destined to finance research and promotion programmes designed to increase consumer demand for upland cotton in America and international markets. The cotton import fee was lastly increasing on September 30, 2011 from USD 0.01088/kg.

Turkmenistan Cotton Harvest Collected

Collection of the cotton harvest is underway from the fields of Turkmenistan with a total square of 550,000 hectares. More than 60 per cent of the harvest has already been collected, Neutral Turkmenistan newspaper reported on Thursday.

Some 1.109 million tons of cotton is planned each year and harvesting began late August.

The information says a rich harvest of Eloten-14, Eloten-32, 9871-I fine fibre cotton varieties were collected from the fields of the Mari and Akhal regions. These varieties are traditionally planted in the two southern regions of Turkmenistan considering soil and climatic conditions.

149F, 133, Eloten-7, Dashoguz -120, Serdar are classified among the medium fibre cotton varieties produced by farmers all over the country and collected through machine harvesting.

'Fine and medium fibre varieties of Turkmen cotton are characterised by a high productivity and quality', the report states.

Around 600 John Deer и Case Corporation harvesting combines are operating in the harvest. Over 2,500 trucks and 3,500 tractors are involved in the process.

The raw materials are supplied to 157 procurement centres from where the raw materials are transported to 37 enterprises for processing.

Late in September Turkmen President Gurbanguli Berdimuhamedow demanded that action be taken on an increase of the cotton harvesting rates and its successful completion was to be timely and without loss.

Around 1.1million tons of cotton was collected last year. The country traditionally exports raw materials to China, Russia, Great Britain, South Korea, Turkey, Iran, Indonesia, Singapore, Ukraine and the Baltics.

India says cotton exports to drop as China demand falls

Cotton exports from India, the world's second-largest producer, are likely to drop by nearly half to 7 million bales in the 2012/13 marketing year that began on October 1, a senior government official said, hit by waning global demand and lower output.

Indian traders shipped a record 12.9 million bales, each of 170 kg, in the previous marketing year, mostly to China, making it the number two exporter to the United States and ahead of Australia which shipped around 5.8 million bales. "China is sitting on huge stocks. The world is having enough cotton and no one is queuing for exports," Textile Commissioner A.B. Joshi told reporters after a state-run Cotton Advisory Board (CAB) meeting.

China, the world's largest consumer of cotton and India's biggest client, is expected to cut imports by over 50 percent in the 2012/13 as the Asian giant tries to trim bulging cotton stocks. Farmers in India are expected to harvest 33.4 million bales of cotton in the current year, down 5.4 percent

from a record 35.3 million bales in the previous year, said Joshi. A Reuters poll of 10 traders pegged the output for 2012/13 at 34 million bales, down 3.7 percent from last year. In 2011/12, high domestic prices had encouraged farmers to plant cotton on 12.2 million hectares, up 8.93 percent from the previous year.

Global prices this year have been falling sharply on waning world demand and an expected rise in world output. The December cotton contract in New York has fallen about 25 percent since April 1, when farmers in the United States, the world's biggest exporter, started planting.

At 1223 GMT on Thursday, the contract was trading down 0.17 percent at 72.04 cents per lb.

Spot prices in India are currently around 81 cents per lb. Traders are expecting any sharp decline in domestic cotton prices to trigger government buying to protect farmers' interests. The October cotton futures contract closed down 1.44 percent at 15,790 rupees (\$300) per bale.







World Textile News

Brazilian Textile and Clothing Associations files safeguard action against imports

Brazilian Textile and Apparel Industry Association (ABIT) filed a safeguard petition covering 50 clothing products accounting for 82 % of Brazil's total apparel imports

The petition is focusing on apparel imports from all suppliers and regions and not just Chinese ones. The filing includes over 2000 pages of information filed to Brazil's Ministry of Development, Industry and Commerce (MDIC). ABIT favours the establishment of quotas on apparel imports, but would accept the imposition of safeguard tariffs in addition to the 35 % most-favoured-nation duty rates currently in place.

