

## Detailed Program Agenda



The International Silage Conference (ISC) is a global platform for sharing and exchanging breakthrough research in areas of silage production, conservation and feeding. Since its inception, it has emphasized the pivotal role of silage in small ruminant, beef, and dairy cow rations, provided unique insights on a wide range of complementary topics including forage agronomy, optimal conservation strategies, silage feeding and nutrition, silage safety, etc.

XX ISC facilitates interaction and dialogue among silage researchers and industry professionals by bringing them together at a single venue. By their very nature, each attendee brings unique perspectives, knowledge and input based on their individual expertise, research findings and unique experiences in the industry. Sessions will feature invited talks by experts in the silage community, and silage professionals from around the globe will be invited to submit abstracts for talks and posters describing their efforts, science, experiences, and results. The conference will also feature panels of notable experts on silage troubleshooting and silage harvesting.



**We look forward to seeing you at ISC 2025 in Gainesville, Florida USA!**


### Sunday, July 20, 2025

4:00 PM - 7:00 PM	Meeting Set-up and Exhibitor Move-In
	Conference Registration Officially Opens

### Monday, July 21, 2025

7:30 AM - 5:00 PM	Conference Registration Open
7:30 AM - 8:30 AM	Morning Refreshments [Poster Installation]
8:30 AM - 9:45 AM	OPENING PLENARY SESSION 1
	<b>MODERATOR: Richard Muck</b> , <i>USDA Dairy Forage Research Center (Retired), University of Wisconsin, USA</i>
8:30 AM	<b>Welcome and Introduction</b> <i>Conference Co-Chairs</i>
8:40 AM	<b>Opening Remarks</b> <b>Adegbola Adesogan</b> , Conference Convenor and Professor, <i>UF/IFAS Global Food Systems Institute, USA</i>
8:50 AM	<b>Dr. J. Scott Angle</b> , Senior Vice President of Agriculture and Natural Resources, <i>University of Florida Institute of Food and Agricultural Sciences (UF/IFAS), USA</i>
9:00 AM	<b>Opening Keynote Speaker: Silage Production and Utilization in the USA</b> <b>Kenneth Kalscheur</b> , <i>USDA-ARS, Dairy Forage Research Center, USA</i>
9:35 AM	<b>Q&amp;A   Discussion</b>
9:40 AM	<b>Special Acknowledgements</b> [Recognize sponsors and SPC]
9:45 AM - 10:15 AM	Refreshment Break in Sponsor Display Area

Monday, July 21, 2025	
	PLENARY SESSION 2
10:15 AM - 11:30 AM	Recent Advances in Silage Making
	Chaired by Diamond Sponsor: Novonesis 
	MODERATOR: Luiz Ferraretto, University of Wisconsin, USA
10:15 AM	Introductions
10:20 AM	Recent Advances in Silage Fermentation: Tim McAllister, Agri-Food Canada, Canada
10:50 AM	Recent Advances in Silage Sealing: Giorgio Borreani, University of Turin, Italy
11:20 AM	Q&A   Discussion
11:30 AM - 1:00 PM	Group Lunch & Presentation  Preventing Farmer-Herder Conflicts and Deaths with Strategic Supplementation and Milk Collection from Pastoralists Muhammadu Damakka Abubakar, CEO, L&Z Integrated Farms Nig Ltd.
1:00 PM - 2:00 PM	Formal Poster Viewing – Session 1 (ODD numbered posters)
	PLENARY SESSION 3
2:00 PM - 3:15 PM	Effective Silage Manipulation
	Chaired by Diamond Sponsor: Lallemand  <small>LALLEMAND ANIMAL NUTRITION</small>
	MODERATOR: Juan Romero, University of Florida, USA
2:00 PM	Introductions
2:05 PM	Novel Additives for Silage Fermentation: Limin King, University of Delaware, USA
2:35PM	Manipulating Silage Bacteria to Improve Animal Health: Xusheng Guo, Lanzhou University, China
3:05 PM	Q&A   Discussion
3:15 PM - 3:45 PM	Refreshment Break in Sponsor Display Area

