

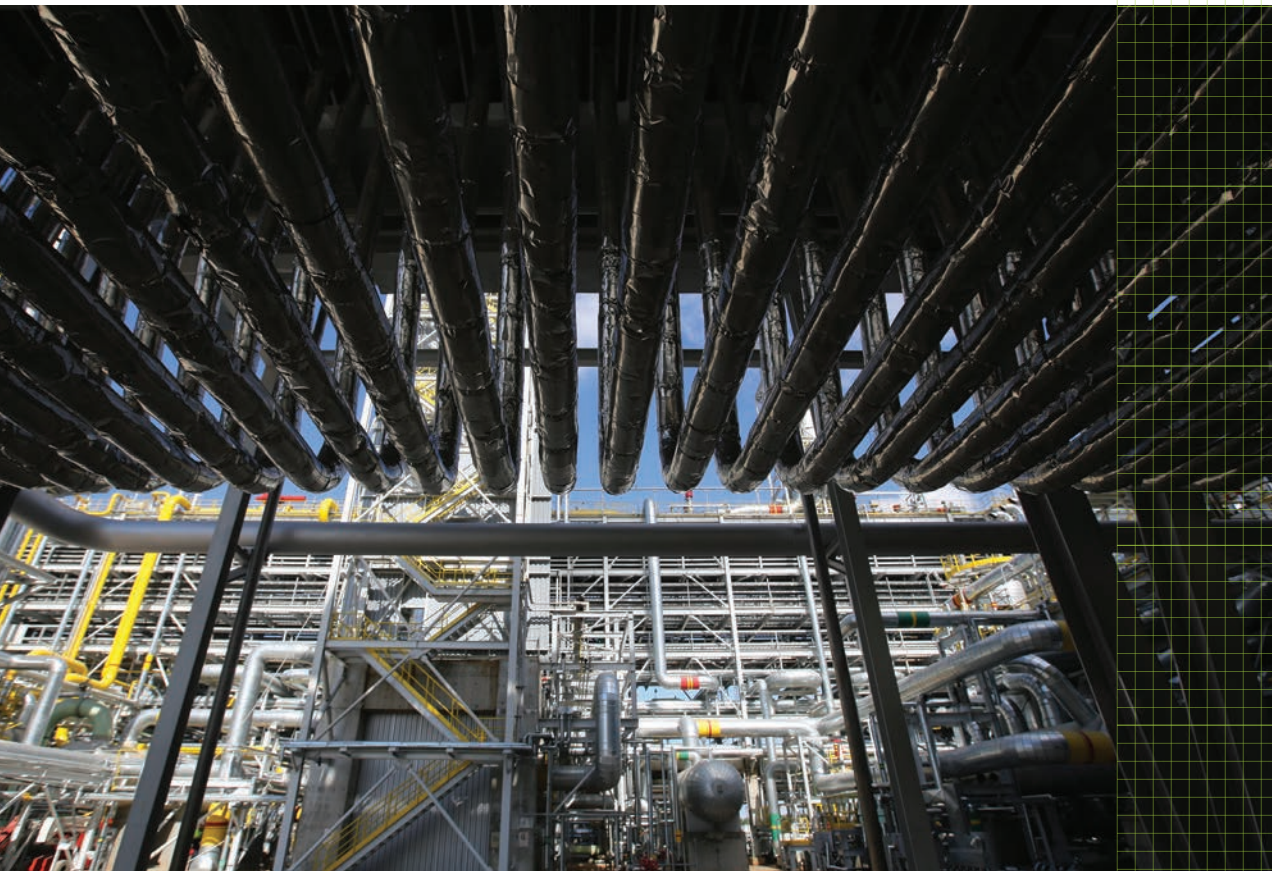
Green Markets A Bloomberg Company

Nitrogen North America 2019

May 30, 2019

Luxor, Las Vegas

8:00 am – 5:15 pm



Welcome

Green Markets A **Bloomberg** Company

Nitrogen North America 2019

Thank you for joining the fourth annual Nitrogen North America.

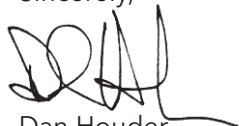
Our goal is to provide you with valuable market perspective that's unavailable anywhere else.

The conference faculty provides you access to a variety of expertise. Each will share their respective knowledge from a particular area of importance in nitrogen markets. I thank them as well for making time in their busy schedules.

Please let any of your hosts from Green Markets know how we can make your Nitrogen North America experience more valuable. Speaking of which, I hope you'll find an opportunity to meet Green Markets' newest colleague in attendance today, Research Director, Alexis Maxwell.

Enjoy Nitrogen North America 2019!

Sincerely,

A handwritten signature in black ink, appearing to read 'Dan Houder', with a stylized, flowing script.