In principal the ABIT's petition is confidential but ABIT focuses on the 240 percent increase in apparel imports during 2007 to 2011 accompanied by a significant decrease in domestic production. Most of the import growth derives from Asia and predominantly from China. ABIT claims that the imports and currency fluctuations have resulted in a strong Brazilian currency versus an undervalued CNY. In addition the economic downturn has led to sluggish apparel sales to the USA and EU generating excess Asian production and Asian countries seek to export these to other markets like Brazil.

As it is the case in other countries, of course the Brazilian Association of Textile Retailers is opposed to the ABIT

filing claiming that the Brazilian industry has not kept pace of innovation and cost reductions promoted by the global textile industry. It mentioned also the fact that only 35 companies have presented data to the MDIC in a universe of some 30000 manufacturers in Brazil.

The timeframe of the future decision by Brazilian authorities is not known, as well as if they decide to reject or accept the petition or to initiate an official investigation. If MDIC is to take safeguard action the ministry would have to determine that the named apparel items in the petition were imported into Brazil in such increased quantities as to cause or threaten serious injury to the Brazilian industry that produces the same product or are in direct competition with the imported article. Presently, the country has only one safeguard measure and non in the textile area in place.

USA to increase cotton import fees

On September 27 the assessments to be paid by importers of cotton and cotton containing products under the Cotton Research and Promotion order will increase by a ruling of the Department of Agriculture's Agricultural Marketing Service

The increases are raised from USD 0.012665/kg to USD 0.014109/kg and are reflecting the increase of the average weighted price of upland cotton received by U.S. farmers during 2011. The revenues from these assessments are





from 11 countries whose areas of expertise associated with this emerging technology. As a main topic of the INF 2012, different practical strategies for commercialization of nanotechnology-based products were reviewed and discussed.

Iran-EU Trade Ties Stand at 7.5bln Euros

The volume of trade relations between Iran and the European Union amounted to 7.5 billion euros in the first half of 2012.

According to a report by the EuroStat website, the volume of Iran's export to the EU in the first half of 2012 stood at 4bln euros, while the volume of Iran's import from EU hit 3.5bln euros in the same period.

The large volume of the transactions between Iran and the EU came irrespective of the US-led western sanctions against Iran.

Iran is under four rounds of UN Security Council sanctions for turning down West's calls to give up its right of uranium enrichment.

The United States and its allies accuse Iran of pursuing a military nuclear program and have used their influence on the UN Security Council to press for fresh sanctions against Tehran. Iranian officials have repeatedly refuted the accusations, arguing that as a signatory to the nuclear Non-Proliferation Treaty (NPT) and a member of the International Atomic Energy Agency (IAEA), Tehran has the right to use civilian nuclear technology.

Iranian Inventors Patent Special Wound Dressing with USPTO

Iranian pharmacists invented a nanostructured wound dressing which comprises active wound healing and antibacterial agents. The innovative method and its related product was granted a US patent on July 19, 2012.

"Our invention is a skin care gel containing pectin nanoparticles, wound healing and anti-microbial agents. The proposed wound dressing involves positively or negatively charged polymers which cover and protect the wound surface. The employed nanoparticles enable a controlled release of the wound healing agent or the antimicrobial agent to the wound efficiently in course of time," Dr. Rassoul Dinarvand, PhD in pharmaceutics, Professor and Head of Faculty of Pharmacy and Medical Nanotechnology Research Center at Tehran University of Medical Sciences, told INIC.

"As a result, the wound healing process becomes faster and much easier by this method."

"A very simple and straightforward technique has been adopted to prepare pectin nanoparticles attached by the desired wound healing agents," he said, adding, "This synthesis method is solvent-free and, in contrast to the conventional methods used for the production of nanoparticles, does not entail sonication or homogenization which disrupts peptides and proteins in general."

"As the active ingredients of this product are enclosed inside a specific nanostructure, their release is well under control and obeys a pseudo-zeroth-order kinetics," Dr. Dinarvand said, underscoring the controlled release mechanism as a superior feature of the method. He also appreciated the INIC for its financial support for the patenting process of the novel method, and stated that the INIC's financial incentive policies are most effectively encouraging Iranian inventors to patent their innovations globally.