Monday, July 21, 2025	
	PLENARY SESSION 4
3:45 PM - 5:00 PM	Advancing Silage Production
	Chaired by Diamond Sponsor: Cumberland Valley 
	MODERATOR: Luiz Gustavo Nussio, University of São Paulo, Brazil
3:45 PM	Introductions
3:50 PM	Designing Silage Forages for the Future: William Rooney, Texas A&M University, USA
4:20 PM	Recent Advances in Silage Equipment: Kevin Shinnery, University of Wisconsin-Madison, USA
4:50 PM	Q&A   Discussion
5:00 PM - 6:00 PM	Formal Poster Viewing – Session 1 (EVEN numbered posters)
6:00 PM	Networking Social
7:00 PM - 8:30 PM	Dinner Banquet & Presentation  The Silage Conference and Community – Past, Present and Future Luiz Gustavo Nussio, Department of Animal Sciences, University of São Paulo, Brazil

	Tuesday, July 22, 2025	
CONCURRENT SESSIONS - 1 & 2		
8:30 AM - 9:45 AM	SESSION 1	SESSION 2
	Silage Additives	Silage Lab Analysis
MODERATOR	Moderator TBD	Moderator TBD
8:30 AM	Opening Remarks	Opening Remarks
8:35 AM	Ensuring Uniformity of Additive Application – Dan Dohrmann, Dorhman Enterprises Inc., USA	New Insights on Silage Quality and Analysis – John Goeser, Rock River Lab, USA
9:00 AM	Reducing Corn Silage Losses and Improving Aerobic Stability Under Adverse Conditions: Farm-Scale Trial in Argentina – Fernando Clemente, Novonesis, Argentina	Estimation of Silage Component Traits in Maize Using Near-Infrared Reflectance Spectroscopy – Mythri Bikkasani, Punjab Agricultural University, India
9:15 AM	Crimping and Ensiling Pea and Faba Bean Seeds Using Different Silage Additives – Marketta Rinne, Natural Resources Institute Finland, Finland	Methane Index for Grass Silages a Standardized Tool for Benchmarkng Methane Emissions Globally – Bob Fabri, Eurofins Agro Testing, Netherlands
9:30 AM	Greenhouse Gases During Ensiling and Feed Out Phase of Corn Silages – Martine Bruinenberg, WLR, Netherlands	Misconceptions in Near-Infrared Calibration Development: Evaluating Crop-Specific vs. Mixed-Crop Calibrations – Nicole Schlau, Dairyland Laboratories, USA
9:45 AM - 10:15 AM	Refreshment Break in Sponsor Display Area	
CONCURRENT SESSIONS - 3 & 4		
10:15 AM - 11:30 AM	SESSION 3	SESSION 4
	Silage Microbiology and Metabolomics	Silage Experimental Design and Analysis
MODERATOR	Tim McAllister, Agriculture and Agrifood, Canada	Moderator TBD
10:15 AM	Opening Remarks	Opening Remarks
10:20 AM	Unraveling Silage Fermentation with Metagenomics and Metabolomics – Richard Scuderi, Lallemand, USA	Agronomic Aspects – Dann Bolinger, Pioneer, USA
10:45 AM	Metatranscriptomic Insights into Enhanced Silage Fermentation and Safety by Lactiplantibacillus Plantarum – Neha Sheoran, Lanzhou University, China	Publishing Silage Trials in the Journal of Dairy Science – Gonzalo Ferreira, Virginia Tech University, USA
11:00 AM	Microbial Dynamics and Cooperative Fermentation: Insights from Real-Time Monitoring of Silage Processes – Wanda Antonia Flegler, University of Bonn, Germany	Round table
11:15 AM	Comparison of Classical and Molecular Methods to Study the Microbiota Along the Silo Face on Farm Corn Silage – Francesco Ferrero, University of Turin, Italy	
11:30 AM - 1:00 PM	Group Lunch	
1:00 PM - 2:00 PM	Formal Poster Viewing – Session 2 (ODD numbered posters)	

