



# 2016 NE Ag Tech Association Conference

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Held at Nebraska Innovation Campus, 2021 Transformation Drive, Lincoln 68508

## Wednesday - February 3

11:00 PM	Conference Check-In ( <i>First Floor</i> )
1:00 PM	Opening Remarks - Steven Krause, NeATA President ( <i>Auditorium</i> )
1:10 PM	Basics of Precision Ag Symposium ( <i>Auditorium</i> ) <ul style="list-style-type: none"> <li>Site-Specific Management Opportunities - Joe Luck, UNL Extension Precision Agriculture Engineer</li> <li>From Uniform to Variable Rate Irrigations - Amir Haghverdi, UNL Extension Irrigation Water Management Specialist</li> </ul>
3:00 PM	Break - Exhibits Open ( <i>First Floor</i> )
3:30 PM	Nitrogen Management Systems Symposium ( <i>Auditorium</i> ) <ul style="list-style-type: none"> <li>Using Weather and Science to Manage Nitrogen in Corn Production - Cody Boeck, Commercial Services Unit Lead for Encirca</li> <li>Climate FV Nitrogen Advisor - Model to Assist in Overall Nitrogen Management - Larry Schroeder, Climate Business Mgr. for Climate FV</li> <li>Adapt-N Setting the Standard - Matt Sweeney, Director of Customer Success for Adapt-N</li> </ul>
5:30 PM	Break - Exhibits Open ( <i>First Floor</i> )
6:00 PM	Dinner - Nebraska Department of Agriculture Laboratory Inspection Program ( <i>Banquet Hall</i> )
7:00 – 9:00 PM	Tours and Demonstrations <ul style="list-style-type: none"> <li>UNL Maker Space Tour - Shane Farritor, UNL Professor (<i>Banquet Hall</i>)</li> <li>UNL Field Robotics Demonstration - Santosh Pitla, UNL Assistant Professor (<i>First Floor</i>)</li> </ul>

## Thursday - February 4

7:00 AM	Registration - Exhibits Open ( <i>First Floor</i> )			
8:00 AM	What's the Big (Legal) Deal with Big Data? - Dr. Shannon Ferrell, Oklahoma State University Professor ( <i>Auditorium</i> )			
Break-out	<b>Variable-Rate Technology (Room A1-A2)</b>	<b>Sensor &amp; UAV Technology (Room A3)</b>	<b>Data Management (Room B1-B2)</b>	<b>Soil Management (Room B3)</b>
9:00 AM	<p>Why VRI?</p> <p>Kylen Hunt, PDS Manager of CropMetrics</p> <ul style="list-style-type: none"> <li>VRI - The Great Misunderstanding</li> <li>The Real Value of VRI</li> <li>Defining Success with VRI</li> </ul>	<p>Practical Applications for Aerial Imagery</p> <p>Brian Sutton, President of AirScout</p> <ul style="list-style-type: none"> <li>What is thermal imagery?</li> <li>Tool for a crop scout, NOT a replacement.</li> <li>How to put Aerial Imagery to work!</li> </ul>	<p>Feel More Connected to Your Farm</p> <p>Heath Gerlock, Director of Marketing at FarmMobile</p> <ul style="list-style-type: none"> <li>Farm data is complex</li> <li>Making farm data simple</li> <li>Features and cost</li> </ul>	<p>Your Soil Map is the Foundation For Your Precision Practices. Make it a Solid One.</p> <p>Eric Lund, President of Veris Technologies</p> <ul style="list-style-type: none"> <li>Soils: Its variability can generate or rob profits</li> <li>Sensors: the only feasible way to precisely map soil</li> <li>Solutions: simple, actionable, soil-based apps</li> </ul>
9:50 AM	Break - View Exhibits ( <i>First Floor</i> ) and Student Posters ( <i>Banquet Hall</i> )			