Dan Houder
Managing Director
Green Markets

- 8:00 am Networking Breakfast**
- 9:05 am North American Nitrogen Outlook to 2030**
Alexis Maxwell, Research Director, Green Markets
- 9:50 am North American Nitrogen Trade Flows with a Focus on UAN**
Ivan Boasher, Industry Consultant
- 10:35 am Morning Networking Break**
- 11:05 am Nitrogen Fixing Cereals: A New Way for Fertilization**
Dr. Karsten Temme, Co-founder and Chief Executive Officer, Pivot Bio
- 11:50 am A National Nitrogen Reduction Scheme**
David Kanter, Assistant Professor of Environmental Studies, NYU
- 12:35 pm Networking Luncheon**
- 2:00 pm U.S. Ammonia Pipeline Overview**
Alexis Maxwell, Research Director, Green Markets
- 2:30 pm Ammonia Transport in the Wake of the Magellan Shutdown**
Todd Tranausky, Vice President, Rail and Intermodal, FTR Advisory
- 3:15 pm Afternoon Networking Break**
- 3:45 pm Farm Economics of Ammonia**
Dr. Gary Schnitkey, Professor, University of Illinois
- 4:30 pm Financial Market Signals for Nitrogen Producers Amid Cheap Crops, Volatile Trade and Teetering GDP**
Jason Miner, Senior Analyst, Global Chemicals, Bloomberg Intelligence
- 5:15 pm Networking Cocktail Reception**

Download the Nitrogen North America event application at www.XXXXXXX.com for full presentations, speaker bios, surveying and networking capabilities.

Faculty



Alexis Maxwell Research Director Green Markets

Alexis Maxwell is Research Director with Green Markets and is originally from Illinois.

Prior to joining Green Markets, Alexis held positions in market research and sales at fertilizer producers SABIC and CF Industries. She also launched a satellite imagery startup focused on agriculture production at Lanworth (now Thomson Reuters).

Alexis received a MS/MBA in Agribusiness Management from Purdue University's School of Agricultural Economics and Indiana University's Kelly School of Business and a BA from The College of William and Mary.



Ivan Boasher Industry Consultant

Ivan Boasher has 29 years of experience in international and domestic fertilizer trading. He founded EuroChem Trading USA Corporation in Tampa, Florida and for the last 13 years was in the top management of the company. Ivan's previous employments include 10 years with ConAgra and 6 years with ICEC.

In his trading activities Ivan was mainly focusing on nitrogen fertilizers, especially UAN. He acquired rich experience in dry product barge trading during the years, as well.

At the beginning of his trading career Ivan underwent an internship with Drexel Burnham Lambert at the Chicago Board of Trade which resulted in his article "Analysis and Prognostication of Prices in Commodity Trading" published in the Bulgarian magazine "Economic thought", in August 1990.



Dr. Karsten Temme
Co-founder and Chief Executive Officer
Pivot Bio

Karsten Temme is a passionate advocate for pragmatic and effective solutions driven by biology.

As the co-founder and Chief Executive Officer of Pivot Bio, he is commercializing the world's first replacement for synthetic fertilizer, a nitrogen-fixing microbe made for modern agriculture.

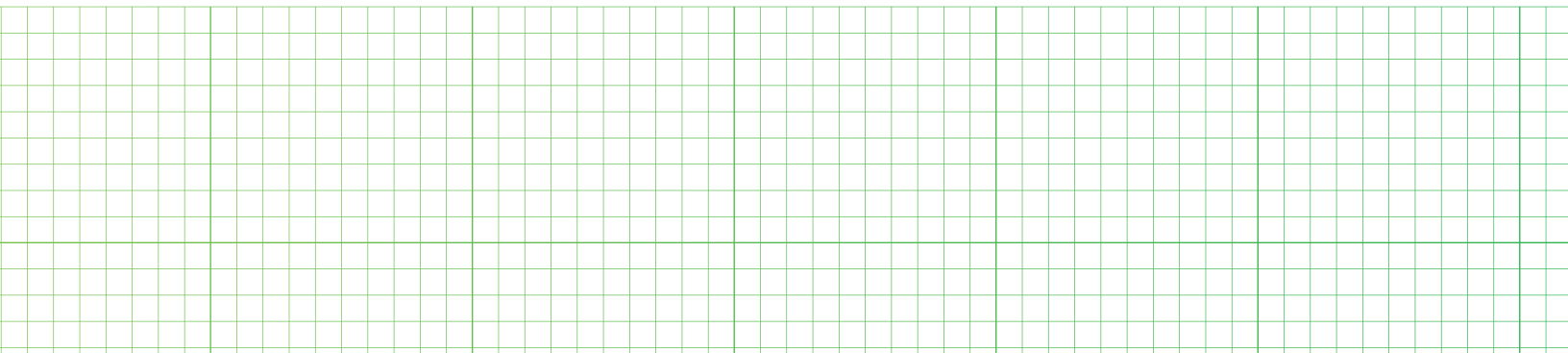
Driven by a vision of a more sustainable food system, Dr. Temme co-founded Pivot Bio in 2011 and is now rapidly scaling this technology, making it available to U.S. farmers, while growing the company to include a diverse team of more than 70 highly dedicated, creative and driven innovators.



David Kanter
Assistant Professor of Environmental Studies
NYU

David Kanter is an Assistant Professor of Environmental Studies at NYU. His research examines new policy options for addressing nitrogen pollution and how to manage the transition to sustainable agriculture.