	Tuesday, July 22, 2025	
CONCURRENT SESSIONS - 5 & 6		
2:00 PM - 3:15 PM	SESSION 5	SESSION 6
	Baleage and other Silages	Aerobic Stability
MODERATOR	Joao Vendramini, University of Florida, USA	Moderator TBD
2:00 PM	Opening Remarks	Opening Remarks
2:05 PM	State of the Art on Baleage Research – <i>Matthew Akins, USDA, USA</i>	Detecting Aerobic Changes in Silages and Silage-based Rations on Farms and in Laboratory Scale Silos – <i>Siriwan Martens, Saxon State Office for Environment, Agriculture and Geology, Germany</i>
2:30 PM	Feed Quality and Conservation of Foliage from Agroforestry through Ensiling – <i>Theresah Serwaa Sarfo, University of Göttingen, Germany</i>	Effect of Environmental Factors on Aerobic Stability of Whole-plant Corn Silage Inoculated with <i>Acetobacter pasteurianus</i> – <i>Hao Guan, Southwest Minzu University, China</i>
2:45 PM	Utilizing Legume-grass Mixtures for Baleage Production in the Coastal Plains Region of the U.S.: A Review of Researchs – <i>Jennifer Tucker, University of Georgia, USA</i>	A New Aeration Method to Test Aerobic Stability in Silage Trials – <i>Laura Pieper, Dr. Pieper, Technologie- und Produktentwicklung GmbH, Germany</i>
3:00PM	Effect of Maturity on Yield, Nutritive Value and Fermentability of Whole-Crop White Lupin – <i>Horst Auerbach, International Silage Consultancy, Germany</i>	Effects of the Newly Selected Strain <i>Lentilactobacillus Buchneri</i> Dsm 34586 on Fermentation and Aerobic Stability Across Different Forage – <i>Jonas Jatkauskas, Lithuanian University of Health Science, Lithuania</i>
3:15 PM - 3:45 PM	Refreshment Break in Sponsor Display Area	
CONCURRENT SESSIONS - 7 & 8		
3:45 PM - 5:00 PM	SESSION 7	SESSION 8
	Silage Feeding and Utilization	Tropical Silages
MODERATOR	Bill Mahanna, Corteva Agrisciences-Pioneer, USA	Moderator TBD
3:45 PM	Opening Remarks	Opening Remarks
3:50 PM	Optimizing Preference, Intake and Performance of Silage Fed Ruminants – <i>Heather Dann, Miner Institute, USA</i>	Optimizing Silage Production in Tropical Climates – <i>Joao Daniel, University of Maringa, Brazil</i>
4:15 PM	Is Wilted Grass Silage a Good Option for Commercial Feedlots? – <i>Thiago Bernardes, University of Lavras, Brazil</i>	Productive Performance of Feedlot Sheep Fed Cassava Peel Silage with or Without Palm Kernel Cake – <i>Thiago Da Silva, Universidade Federal Rural da Amazônia, Brazil</i>
4:30 PM	Effects of Gaba-Enriched Alfalfa Silage on Dairy Goat Performance and Mammary Inflammatory Gene Expression – <i>Samaila Usman, Lanzhou University, China</i>	Protein Fractions of Megathysus-Unsalable Orange Silage – <i>Peter Dele, Federal University of Agriculture, Nigeria</i>
4:45 PM	Lactic Acid Bacteria as a Silage Inoculant or Direct-Fed Microbial and Effects on Rumen Metabolism – <i>Kate Le Cocq, Harper Adams University, United Kingdom</i>	Forage Mixture and Ensiling Period Effect on the Chemical Composition of Unsalable Amaranth-Megathysus Silage– <i>Foluke Enwete, Federal University of Agriculture, Nigeria</i>
5:00 PM - 6:00 PM	Formal Poster Viewing – Session 2 (EVEN numbered posters)	
6:00 PM - 8:00 PM	Networking Social	

