help in reducing the poultry Drugs Import and playing an important role in Reducing the trade deficit and increasing the foreign exchange reserves.

Education:
Opening of 30% Slots for Foreigners in DVM Admissions throughout Pakistan
The current Number of DVM Graduated Each Year in Pakistan is almost 10000.

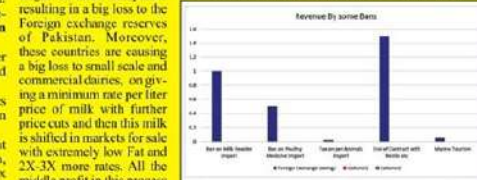
Opening of Lahore Zoo's Animals (Specific Range for Foreign Researcher) Under Fellowship Scheme introduced by Government of Panjab.
A state of the Art Veterinary Research Center needs to be established in Lahore zoo or near it, which will entirely focus on the research on Rescued species available in the Zoo. This will be helpful in attracting international scholars and developing the research and Education sector in veterinary medicine.



This Graph Shows that 11.25 Billion Dollars/Year Exports/Revenue is possible at that while 22.7 Billion Dollars of Exports/Revenue can be earned on Maximum Potential For Year, Maximum 16.25 Billion USD/Year from a Minimum Rate of 125 Billion 100 in Rest 15% on Maximum Utilization of Livestock Plan could be earned.



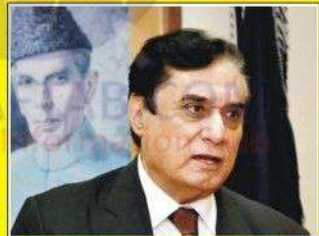
This Graph Shows that 11.25 Billion Dollars/Year Exports/Revenue is possible at that, while 22.7 Billion Dollars of Exports/Revenue can be earned on Maximum Potential For Year.



This Graph Shows the Annual Sale of Foreign Exports by 0.7 Billion Dollars by just some Best of Revenue of Pakistan with High potential of the Livestock.

NAB CHIEF'S DEFENCE

Irked by criticism from different quarters, Chairman of the National Accountability Bureau (NAB) former Justice Javed Iqbal held a press conference on Sunday to defend his organisation against its detractors' claims that NAB and the economy cannot go together as it is harassing all manner of people, including politicians, businessmen and bureaucrats, contributing to the economic slowdown in the country. In fact, NAB and corruption, averred the chairman, cannot go side by side, arguing that the anti-graft watchdog is not responsible for the economic crisis, which is largely true. But its modus operandi surely has had a negative impact. Reports are galore about its officers resorting to high-handedness in conducting inquiries with the result that businesspeople as well as bureaucrats have been reluctant to carry on with their normal activities. The NAB chairman recalled that he had approached the Islamabad Chamber of Commerce and Industry to hear their members' side of the story but he heard not a single complaint against the bureau. Yet he indirectly



acknowledged that problems were there when he said no businessman would be summoned to any NAB office in future, and further that suspects among bureaucrats as well as women will receive a questionnaire

prior to issuance of summons. He also announced the setting up of a desk headed by a director to resolve businesspeople's complaints to be forwarded to him, offering the assurance that he would not leave office until such complaints are resolved. That should inspire some confidence among those who find themselves in NAB's sights. But no less objectionable is the humiliation to which suspects are subjected at the investigations stage. A couple of months ago, a prominent defence analyst, Brig Asad Munir (ret), purportedly committed suicide to avoid - as he said in his suicide note - being paraded handcuffed before the media. Then there is NAB's use of an arbitrary power to hold people in detention for 90 days, which usually ends without establishing culpability but sullies the reputation of the person involved. PTI leader Abdul Aleem Khan who was recently released from NAB custody after spending 100 days in its slammer had a point when he said the bureau should not arrest anyone before completion of its investigations. That makes

eminent sense, particularly in view of its extremely low conviction rate. However, the problem arises from flaws in the NAB law. It was put in place by a military dictator to punish political opponents who refused to fall in line. Subsequent democratically elected governments did next to nothing to fix its defects or to replace it with a sound accountability mechanism. Almost all parties, inside and outside the government, are now feeling the heat from it. The obvious way forward is to amend the law so that the corruption issue is effectively addressed, but no one is held guilty in the public eye unless accusations are backed by evidence that can stand in courts. Law Minister Farogh Naseem has proposed several changes, suggesting that pending unanimity a new law be passed based on points of agreement. So far he has had no success. The Opposition parties' leaders seem to be interested more in finding off NAB's present onslaught against them rather than putting things on a sound footing for the benefit of all.

