



Research Update:

- *Milk is Gold*
- *More Cotton Production, Less Irrigation and Fertilization*
- *China's Soilless Culture Auto-control Technology Meets the International Standard*

International Exchange

Events :

- *The 2nd Global Forum of Leaders for Agricultural Science and Technology*
- *The Ceremony of the 50th Anniversary of CAAS*
- *CGIAR Annual General Meeting*

### *Milk is Gold*

The deep-processed bio-active buffalo dairy product, a major output of the key international cooperative project undertaken by the Institute of Buffalo Research of CAAS has recently won the release permission from Chinese authorities.

By assimilating the deep processing

technology of buffalo dairy products from Bulgaria, a new type of yellow cheese and wash rind cheese were developed and became the champion on the Chinese market.

These cheese products are rich in amino acid and nutritious content. They enjoy independent IPR.

### *More Cotton Production, Less Irrigation and Fertilization*

The Institute of Cotton Research of CAAS has recently accomplished two technological breakthroughs in cotton irrigation and fertilization.

The *semi-subsurface drip irrigation system* extended in Xinjiang autonomous region has pushed the average annual output up by 11% in three years and enhanced the water use efficiency by 35%; a nutrition uptake and balanced fertilization model was es-

tablished, which contributed to the integrated irrigation and fertilization system adopted in the Yellow River, Huai River and Hai River regions.

The new irrigation system and fertilization model were applied in 132,000 hectares of demonstration areas, which have increased the water and fertilizer use efficiency by 20-30% and yielded more than 10% of unginned cotton.

### *China's Soilless Culture Auto-control Technology Meets the International Standard*

The Institute of Environment and Sustainable . Development in Agriculture of CAAS has recently accomplished a key technological breakthrough on upgrading the water culture unit for plants and automatic control system

of liquid nutrition.

The automatic testing and control on liquid nutrition is the core technology in the water culture technology system.

### *International Exchange*

Dr. Huqu Zhai met with Dr. Emile Frison, Director General of Biodiversity International and Dr. Anthony Gregson, Chair of the Biodiversity Council in Beijing on September 25 2007.



Dr. Jemin Gjanathe, the Albanian Minister of Agriculture visited CAAS and met with CAAS President Dr. Huqu Zhai on September 6, 2007 in Beijing.



CAAS delegation headed by Dr. Huqu Zhai, President of CAAS, visited Poland and Germany on August 7-16, 2007.



#### **Contact Us**

Department of  
International  
Cooperation  
Chinese Academy of  
Agricultural Sciences  
T: 86-10-68919477  
F: 86-10-62174060  
[dic@caas.net.cn](mailto:dic@caas.net.cn)

Send a request to  
[wj@caas.net.cn](mailto:wj@caas.net.cn) for  
free electronic copies  
of this newsletter.

#### **Editorial Group**

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[wj@caas.net.cn](mailto:wj@caas.net.cn)

### *The 2nd Global Forum of Leaders for Agricultural Science and Technology*

(GLAST-2007)---Modern Agriculture and Rural Development, co-sponsored by FAO and CGIAR, as a major event for the celebration of the 50th anniversary of CAAS, October 18-19, 2007, Xiyuan Hotel, Beijing.

Contact: Xiu Yang, Deputy Division Chief 86-10-68919470

More at <http://www.caas.net.cn/caas/glast/glast2007.html>

### *The Ceremony of the 50th Anniversary of CAAS*

November 10, 2007  
Jingxi Hotel, Beijing.

Contact: Jing Wang, program officer  
86-10-68919477

More at <http://www.caas.net.cn/>

### *CGIAR Annual General Meeting*

Organized by CGIAR and co-sponsored by CAAS.

December 3-6, 2007

Beijing International Conference Center, Beijing.

Contact: Yukun Liu, program officer  
86-10-62180277

More at <http://www.cgiar.org/meetings/agm07/index.html>