Iran International Textile Exhibition

Irantex Tech is the 17th International Exhibition for Textile Machineries, Embroidery Machines, Raw Materials, Home Textiles & Textile Products. Irantex Tech will be held at Tehran Permanent Fair Ground from 15 to 18 Oct 2012.

Exhibitor profile includes Textile Machineries, Accessories for textile machinery, Auxiliary equipment, Bleaching and washing machinery, Bonding and Finishing machine, Felting needles, Inspecting, measuring and folding, Sewing Machineries, Embroidery machineries and Accessories, Apparel Machinery & Accessories, Raw Materials, Consultants & Services, Apparel, Fabrics.







Iran Textile News

FMCEX Fair in Tehran

Tosea Eurasia Navid Co., the organizer of the 4th International Exhibition of Floor Covering, Moquatte and Machine – Made Carpet of Tehran (FMCEX), welcomed all producer and industrialist to visit FMCEX2012.

Arianpoor, managing director of Khoob carpet said: "Exhibition is the cross section of idea and though which can create a relation between customers and producers. FMCEX can help companies and enterprises to show their products and can represent the power of machine-made carpet to society. In addition, FMCEX had more effects which confirm the requirement of this kind of exhibitions. According to a producer of machine-made carpet, technical exhibition would be one of the significant requirements. FMCEX during 3 times of holding showed that technical fair has an effective influence among producers and customers. It can provide a potential for fair competition with high quality and different products. There 80 exhibitors participated from 26th September to 29th September At FMCEX 2012.

5th Int'l Exhibition, Festival on Nanotechnology Kicks Off in Tehran

The fifth International Exhibition and Festival on

Nanotechnology (Iran Nano 2012)was hold in Tehran's International Permanent Fairground.

Iran's Vice-President for Science and Technology Nasrin Soltankhah and Iranian Commerce Minister Mehdi Qazanfari attended the inauguration ceremony of the Festival.

Similar to previous years, Iran Nano was due to mark the greatest nanotechnology-related event in the country.

In this year's Festival and Exhibition, the latest achievements in terms of scientific advancement, research output, and industrial development were put on display.

Also, concurrently with Iran Nano 2012, the massproduction of nanotechnology-based products for textile, membrane and filtration industries were inaugurated.

Several active bodies dedicated to nanotechnology promotion including the Nano Club, technical bookshops, academic centers such as universities and research institutes, as well as nanotechnology incubation companies and 35 nanotech equipment/instruments provider companies were among the participants in the event.

Iran Nano Forum 2012 (INF 2012), targeting the commercialization of nanotech-based domestic products was being held concurrently with the Iran Nano 2012. The Forum was attended by scholars









well as superior reliability. Thanks to its state-of-the-art technology, the new machine is even more compact and generates less noise and vibration despite its higher speed. It also has a built-in cooling system connexion and requires less maintenance.

During ITME S3060 dobby will be operated at the Stäubli booth on a demonstration unit.

■ New 1671/1681/1781 cam motions

Stäubli has adapted its range of cam motions to meet the latest requirements. The streamlined series of products now includes the new types 1671/1681/1781. With a high-performance cam-and-lever assembly and a broad range of symmetrical and asymmetrical cams, these advanced machines offer increased flexibility and performance. A cam motion type 1681 will be demonstrated at the Stäubli booth.

■ MAGMA T12 warp tying machine

Warp-tying machine MAGMA T12 ties medium to coarse yarn types and is ideal for technical fabrics, which are rapidly growing in importance. MAGMA ties monofilaments, coarse multifilaments, PP ribbons, bast fibres, coarse staple fibres, and many other fibre types. The machine is equipped with an optical system for double-end detection and has a patented yarn separation system with no need of specific separation needles. For convenient operating and to provide more information about the progress of the tying process, the MAGMA T12 is equipped with a new touch-screen panel.