BULGARIA IS EYING ON MORE COTTON AND RICE FROM PAKISTAN.

Major areas of cooperation include livestock and buffalo breeding, food processing, food safety and Phyto-sanitary measures

H.E. Ms. Liliya Ivanova, Deputy Minister of Economy of the republic of Bulgaria along with Bulgarian Ambassador H.E. Mr Roumen Prontchev called on the Hon'ble Minister for NFS&R Sahibzada Mehboob Sultan in Islamabad. Bulgaria is a member of the European Union, NATO, and the Council of Europe; it is a founding state of the Organization for Security and Co-operation in Europe (OSCE) and has taken a seat on the UN Security Council three times. Its market economy is part of the European Single Market and mostly relies on services, followed by industry, especially machine building and mining and agriculture. Agricultural cooperation is included in the agenda of the 2nd meeting of Pak-



bulgaria Inter-Ministerial Commission (IGC) being hosted by Pakistan on 20-21 May, 2019 at Islamabad. Major areas of cooperation include livestock and buffalo breeding, food processing, food safety and Phyto-sanitary measures. Federal Minister Mehboob Sultan said that it is a pleasure to learn agriculture is also included in the agenda of the IGC Session and we are hopeful that our technical experts would come up with agreed points for our joint endeavors in the field of agriculture. Federal Minister said that Pakistan is world's fifth largest milk producing country in the world and since Bulgaria has developed its strength in various areas of agriculture including livestock and animal breeding and both countries could mutually benefit in this sector. He added that our Government is focusing on this sector. Our Government in collaboration with our Provincial Governments is plan-

UAF SCIENTISTS WILL DESIGN A BIO-GASIFICATION PLANT IN WHICH LOW-PRICED ELECTRICITY WILL BE PRODUCED BY USING SOLID WASTE

Faisalabad: The University of Agriculture Faisalabad scientists will design a bio-gasification plant in which low-priced electricity will be produced by using solid waste, and biomass in order to promote alternative ways of energy. This was stated by University of Agriculture Faisalabad Vice Chancellor Dr Muhammad Ashraf during his visit to Postgraduate Agricultural Research Station (PARS) UAF. He was flanked by Principal, Community College Dr. Haq Nawaz Bhatti, Director Punjab Bio Energy Institute Dr. Ahsan Durr, Registrar PRP Syed Qamar Bukhari and other notables. He also directed experts to create a model by using



sewerage sludge to produce biogas for 50 houses. He said that the model is being used in many developed nations. He said that the alternative sources of energy like wind, bio energy and solar fuel need to be applied to meet the energy demand in the country. He said that alternative sources such as solar, bio, wind energy can help cope with situation and address the issue. He said

DIRECTOR TETRA PAK HELD A MEETING WITH MINISTER NFS&R

Mr. Robert Mack, Director, Public Affairs Europe, Middle East & Africa for Tetra Pak along with Mr. Jorge Montero, Chief Executive Officer, Tetra Pak Pakistan called on Federal Minister for National Food Security and Research, Mr. Sahibzada Muhammad Mehboob Sultan. The objective was to apprise the Minister for NFS&R regarding future investment, plans, challenges of the dairy industry and the support required for investment plans from the Government. Livestock is a renewable natural resource and one of the most vibrant and significant sector in the agrarian economy of Pakistan. Livestock over the years has emerged as the largest sector in agriculture by contributing approximately 58.9% of the agriculture value added and 11.1% to the national GDP. The government has now focused this sector for economic growth, food security and poverty alleviation in the country. Pakistan is one of the leading milk producing country in the world with estimated



annual gross milk production of 59.8 Million tons during 2018-19. Around 6% of total country's gross milk production is being processed in 25 milk/ dairy processing plants operating under the private sector and producing approximately 3.5 million tons of processed milk/ dairy products annually. Tetra Pak is a major foreign investor in Pakistan and operating for the last more than a decade. Tetra Pak plant near Lahore is capable of producing over 9 million packages annually. Over the last seven years, the cumulative value of its exports exceeded US\$ 150 million. Hence, Tetra Pak is playing a significant role in the processed food industry and dairy economy of Pakistan. Federal Minister for National Food Security and Research, Mr. Sahibzada Muhammad Mehboob Sultan said the government of Pakistan could follow Turkey's model as it came down from 80% loose milk to 20% in the span of 10 years. Mr. Mack said if this TETRA PAK milk is promoted in cities, it will not only provide unadulterated milk but due to the increase in number of consumers it will be cheaper as well. The Minister appreciated the contributing role of Tetra Pak by meeting and providing the international safety standards in the processed food industry particularly in the dairy industry of Pakistan. He also appreciates Tetra Pak for its plan to invest in future in Pakistan and also ensured to provide support of the Government for the betterment of local dairy sector through policy measures/ interventions.

