

Draft Programme: 8th International Herbage Seed Conference, Lanzhou China June 2015

Day 1	Monday				
Time	Topic	Speaker	Country	Institution	Chair person
08:45	Welcome to delegates	Local organizing committee; Local officials (University/City etc); President IHSG			
09:15	Overview of Chinese Seed Industry & Gansu seed production				
	Plenary talk: Forage seed production and quality control in China	Wang Yanrong	China	Lanzhou University	Dr. Phil Rolston
09:45	Session 1. Genetics and Breeding				Dr. Phil Rolston & Prof. Peisheng Mao
09:45	Plenary talk: "The plant breeders' dilemma: forage versus seed"	Alan Stewart	NZ	PGGWrightson Seeds	
10:15	Plenary talk: Can molecular genetics breeders help solve the plant breeders' dilemma of forage versus seed	Zengyu Wang	USA	The Samuel Roberts Noble Foundation	
10:45	Morning tea & view Session 1 posters				
11:00	Flowering dynamics of a diverse perennial ryegrass population grown for seed	Simon Abel,	Denmark	Aarhus University	
11:20	Seed traits variation and correlation analysis of different <i>Leymus chinensis</i> germplasm	GongsheLiu	China	Institute of Botany CAS	
11:30	The screening for Siberian wild rye germplasms with low seed shattering rate and implication for future genetic improvement	Wengang,Xie	China	Lanzhou University	
11:50	Stability analysis of oat seed yield in different eco-regions of Gansu Province	Guiqin Zhao	China	Gansu Agricultural University	
12:10	Targeted mining Cleistogamy genes in Cleistogenessongoricaby transcriptomesequencing	Jiyu Zhang	China	Lanzhou University	
12:50	Lunch				

02:00pm	Session 2. Seed production: achieving high yields and environmental sustainability				Prof. John Hampton & Prof. Qingfeng Li	
02:00pm	Plenary talk: The next steps to achieve higher seed yields	Thomas Chastain	USA	Oregon State University		
02:30pm	Plenary talk: Cytokinin regulation in seed, a key driver of seed size	Paula Jameson	NZ	Canterbury University		
03:05pm	Climate change and herbage seed production: cause for concern?	John Hampton	NZ/Denmark/USA	Lincoln University		
03:25pm	Un-realized seed yield potential-undersized seed and seed loss	Jason Trethewey	NZ	AgResearch		
03:45pm	Afternoon tea and view Session 2 posters					
04:05pm	Irrigation and trinexapac-ethyl effects on seed yield in first-and second-year red clover stands	Nicole Anderson	USA	Oregon State University		
04:25pm	Spring defoliation date affects on seed yield of ryegrass	Bede. McCloy	NZ	NZ Arable		
04:45pm	Use of precision agriculture tools in conducting a large-scale field trial inforage kale seed Production	Murray Kelly	NZ	PGGWrightson Seeds		
05:05pm	Thoughts about a new nitrogen regulation system in Denmark	Rene Gilsum	Denmark	Aarhus University		
05:25pm	The potential impact and opportunities from nutrient management regulation on the New Zealand herbage seed industry	Nick Pyke	NZ	Foundation for Arable Research		
05:45pm	Poster session					
06:30pm	Conference dinner					

Day 2	Tuesday				
Time	Topic	Speaker	Country	Institution	Chair person
	Session 3. Endophyte utilization and pests control				Prof. Birte Boelt & Prof. Chun Jie Li
08:30	Plenary talk: Vertically transmitted endophytes as biocontrol agents	John Hampton	NZ	Lincoln University	
09:00	Plenary talk: The relationship between endophyte infection and perennial ryegrass seed morphological characteristics	Pei Tian	China	Lanzhou University	
09:30	Issues in the production and delivery of high viable endophyte seed to end users	Phil Rolston & Stuart Card	NZ	AgResearch PGGWrightson	
09:50	Morning tea and view Session 3 posters				
10:20	How does fungicide treatment influence stem rust incidence following a single application in turf type perennial ryegrass	Richard Chynoweth	NZ	Foundation for Arable Research	
10:40	Repellent effect of three insecticides on pollination activity in seed crops of red clover (<i>Trifolium pratense</i>)	Lars T. Havstad	Norway	Norwegian Institute for Agricultural and Environmental Research	
11:00	<i>Ditylenchus dipsaci</i> nematodes on alfalfa seeds: how to manage for healthy seeds ?	François Deneufbourg;	France	FNAMS Fédération Nationale des Agriculteurs Multiplicateurs de Semences	
11:20	Management of grass weeds in grasses grown for seed in western Oregon, USA	Andrew Hulting	USA	Oregon State University	
11:40	Phenoxy herbicides responses in white clover seed production	Richard Merrilees	NZ	PGGWrightson Seeds	
12:00	Lunch				

02:00pm	Session 4. Seed quality: from field to storage					Prof. Tom Chastain
02:00pm	Plenary talk: Sources of variation in physiological dormancy in seeds	C. Baskin	USA	University of Kentucky		
02:30pm	Plenary talk: Seed set and seed development in perennial ryegrass	Birte Boelt	Denmark	Aarhus University		
03:00pm	Developing viability testing methods for native seeds to promote their use in re-vegetation of desertification lands	Yanjun Zeng	China	Lanzhou University		
03:20pm	Physiological and biochemical responses to ultrasonic treatments on aged grasses seeds germination and seedling growth	Quanzhen Wang	China	Northwest A&F University		
03:40pm	Effect of light on seed germination and its practical implication	Xiaowen Hu	China	Lanzhou University		
04:00pm	Afternoon tea and view Session 4 posters					
04:30pm	Effect of increasing temperatures on germination of two varieties of <i>Panicumcoloratum</i> .	Maria Andrea Tomas	Argentina	INTA EEA Rafaela		
04:50pm	Development of a PCR protocols to rapidly distinguish between similar herbage seeds	Zhipeng Liu	China	Lanzhou University		
05:10pm	Physiological changes related to deterioration during the storage of Siberian wildrye (<i>Elymusibiricus</i> L) seeds of different moisture content	Peisheng Mao	China	China Agric University		
05:30pm	Single counts of radicle emergence to predict seed vigor of <i>Elymusnutans</i> and <i>Avena sativa</i>	YanyanLv	China	Lanzhou University		
06:30pm	Conference dinner					

Day 3	Wednesday				
Time	Topic	Speaker	Country	Institution	Chair person
	Session 5. Seed production in developing countries, and extension, tech transfer and training				Prof. Ran Yong Wang & Dr. Nicole Anderson
09:00	Plenary talk: The difficulties of smallholder village farmer forage seed production in Thailand and Laos	Mike Hare	Thailand	UbonRatchathani University	
09:30	Plenary talk: Extension - delivering opportunities to the herbage seed industry: the NZ experience	Nick Pyke	NZ	Foundation for Arable Research	
10:00	Alfalfa seed production technology in China: an overview	XianguoWan g	China	China Agricultural University	
10:20	Grass seed production in the Hexi Corridor	YunhuaHan	China	Lanzhou University	
10:40	Morning tea and view poster Session 5				
11:00	The challenge of perennial grass seed production in China	Alan Stewart/Lui/Rolston	NZ/China	PGGW /CAS Beijing/ AgR	
11:20	Alfalfa seed production and extension in Hetian region of Xinjiang China	ChunHui Ma	China	ShiHeZi University	
11:40	Conference close IHSG President				
12:10	Lunch				
02:00pm	Visit research sites in Yuzhong, Gansu Province				
06:00pm	Closing banquet and ceremonies				