



## CHINA FORAGE & GRASSLAND RESEARCH SYSTEM

March 15, 2014

### Invitation letter

On behalf of China Forage & Grassland Research System and colleagues in USA, we cordially invite you to participate in the 2014 Sino-US Forage Technology & Product Conference on August 10<sup>th</sup>-12<sup>th</sup>, 2014 in Beijing, China.

The meeting will present information relating to issues in the forage industry, provide solutions for challenges in forage production, and promote communication, cooperation and academic exchanges.

We will provide an outstanding environment for the meeting. Warm welcome and look forward to your participation.

Sincerely,

Yingjun ZHANG  
Chief Scientist  
China Forage & Grassland Research System

Dan Undersander  
Extension and Forage Agronomist  
University of Wisconsin



China Agriculture  
Research System  
现代农业产业技术体系



国家牧草产业技术体系  
China Forage and Grass Research System

## 2014 Sino-US Forage Technology & Product Conference Second Announcement

### Invitation

China Forage & Grassland Research System cordially invites you to participate in the 2014 Sino-US Forage Technology & Product Conference on August 10 Beijing, China.

Aiming to discuss topical issues in forage industry, provide solutions for problems in forage production, and promote communication, cooperation and academic exchanges between sectors.

### Basic Information

10/08/2014 to 12/08/2014

Xiedao Group Resort, Beijing, China

Product, Technology, Innovation, International Cooperation.

### Abstract Topics

New Breeding Approaches, Salinity, Disease, Pest & Weed control, Water & Fertilizers, Winter Survival, Silage Making, Hay Making, Hay Market, NIR Testing & Nutrition, Grassland Improvement & Rotation



## Program Outline

Sunday, 10 August 2014		
10:00-22:00	<b>Reception &amp; Registration</b> Three O' Clock Conference Center	
Monday, 11 August 2014		08:30-16:45
08:30-09:00	<b>Opening Ceremony</b>	
09:00-09:45	Plenary 1: US forage development Speaker: Dan Undersander Chair: Academician NAN Zhibiao	
09:45-10:30	Plenary 2: China forage industry Speaker: YANG Zhenhai Chair: WANG Lijian	
10:30-11:15	Plenary 3: Feeding strategies in Dairy industry Speaker: LI Shengli Chair: ZHANG Yingjun	
11:15-12:00	Plenary 4: Progress of forage technology in China Speaker: ZHANG Yingjun Chair: LI Weiwei	
12:00-12:30	Group Photo	
12:30-13:00	Buffet	
13:00-13:30	Poster Viewing & Discussion	
Themes	New Breeding Approaches	Disease, Pest & Weed Ccontrol
13:30-14:15	Medicago Genome Mark McCaslin Forage Genetics International	Disease control in Chinese grasslands and forage field DUAN Tingyu Lanzhou University
14:15-15:00	Genome-wide association studies of disease resistance in alfalfa using genotyping by sequencing YU Longxi United States Department Of Agriculture	Weed control principle and application in Alfalfa field PENG Jingyu DOW
15:00-15:45	Advances in alfalfa hybrid breeding XU Ankai Jilin Academy of Agricultural Sciences	Pest management in Chinese grasslands and forage field ZHANG Zehua Institute of Plant Protection, CAAS
15:45-16:30	Low lignin and bypass protein Mark McCaslin Forage Genetics International	Major Alfalfa Diseases and Nematodes in the USA-Biology and Control Jessica Tofte Forage Genetics International
16:30-16:45	Refreshments & Poster Viewing	

<b>Monday, 11 August 2014</b>		<b>16:45-20:00</b>
<b>Themes</b>	<b>Hay Market</b>	<b>NIR Testing &amp; Nutrition</b>
<b>16:45-17:15</b>	Developing forage industry to solve the food safety problems WANG Mingli Institute of Agricultural Economy and Development, CAAS	Apply NIR to forage production LI Zhiqiang China Agricultural University
<b>17:15-18:00</b>	Alfalfa hay-learning from the market and A new international education program supporting professional forage farming development Dave Eckholm and Representative of Cal Poly Hayday Farms California Polytechnic State University	Application of alfalfa in non ruminant animals WANG Chengzhang Henan Agricultural University
<b>18:00-20:00</b>	Dinner Poster Viewing & Discussion	