4TH IBF TRAINING COURSE ON BUFFALO MANAGEMENT AND INDUSTRY THE ANIMAL PROPHYLAXIS RESEARCH INSTITUTE (IZS-LT) IN ROME

The Istituto Zooprofilattico Sperimentale delle Regioni Lazio e Toscana (IZSLT) (Animal Prophylaxis Research Institute) is a public body operating in the frame of National Health Service with duties related to animal health and welfare and food safety. Over such areas it provides services in diagnostic of animal diseases and zoonoses, microbiological, chemical and physical con-



trols over safety of foods, animal feed. On the same food production chains and areas it performs research.

epidemiological surveillance, continuous training and international cooperation activities. The day spent at the Istituto Zooprofilattico gave the opportunity to examine the topic related to the prophylaxis of Brucellosis and Tuberculosis and the milkability and milk quality in buffalo. For News updates always visit: www.facebook.com/VetNewsViews

WORLD POULTRY SCIENCE ASSOCIATION PAKISTAN BRANCH

Objectives

- To The World Poultry Science Association is a global organization and has more than 800 members in order to promote the advancement of knowledge of all aspects of Poultry Science and industry
- To disseminate knowledge pertaining to all branches of the Poultry Science industry and to facilitate the exchange of such knowledge among people throughout the world having an interest in the subject.
- To encourage and promote world Poultry Conferences, Workshops, Seminars and reference Courses for the Country, industry workers and Poultry farmers.
- To promote research and education in all aspects of Poultry industry in Pakistan.
- To hold a Chair Lectures on all aspects of Poultry industry.
- To facilitate the information to provide a basis for problem oriented research and to cooperate with other national and international organizations in achieving these aims and objectives.

Types of Membership

- Individual member US \$ 50 or equivalent in local currency
- Life member US \$ 500
- Student member US \$ 20
- Deceased member US \$ 200
- Life member US \$ 2000
- Life member US \$ 2000

ASSOCIATION PAKISTAN BRANCH

MR. K. M. SHOUQ (CHAIRMAN) ABUL KHAN (VICE CHAIRMAN)

ABDUL HUSSAIN

Account # 95022010000000000000

Account Title: THE WORLD'S POULTRY SCIENCE ASSOCIATION

ASSOCIATION PAKISTAN BRANCH

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NEED STRESSED FOR A CONSISTENT POLICY ON GM MAIZE.

CropLife Pakistan Executive Director Dr Afzal has urged the government to take its decisions regarding GM Maize on the established regulatory structure and use science as the base to clarify issues, in order to safeguard the interest of the farmer and restore confidence of the plant science industry.



The maize crop in Pakistan presents a phenomenal success story as since introducing high yield maize seeds in the 1990s, CropLife member companies have maintained a firm commitment towards bringing the latest agriculture technologies and innovation to Pakistan, having already invested millions on research, infrastructure and farmer education programs across the country. The technology is ideally suited to small-hold farmers, providing protection against chewing insects and allows for improved weed management. The two traits combined, enable higher yields and reduce input costs for the farmer.

In line with this commitment, CropLife member companies initiated the process to introduce GM Maize in year 2009 adopted globally since 1990s. Subsequently our members completed all the regulatory requirements mandated under the National Biosafety Rules 2005, Seed (Amendment) Act 2015 and Seed (Business Regulation) Rules 2016.

However, as the member companies approached the conclusive stage of approvals for this innovative seed technology, the standard established regulatory process was stopped by the Ministry of National Food Security & Research, said the Executive Director, CropLife Pakistan Association, Dr. Muhammad Afzal, while talking to media persons the other day. He explained that the stopping an established regulatory process has undermined the existing regulatory regime, on the one hand and hurt the confidence of the industry, on the other hand. He emphasized that rule of law must prevail. The situation, if allowed to prevail, will only serve to block the path of future investments in the emerging agriculture technologies in the country, he lamented.