Wednesday, July 23, 2025		
CONCURRENT SESSIONS - 9 & 10		
8:30 AM - 9:45 AM	SESSION 9	SESSION 10
	<b>Alternative Silages for Improving Animal Productivity and Livelihood</b>	<b>Forage Preharvest Management</b>
<b>MODERATOR</b>	<b>Douglas Nkosi</b> , <i>Agricultural Research Council, South Africa</i>	<b>Nelson Lobos</b> , <i>Corteva Agriscience, USA</i>
8:30 AM	<b>Opening Remarks</b>	<b>Opening Remarks</b>
8:35 AM	<b>Leveraging on Ecological Restoration to Establish a Robust Silage Industry in Dingxi, China: A Poverty Alleviation Model for Developing Regions – Xusheng Guo</b> , <i>Lanzhou University, China</i>	<b>Preharvest Management Considerations to Optimize Silage Quality – Phil Cardoso</b> , <i>University of Illinois, USA</i>
9:00 AM	<b>Utilizing Indigenous LAB Inoculants for Ensiling Rice Straw with Agro-Industrial Byproducts and Evaluation of its Characteristics – Rashika Srivastava</b> , <i>ICAR-National Dairy Research Institute, India</i>	<b>Effect of Corn Silage Hybrid Characteristics and Fermentation on Key Forage Quality Metrics – Joe Lawrence</b> , <i>Cornell University, USA</i>
9:15 AM	<b>Converting Feed Waste to Wealth: Making and Feeding of Cabbage Waste Silage – Tolulope Osasanya</b> , <i>University of Ibadan, Nigeria</i>	<b>Effect of Cutting Height on Nutritive Value, Dry Matter Yield, and Fermentation Profile of Whole-Plant Corn Forage and Silage: A Meta-Analysis– Cole Diepersloot</b> , <i>University of Wisconsin-Madison, USA</i>
9:30 AM	<b>Cactus (Opuntia spp.) Potential as Fodder, Pellets, or Silage – Jose Dubeux</b> , <i>University of Florida, USA</i>	<b>Insights from Corn and Sorghum Variety Trials – 15 Years of Data – Marcelo Wallau</b> , <i>University of Florida, USA</i>
9:45 AM - 10:15 AM	Refreshment Break in Sponsor Display Area	
Wednesday, July 23, 2025		
CONCURRENT SESSIONS - 11 & 12		
10:15 AM - 11:30 AM	SESSION 11	SESSION 12
	<b>Silage Mycotoxins and Contaminants</b>	<b>Novel Technologies for Silage</b>
<b>MODERATOR</b>	<b>Kristin Weiss</b> , <i>Humboldt University, Germany</i>	<b>Moderator TBD</b>
10:15 AM	<b>Opening Remarks</b>	<b>Opening Remarks</b>
10:20 AM	<b>Control of Regulated and Emerging Silage Mycotoxins – Antonio Gallo</b> , <i>Universita Cattolica del Sacro Cuore, Italy</i>	<b>Milk 2024: Predicting Milk Yield from Forage – Luiz Ferraretto</b> , <i>University of Wisconsin-Madison, USA</i>
10:45 AM	<b>Evaluation of Mycotoxins in the Corn Silage Fed to Dairy Cows in Southeast of Brazil – Carlos Corassin</b> , <i>University of São Paulo, Brazil</i>	<b>Comparison of Techniques to Assess Grain Processing in Whole-Plant Corn – Gustavo Gonçalves de Souza Salvati</b> , <i>Tracking Feed, Brazil</i>
11:00 AM	<b>Mycotoxdegradome: A Comprehensive Database for Exploring Fungal Mycotoxin-Degrading Enzymes and Their Applications – Gang Xu</b> , <i>China Agricultural University, China</i>	<b>Investigation on Trypsin Inhibitor Activity Reduction During Ensiling of Freshly Harvested Soybeans with High-Moisture Corn – Mariana Schneider</b> , <i>Bavarian State Research Center for Agriculture, Germany</i>
11:15 AM	<b>Integrated Management of Vomitoxin in Corn Silage Fields and the Fate of Vomitoxin During Ensiling – Maxwell Chibuogwu</b> , <i>University of Wisconsin-Madison, USA</i>	<b>Adapting the CSM-CERES-Maize Model for Ability to Simulate Maize Silage Production and Quality – Kenneth Boote</b> , <i>University of Florida, USA</i>
11:30 AM - 1:00 PM	Group Lunch	
1:00 PM - 2:00 PM	Formal Poster Viewing – Session 3 (ODD numbered posters)	

Wednesday, July 23, 2025	
	PLENARY SESSION 5
2:00 PM - 3:15 PM	Sustainable Silage Production
	Chaired by Diamond Sponsor: Bon Silage bonsilage
	MODERATOR: Jose Dubeux, University of Florida, USA
2:00 PM	Introductions
2:05 PM	The Role of Silage in Sustainable Livestock Systems – Frank Mitloehner, University of California, Davis, USA
2:40 PM	Silage Volatile Organic Compounds - Effects on the Environment and Animal Performance – Karl-Heinz Südekum, University of Bonn, Germany
3:15 PM - 3:45 PM	Refreshment Break in Sponsor Display Area
	PLENARY SESSION 6
3:45 PM - 5:00 PM	Challenges and Opportunities for the Silage Industry
	MODERATOR: Renato Schmidt, Lallemand Animal Nutrition, USA
3:50 PM	Silage Producer and Feeding Panel Horst Auerbach – International Silage Consultancy, Germany Kyle Beauchamp – KB Custom Ag Services, LLC, USA Michelle Chang Der-Bedrosian – Animix, USA
4:20 PM	Launch of International Silage Society - Marketta Rinne, Natural Resources Institute Finland, Finland
4:50 PM	Final Remarks - Richard Muck, University of Wisconsin-Madison, USA
5:00 PM	Conference Concludes
Thursday, July 24, 2025	
	Optional Off Property Field Trip