<b>Break-out</b>	<b>Variable-Rate Technology (Room A1-A2)</b>	<b>Sensor &amp; UAV Technology (Room A3)</b>	<b>Data Management (Room B1-B2)</b>	<b>Soil Management (Room B3)</b>
<b>10:15 AM</b>	<b>Cellular RTK</b> <b>Scott Henney, Digifarm VBN Territory Sales Rep</b> <ul style="list-style-type: none"> <li>How Cellular RTK differs from Radio RTK</li> <li>Different Types of Cellular RTK</li> <li>The DigiFarm Network</li> </ul>	<b>UNL Precision Ag Update</b> <b>Joe Luck, UNL Extension Precision Ag Engineer</b> <ul style="list-style-type: none"> <li>Project <b>SENSE</b> - Sensors for Efficient Nitrogen Use and Stewardship of the Environment</li> <li>Using canopy sensors for on-the-go variable rate nitrogen applications in Nebraska</li> </ul>	<b>Using Satellite Imagery to Improve Corn Production</b> <b>Tracy Blackmer, Senior Agronomist for FarmLogs</b> <ul style="list-style-type: none"> <li>Respond to problems before harvest.</li> <li>Valuable data layer to refine management zones</li> <li>Improves variable N and seeding rates prescriptions</li> </ul>	<b>Soil Health Testing</b> <b>Tim Mundorf, Midwest Labs Field Representative</b> <ul style="list-style-type: none"> <li>What is soil health testing</li> <li>Interpreting the test results</li> <li>Making agronomic decisions</li> <li>Potential problems with soil health testing sampling &amp; testing</li> </ul>
<b>11:05 AM</b>	<b>Panel on Variable-Rate Irrigation</b> <ul style="list-style-type: none"> <li><b>Chris VanKirk - Producer</b></li> <li><b>Angela Knuth - Producer</b></li> <li><b>Brittany Bolte - Consultant</b></li> <li><b>Lon Bohn - Producer</b></li> <li><b>Mike Lutz - Producer</b></li> </ul>	<b>Unmanned Aircraft Flight Performance: Measures that Translate to Dollars</b> <b>Wayne Woldt, UNL Ext. Specialist</b> <ul style="list-style-type: none"> <li>Update on unmanned aircraft rules and regulations</li> <li>Definition of selected unmanned aircraft flight characteristics</li> <li>Performance measures of selected flight characteristics</li> </ul>	<b>Democratizing Farm Data for the Benefit of the Farmer</b> <b>Dennis Hoppe, Farmers Business Network - Nebraska</b> <ul style="list-style-type: none"> <li>Crowd-sourcing &amp; aggregating data</li> <li>Maximize value of your precision info</li> <li>Philosophy of Money Ball Farming</li> </ul>	<b>Carbonomics - The Amazing Economy of the Soil</b> <b>Keith Berns, President of Green Cover Crop Seed</b> <ul style="list-style-type: none"> <li>Plants, Soil and Biology form an amazing economy</li> <li>Carbon is the economy the drives the system</li> <li>Farm in a way to maximize this economy</li> </ul>
<b>12:00 PM</b>	<b>Lunch (Banquet Hall)</b>			
<b>12:45 PM</b>	<b>Ag Advancement in Nebraska - Mike Foley, Lt Governor of Nebraska (Auditorium)</b>			
<b>1:00 PM</b>	<b>NeATA Business Meeting - Steven Krause, NeATA President (Auditorium)</b>			
<b>1:30 PM</b>	<b>Innovation Campus Overview - Dan Duncan, Executive Director of Nebraska Innovation Campus (Auditorium)</b>			
<b>2:05 PM</b>	<b>Break - View Exhibits (First Floor) and Student Posters (Banquet Hall)</b>			
<b>2:30 PM</b>	<b>Panel on Variable-Seeding Technology</b> <ul style="list-style-type: none"> <li><b>John Shanahan - Seed Industry</b></li> <li><b>Norm Mieth - Consultant</b></li> <li><b>Dave Nielsen - Producer</b></li> <li><b>Chris VanKirk - Producer</b></li> </ul>	<b>Quantified Ag</b> <b>Vishal Singh, CEO of Quantified Ag</b> <ul style="list-style-type: none"> <li></li> </ul>	<b>Data Management with FarmLink</b> <b>Phil Draude, FarmLink</b> <ul style="list-style-type: none"> <li></li> </ul>	<b>Sensors Based Soil Health Assessment</b> <b>Kristen Veum, USDA-ARS Research Soil Scientist</b> <ul style="list-style-type: none"> <li>In-field sensors have potential for rapid, high-resolution soil health information</li> <li>Sensor fusion may overcome limitations of NIR spectra</li> </ul>
<b>3:30 PM</b>	<b>Agriculture 4.0: The Fourth Revolution in Agriculture - Dr. Scott Shearer, Professor and Chair of Food, Agricultural, and Biological Engineering, The Ohio State University (Auditorium)</b>			
<b>4:20 PM</b>	<b>Conference Wrap-up (Auditorium)</b>			

**Conference Wi-Fi: Feb2016**

**Password: Innovate2016!**