Dr Afzal expressed that the Government must take its decisions on the established regulatory structure and use science as the base to clarify issues, in order to safeguard the interest of the farmer and restore confidence of the plant science industry. He remarked that the situation of country's cotton crop remains a stark reminder of previous indecision on similar technologies, resulting in a steady productivity decline over the past few years. The exponential growth of maize crop in Pakistan owes largely to the rapid adoption of hybrid seeds in place of the traditional open pollinated varieties, with diminished yield potential. According to statistics published by Government of Pakistan, the average yields across Punjab have seen a fourfold increase, starting at 14 mounds per acre in 1996 and reaching an impressive 60 mounds per acre in 2017. Consequently, the area under maize cultivation in Punjab alone has more than doubled and overall crop production increased eightfold, going from 0.68 million tons in 1996 to 5.2 million tons in 2017. Based on current industry estimates, CropLife member companies hold almost 90 percent of the market share for hybrid seed across the country; a testament to the superior quality and research capability of CropLife members.

However, with over 95 percent of maize crop area in Punjab already covered by hybrid maize, further increase in productivity will be marginal unless newer innovative technologies are embraced. Biotech maize or GM maize is one such technology, enabling farmers to produce more using fewer resources while reducing yield loss from pests and weeds. Existing scientific literature shows that between 15 percent to 30 percent yield advantages can be attained easily through this technology, this has been confirmed in Pakistan during the registration trials conducted by Government agencies during last couple of years.

In practice, however, the observations are far more impressive. For example, maize crop yields in the U.S. increased by 56 percent after adoption of GM technology. Similarly, the average yield of maize in Brazil increased by 102 percent through GM technology while in the case of Philippines, it increased by 72 percent. Domestic demand for maize is also ever-growing, with poultry sector alone accounting for almost 70 percent of all grain produced locally. According to Pakistan Poultry Association, the sector is projected to grow at 10-12 percent per annum and will therefore require more than 7 million tons of maize grain by 2023, a volume exceeding annual maize production in 2017. Therefore, increase in yield and productivity, together with overall improvement of maize crop economics, will be central to Pakistan's food security.

2ND ANNUAL NUTRITIONIST IFTAR WAS HOSTED AT SHEHRVAR HOTEL FAISALABAD BY STUDENTS NUTRITIONIST CLUB PAKISTAN



Maintaining the tradition, 2nd Annual Nutritionist Iftar was hosted at Shehrvar hotel FSD by Students Nutritionist Club Pakistan. Professional members were invited as honorable guests in the event. We are thankful for the presence of great personalities including:

- Dr. Khalid mehmoood shouq The Veterinary News & Views CEO
 - Dr. Arshad ali rizve (FIA)
 - Dr. mehren nissa GCUF
 - Miss Fatra (Main trust)
 - Dr. Muhammad Naveed (NIFSAT)
 - Dr. Muhammad Ashraf (PCSIR)
 - Miss Binish Sarwer Khan (UAF)
 - Mr. Shoab Aziz (Chairman SNCP)
- All cabinet member of FSD and UAF were present. Highlights of the event:
- A tribute was dedicated to the members who completed their tenure. We really appreciate them as they worked sincerely with SNCP for last some years.
 - Servitors were awarded to these members.
 - Letter of Acknowledgement were awarded to the Central Cabinet members including Farwa Tariq and Amna Alam.
 - Guests were updated with our Tharparakar's drive.

SUCCESSFUL BREEDING OF CHANNA MARULIUS FISH

Lahore: The Department of Fisheries and Aquaculture of the University of Veterinary and Animal Sciences (UVAS) in collaboration with the Department of Fisheries Punjab successfully bred the Channa marulius (soal) fish through induced breeding by injecting synthetic hormones to experimental fish in captivity at the Fish Biodiversity Hatchery, Chashma, district Mianwali.

Chairman Department of Fisheries and Aquaculture Dr. Noor Khan from UVAS and Deputy Director/Team Leader Chashma Fish Biodiversity Hatchery Malik Muhammad Ramzan conducted the trial. Earlier both the scientists went to Thailand for one month training learn techniques of Channa species breeding and weaning under a Punjab Agricultural Research Board (PARB) funded research project titled "Interactive Effects of Manipulated Artificial Feeds on Growth and Breeding Potential of Channa Spp" being executed by the Department of Fisheries & Aquaculture of UVAS.