<b>Tuesday, 12 August 2014</b>		<b>08:30-13:30</b>
<b>Themes</b>	<b>Salinity</b>	<b>Hay Making</b>
<b>08:30-09:15</b>	Salinity Management Dan Putnam University of California-Davis	Mower / conditioner use and adjustments Philip Eby, New Holland
<b>09:15-10:00</b>	Salinity Standard test and breeding success Dennis Cash Forage Genetics International	Baling and density Josh Vrieze Vermeer Corporation
<b>10:00-10:45</b>	Advances in salt resistance breeding of alfalfa YANG Qingchuan Institute of Animal Science, CAAS	Preservatives for forage processing include hay and silage Todd Johnson Kemin Industries
<b>10:45-11:00</b>	Refreshments & Poster Viewing	
<b>Themes</b>	<b>Water &amp; Fertilizers</b>	<b>Silage Making</b>
<b>11:00-11:45</b>	Tissue testing for alfalfa nutrition management Dan Undersander University of Wisconsin-Madison	Silage inoculants and Silage Quality control YU Zhu China Agricultural University
<b>11:45-12:30</b>	Alfalfa fertilization management: research advances and current practices LI Xianglin Institute of Animal Science, CAAS	Silage making in US and China for alfalfa-corn principle GUO Xusheng Lanzhou University
<b>12:30-13:00</b>	Buffet	
<b>13:00-13:30</b>	Poster Viewing & Discussion	



Tuesday, 12 August 2014		13:30-20:00
Themes	Water & Fertilizers	Silage Making
13:30-14:15	Water management (limited irrigation-sprinkling) Dan Putnam University of California-Davis	Feeding value, silage technology and security of straw silage GU Hongru Jiangsu Academy of Agricultural Sciences
14:15-15:00	Water-saving irrigation of alfalfa production LI Weijun Xinjiang Agricultural University	Silage and quality control of natural grassland JIA Yushan Inner Mongolia Agricultural University
15:00-15:15	Refreshments & Poster Viewing	
Themes	Winter Survival	Grassland Improvement & Rotation
15:15-16:00	Harvesting schedule for winter survival of alfalfa Dan Undersander University of Wisconsin-Madison	Roles of Forage and Grassland Ecosystems in the 21st Century Min Doohong Kansas State University
16:00-16:45	Evaluation of cold resistance of alfalfa SUN Qizhong Institute of Grassland Research, CAAS	Re-vegetation and effect in karst native vegetation ZHANG Xinquan Sichuan Agricultural University
16:45-17:30	Alfalfa survival strategies: water and fertilizer management LI Zhongpeng Heilongjiang Bloomberg Pasture	Improvement and production of deteriorated grassland in Qinghai-Tibet Plateau ZE Bai Sichuan Academy of Grassland Science
17:30-18:15	Winter survival and fertilizer application of Alfalfa in Qinghai-Tibet Plateau QI Juan Gansu Agricultural University	Soil physical and chemical characteristics of different grassland rotation in Northwest China SHI Shangli Gansu Agricultural University
18:15-18:45	<b>Summary and Closing Ceremony</b>	
19:00-20:00	Buffet Dinner Poster Viewing & Discussion	



## **Organizers**

China Forage & Grassland Research System  
North American Forage Association  
Xinjiang Academy of Animal Science

## **Co-Organizers**

Forage Engineering Research Center, MOA  
China Agricultural University  
Beijing Herdsman Culture Media Co., Ltd.

## **Supporters**

Animal Husbandry Department of Ministry of Agriculture  
National Animal Husbandry Station  
Department of Animal Husbandry of Xinjiang Uygur Autonomous Region  
Department of Science and Technology of Xinjiang Uygur Autonomous Region  
Xinjiang Association for Science and Technology  
Xinjiang Grassland Society

## **Galleries Distribution**

Section A, Seed Company  
Section B, Hay Trader  
Section C, Fertilizer  
Section D, Equipment  
Section E, Poster Presentations

## **Registration Fee**

RMB 1, 000/Person, including food and beverage, but not including accommodation fee.  
The conference reserves rooms for guests. Guests need to pay for accommodation fee by themselves.



# Accommodation

## Xiedao Group Resort Beijing

Address: No. 1 Xiedao Road, Chaoyang District, Beijing.

450 RMB Single/Double

Tel: 86-10-84335566



## Contact Information

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