Prior to his current position, David was a Postdoctoral Research Fellow at The Earth Institute at Columbia University. He received his BSc in Chemistry and Law from the University of Bristol in the UK and his MA and PhD in Science, Technology and Environmental Policy from Princeton University.



Faculty



Todd Tranausky Vice President, Rail and Intermodal FTR Advisory

Todd Tranausky is FTR's Vice President of Rail & Intermodal. He previously was Argus' North American transportation editor, responsible for overseeing the quality of Argus' existing transportation reports and leading the company's new product development in this area. Before he was promoted in January 2015, he was responsible for editing the weekly Argus Coal Transportation newsletter along with overseeing the Argus Rail Business publication that focuses on rail and shipper dynamics, critical rate data, rail costs, and regulatory and operational issues in the rail industry. Todd also assessed rail and barge rates for the movement of petroleum products for the Argus Petroleum Transportation Report.

A Philadelphia native and diehard Philadelphia sports fan, he graduated Temple University with dual degrees in history and journalism, Todd has also worked as a sports reporter covering double-A baseball in New Jersey before joining Argus.



Dr. Gary Schnitkey Professor University of Illinois

Dr. Gary Schnitkey is a professor and farm management specialist in the Department of Agricultural and Consumer Economics, University of Illinois. His activities focus on farm management and risk management. Farm management work has focused on examination of issues impacting the profitability of grain farms including corn-soybean rotations, machinery economics, and factors separating profitable from unprofitable farms. Examples of work are available in the publication Illinois Farm Economics: Facts and Opinions available on farmdoc (<http://www.farmdoc.illinois.edu/manage/index.html>). This work has lead to the development of FAST, a series of Microsoft Excel spreadsheets that aid farmers in decision-making (<http://www.farmdoc.illinois.edu/fasttools/index.html>).

Risk management activities focus on crop insurance evaluation. Activities have focused on aiding farmers in understanding the risk and return tradeoffs of different crop insurance policies. Dr. Schnitkey is a co-developer of several on-line and spreadsheet tools. Three of these are the 1) Ifarm Premium Calculator – a web-based tool that provides side by side comparisons of insurance premium, 2) Ifarm Insurance Evaluator – a web-based tool that provides risk-return evaluations of insurance products, and 3) Marketing and Crop Insurance Risk Model – a spreadsheet that evaluates alternative crop insurance and marketing strategies .



Jason Miner
Senior Analyst, Global Chemicals
Bloomberg Intelligence

Jason Miner is a Senior Analyst for Bloomberg Intelligence, a unique research platform that provides context on industries, companies, and government policy, available on the Bloomberg Professional Service at BI. Mr. Miner specializes in global chemicals, including basic and diversified (e.g. BASF, Dow Chemical, Formosa), specialty (DuPont, AkzoNobel, Nitto Denko) and agricultural (Monsanto, Yara, Syngenta) chemicals producers.

Prior to joining Bloomberg, Mr. Miner was an equity analyst at Deutsche Bank, where he covered producers of basic, specialty and agricultural chemicals publicly listed in North America. He has also worked for New York Consulting Partners and Archstone Consulting (now Hackett group), leading procurement, inventory planning, and manufacturing redesign projects. Mr. Miner began his career as an industrial engineer serving middle-market private equity portfolio companies.

Mr. Miner earned his bachelor's of science degree in mechanical engineering from Rose-Hulman Institute of Technology in Indiana, and from the University of Manchester in the U.K. He later earned his master's degree in business administration from Columbia University. In 2009, Institutional Investor awarded Mr. Miner Honorable Mention in U.S. chemicals and in 2010 the Financial Times/Starmine ranked Mr. Miner the No. 2 stock picker in U.S. chemicals. Mr. Miner also is a Chartered Financial Analyst charter holder.

Green Markets® A Bloomberg Company

Green Markets has been the most trusted, widely read resource for fertilizer business news, analysis and market activities for 40 years.

Along with a weekly market report, Green Markets provides confidential Advisory Services, proprietary market research and custom data feeds.

Learn more about Green Markets at **FertilizerPricing.com**

Green Markets' parent company, Bloomberg, is a global information and technology company, connecting decision makers to a dynamic network of data, people and ideas – accurately delivering business and financial information, news and insights to customers around the world.

Green Markets A Bloomberg Company

Sulphur Products Summit 2019

October 1-2, 2019

Atlanta

Join us in Atlanta this October for the **Sulphur Product Summit: Insight on Ag and Industry**. It's the only event that dives deep into a variety of sulphur products to give you market and business insight you can put to use right away.

For questions about this conference please contact Customer Service at 800.531.0140 (1.603.357.8103) or email GMsupport@bloomberg.net.



Green Markets A Bloomberg Company

Specialty Fertilizer Global Summit 2019

December 12, 2019

New Orleans

Coming this December, the Green Markets **Specialty Fertilizer Global Summit**.

Return with us to New Orleans where you'll join leadership from across the fertilizer value chain for the latest thinking on specialty and value-added fertilizers.

For questions about this conference please contact Customer Service at 800.531.0140 (1.603.357.8103) or email GMsupport@bloomberg.net.