Channa is a group of freshwater fish and more popularly known as snakehead Murrels due to its head resemblance to that of a snake. The distribution of this group is widespread in the tropics and originates from Africa, South East Asia and East Asia.

ENGRO FOODS PRODUCTS PROCESSED IN ACCORDANCE WITH SFA REGULATIONS

Karachi: Sindh Food Authority (SFA) is driven to ensure food safety regulations are followed by all companies across Sindh. Engro Foods Limited (Engro Foods) and all its products are processed in accordance with SFA regulations as well as PSQCA and other international food safety regulations. This ensures that all Engro Foods products are safe for consumption.

A recent news circulating about Sindh Food Authority and Engro Foods has been brought to the notice of Engro Foods and the same is strongly condemned. Engro Foods has been and is committed to always be compliant to all applicable food safety regulations including but not limited to the regulations set out by the Sindh Food Authority. Engro Foods is committed to working with the objective of providing safe products to its consumers.

The Director General, Sindh Food Authority, Amjad Ali Laghari stated, "SFA's concern is to assure that the milk is sold and distributed as per prescribed SOP, Rules and Regulations of the Sindh Food Authority Act 2016. All the products of Engro Foods are under registration process with SFA and we are assured by the Engro Foods team of the complete fulfillment of SFA SOP as per Sindh Food Authority Act 2016." Speaking on the occasion, Dr. Muhammad Nasir, Senior Manager Scientific & Regulatory Affairs, Engro Foods Limited stated, "Nutrition and health are one of the biggest challenges being faced by the country. The core purpose of Engro Foods is to provide better nutrition for Pakistan. We are committed to continuing our efforts to improve the health of our consumers by providing good quality products that comply with all applicable food safety regulations."

CHICKEN STRESS CONSORTIUM TO LAUNCH THIS YEAR

Poultry breeders are joining forces with university research teams across Europe and Israel to form a ChickenStress consortium.

The consortium, led by the University of Newcastle's Centre for Behaviour and Evolution, aims to understand how the stress response is regulated in the avian brain and to minimise chronic stress by investigating the 3 main contributors to variation in the stress response:

1. Genetic variability
2. Early-life environment
3. Current environment

Power of public opinion on welfare

The establishment of the consortium comes at a time when public opinion across Europe demands that laying hens are kept in the highest possible welfare conditions. This has led in Europe to a ban on battery cages 7 years ago.

Although conceived with the best of intentions and seen as a bold step to improve welfare, unexpected problems have arisen with alternative production systems. Keel bone fractures, feather pecking and cannibalism and a resurgence of pathogens associated with birds being outdoors has risen due to a greater reliance on barn and free-range production.

Consortium participants

The consortium, which includes Trinity College, Dublin, the University of Utrecht, the Open University of Israel, University of St. Andrews, IVLO (Flanders Research Institute for Agriculture, Fisheries and Food), the University of Lleida, University of Bern and Hendrix Genetics, says chronic stress is at the core of many of the challenges.

of stress-related genetic data in chickens

5. Genetic and stress effects on the gene architecture and transcriptomics of the central extended amygdala
6. Interactions between genetics and early environment on stress response and adaptive capacity
7. Effects of early life experiences on micro-circuitry in forebrain areas involved in stress regulation
8. Early life conditions and individual differences in range use in free ranging laying hens
9. Effects of on-farm hatching on behavioural development and stress response

tier use in commercial tiered aviaries

13. Effects of housing conditions and of individual differences in space use on hippocampal neuroplasticity
14. Changes in sleep as a measure of stress in laying hens

The study, which will run until June 2022, will include Genomics and Bioinformatics workshops at St Andrews next year, a science and industry workshop in Switzerland in 2021 and a final network conference in Valencia, Spain combined with an outreach event for the egg sector.

10. Developing housing to improve the transition between rearing and laying periods

11. Effects of early life experience on spatial cognition, neurogenesis and neuroendocrine responses to stress
12. Individual variation in

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There are 14 projects that are due to launch in October. These cover:

1. Connections and stress-related activity of different neuron subpopulations of the central extended amygdala
2. Forebrain regulation of the stress response in chickens
3. Predicting stress sensitivity of laying hens by identifying genetic, incubation and rearing factors
4. Bioinformatic analyses

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