

# INTERNATIONAL CONFERENCE ON SORGHUM FOR BIOFUELS

Tuesday, August 19, 2008

7:00 – 8:00 am	Registration and Continental Breakfast	
<b>Opening</b> 8:00 – 9:00 am	Dr. Merle Pierson, MC Welcome and Opening Remarks	Dr. Mark Hussey, Acting Dean, AgriLife, Texas A&M University Dr. Gale Buchanan, Under Secretary, REE-USDA Dr. Liu Yanhua, Vice Minister, Ministry of Science & Technology-PR China
9:00 – 10:00 am	Sorghum as a Biofuels Feedstock: Strengths, Weaknesses, Opportunities and Threats from an Industry/Farmers Perspective  Sorghum for Biofuels: Critical Research Initiatives	Mr. Tim Lust, CEO, NSP Dr. Anna Palmisano, DOE
10:00 – 10:30 am	Break	
<b>Plenary Session I</b> 10:30 – 12:00 am	Dr. Bill Dugas, MC “Lessons learned on market impacts on commodities used in biofuel production” LCA and Market Impacts: “Applications: Using FASOM for Sorghum in Biofuels” Critical Supply Chain Issues: Transportation, Harvest, and Logistic Issues	Dr. Joe Outlaw, Texas A&M University Dr. Bruce McCarl, Texas A&M Dr. Lynn Wendt, Idaho National Laboratory
12:00 – 1:10 pm Lunch	Dr. Dan Upchurch, MC <b>Keynote:</b> “Why Biofuels Matter”	Mr. David Fleischaker, Secretary of Energy for the State of Oklahoma
<b>Plenary II</b> 1:15 – 3:35 pm	Dr. Jeff Dahlberg, MC <b>Sorghum Improvement, Production and Sustainability:</b> <ul style="list-style-type: none"> <li>• Biomass Focus: New R&amp;D for sorghum biomass</li> <li>• Bottlenecks in Addressing Feedstock Improvement: Can biotechnology address these?</li> <li>• Supporting Research for Biotechnology</li> <li>• Development of sorghum varieties for temperate climates</li> <li>• Breeding sweet sorghum for energy</li> <li>• Development of cultivars for industrial processing/ethanol production in Brazil</li> <li>• Super Sweet Sorghum for biofuel</li> </ul>	Dr. John Ashworth, NREL-DOE Dr. Neal Gutterson, Mendel Biotech Dr. Jeff Pederson, ARS-USDA Dr. Bill Rooney, TAMU Dr. Belum Reddy, ICRISAT Dr. Robert Eugene Schafeert, EMPRAPA Dr. Dajue Li, CAS
3:35 – 4:00 pm	Break	

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<b>Plenary III</b> 4:00 – 6:00pm	Dr. Kay Simmons, MC <b>Conversion to Fuel:</b> <ul style="list-style-type: none"><li>• Novel technologies for converting sweet sorghum stalks to biofuels</li><li>• Sorghum starch for fuel</li> <li>• Starch refinery adaptability</li><li>• Comparison of sorghum to other feedstocks</li><li>• In field conversion systems</li></ul>	Dr. Shi-Zhong Li, Tsinghua University Dr. Donghai Wang, Kansas State Univ. Dr. Robert Meyer, ICM Dr. Bill Orts, ARS-USDA Dr. Danielle Belmer, Oklahoma State University
6:00 – 6:20 pm	Day 2 Introduction and Instructions	
6:30 pm – 8:00 pm	Reception and Poster Session	

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<b>Wednesday, August 20, 2008</b>	7:30 am – 8:30 am	Continental Breakfast	
	<b>Breakout Session I</b> 8:30 am – 11:00 am	<p><b>Identify major challenges / knowledge gaps to enhancing sorghum’s use as a sustainable biofuel feedstock in the following areas:</b></p> <ul style="list-style-type: none"> <li>• Feedstock Development, Jeff Pederson</li> <li>• Conversion, Bill Orts</li> <li>• Sustainability and Agronomic Issues, Marie Vaughn</li> <li>• Economic Analysis, Greg Pompelli</li> </ul>	
	11:00 – 11:15	Break	
	<b>Plenary</b> 11:15 am -12:00 pm	<p>Dr. Bill Goldner, MC</p> <p><b>Report Out Breakout Session I</b></p>	
	<b>Lunch</b> 12:00 pm – 1:30 pm	<p>Mr. Jorge Sanchez, MC</p> <p>LCA of sweet sorghum</p>	Dr. Lixin Zhao, Chinese Academy of Agricultural Sciences
	<b>Breakout Session II</b> 1:30 pm – 3:30 pm	<p><b>Identify possible strategies and areas for collaboration to address major challenges / knowledge gaps to enhancing sorghum’s use as a sustainable biofuel feedstock.</b></p> <ul style="list-style-type: none"> <li>• Feedstock Development, Jeff Pederson</li> <li>• Conversion, Bill Orts</li> <li>• Sustainability and Agronomic Issues, Marie Vaughn</li> <li>• Economic Analysis, Greg Pompelli</li> </ul>	
	<b>Break</b> 3:30 – 3:45 pm		
	<b>Plenary</b> 3:45 pm – 4:45 pm	<p>Dr. Caird Rexroad, MC</p> <p><b>Report Out Breakout Session II</b></p>	
4:45 pm – 5:00 pm	Concluding remarks	Dr. Merle Pierson, REE-USDA	