■ TOPMATIC warp-tying machine

Besides MAGMA proven TOPMATIC is also being demonstrated at the Stäubli booth. This universal warp tying machine stands for highest quality in warp tying over the full range and down to the finest threads. The various TOPMATIC models are equipped with the unique electronic double end detection that prevents tying of double ends also when tying flat sheets.

ALPHA 400 series – for area rugs and carpets

The ALPHA 400 series of carpet-weaving machines has proved its success with many customers who use it to efficiently produce area rugs and wall-to-wall carpeting for the residential, contract, and transportation sectors. Available in five configurations and featuring state-of-the-art technology, the ALPHA 400 produces carpets in excellent qualities and impressive patterns at outstanding production rates. The new Multi Weft Selector adds even more flexibility to the ALPHA 400. It allows the insertion of up to six plus six different weft yarns in the same fabric. This offers many new possibilities for designers and carpet weavers to create and produce new carpet qualities. Any ALPHA 400 machine can be upgraded by adding the Multi Weft Selector.

At India ITME Schönherr will present top-quality area rugs with very high reed densities produced on ALPHA 400 machines.

- 1. SX electronic Jacquard machine
- 2. S3060 electronic rotary dobby
- 3. MAGMA T12 warp tying machine for medium to coarse yarns









Stäubli at the India ITME 2012 in Mumbai

On its booth P1 in Hall 5 Stäubli will be showing a selection of its most modern products of the complete textile machinery range. This includes cam motions, dobbies, and electronic Jacquard machines with harnesses, weaving preparation systems with automatic warp drawing-in, leasing and warp tying machines. Furthermore state-of-the-art electronic drives and control solutions by DEIMO, predominantly for textile machines, will be shown.

Stäubli Group member Schönherr presents its exclusive carpet samples, including those manufactured with Multi Weft Selector, produced on the ALPHA 400 carpet-weaving machine.

Products that Stäubli presents at India ITME 2012:

Type SX Jacquard machine

Since its introduction two years ago, the SX Jacquard machine has gained wide and enthusiastic approval by customers. This extremely versatile machine for broad use in modern Jacquard weaving mills meets the highest demands. Productivity of the SX surpasses that of other models, the machine is more compact, and it offers higher performance – meaning high loads and high speed. Its nearly vibration-free drive mechanism is extremely reliable. The machine requires a minimum of maintenance. The SX is available in two sizes, with 1,408 or 2,688 hooks. It is adaptable to rapier, air jet, and projectile weft-insertion systems.

New type SX V Jacquard machine for velvet

Its sister model, the machine called SX V, has meanwhile been developed for the production of velvet fabrics. The SX V is equipped with 2,688 hooks driven by the M6.2 three-position module. The machine version can be adapted to any type of new or existing velvet weaving machine.

During India ITMA Asia an SX with 2,688 hooks

including Stäubli harness will be demonstrated at the Stäubli booth weaving terry towel fabric on a 260 cm wide rapier weaving machine. A second Jacquard machine type SX can be seen on a demonstration unit that includes the new control unit JC7 with colour touch screen simulating the production of upholstery fabric with Stäubli harness of 5,164 cord and reed width 140 cm at a speed of 1,000 rpm.

■ Type LX1602 Jacquard machine

The LX 1602, built for high speed and greater load capacity, and available in a range up to 5,120 hooks, will also be exhibited at the Stäubli booth. During ITMA it will be producing upholstery fabric on a 340 cm wide rapier weaving machine, configured with a Stäubli harness of 19,200 harness cords.

■ S3060/S3260 – New generation of dobbies

Based on the success of the rotary dobby invented by Stäubli decades ago, the newly developed rotary dobby family S3060/S3260 comes with a new locking system – the heart of every dobby. The evolutionary principle features enhanced security for the selection of the heald frames, allowing higher running speeds as







he technology investments, that accelerated in 2012 will also confinue in 2013.

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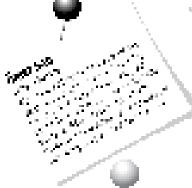
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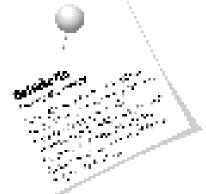
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