



Inputs

2015 CPM SHORT COURSE AND MCPR TRADE SHOW

DECEMBER 8 - 10, 2015 • Minneapolis Convention Center and Minneapolis Hilton Hotel

Tools for Economically and Environmentally Sustainable Crop Production

The financial success of Minnesota farms has been challenged over the past 18 months with the sharp decline in commodity prices. The short- and long- term crop enterprise budgets have, if not red ink, very thin margins. Concurrently, biological and societal pressures demanding changes in farming practices are mounting rapidly. This year's Crop Pest Management Short Course agenda is designed to assist you, as agricultural professionals, in addressing these challenging times. We will provide you with the research and the supporting tools to help you assist crop producers in achieving economic and environmental sustainability.

(continued on page 2)

Executive Director's Report

Hello MCPR members,

Having just finished watching CNN's Presidential debates, I am compelled to reflect on the Washington D.C. and St. Paul current Executive Branch anti ag/anti-business rules and regulations being promulgated. Most MCPR members and our customers are "fed up" with the lack of common sense. For example:

- After the EPA launched a massive Waters of the States (WOTUS) rule revision which MCPR and most ag groups deeply criticized and opposed as an invasion of property owner rights and states' rights and being outside EPA's Congressional authority, some states have finally been granted some relief...but not Minnesota. After two other federal courts denied similar requests, the US District Court of North Dakota has issued an emergency injunction, preventing the EPA Waters of the United States rule from taking effect. The ruling by Judge Ralph Erickson criticized EPA and the Army Corps of Engineers, saying they violated their authority when they promulgated the rule. Meanwhile, the Obama Administration is moving forward with implementation, with the exception of the 13 states that won the injunction. That means North Dakota and South Dakota are not subject to the rule, but it is in place in Minnesota. Why doesn't Minnesota Attorney General Lori Swanson join other states in defense of Minnesota agriculture?
- Due to a recent change in regulatory interpretation by the Occupational Safety and Health Administration (OSHA), agricultural retailers that handle anhydrous ammonia or other highly hazardous chemicals (HHC) in excess of threshold quantities are subject to Process Safety Management (PSM) rules. This change also means that agricultural retailers who were previously complying with the Environmental Protection Agency (EPA) Risk Management Plan

(continued on page 2)



Inside this Issue

Executive Director's Report	1&2
2015 CPM Short Course and MCPR Trade Show Information	2&3
Reguletter	Insert
Sallstrom Scholarship Info	Insert
Craig's View	4

Executive Director's Report (continued from page 1)

(RMP) Program Level 2 (RMP 2) will now have to comply with RMP Program Level 3 (RMP 3). Because most agricultural retailers are registered in NAICS Codes starting with 42, they would have to comply with both the PSM and RMP 3 requirements if they hold over 10,000lbs of anhydrous ammonia, or 15,000lbs of aqua ammonia (concentration greater than 40% ammonia), or any other HHC in threshold quantities. Absolutely breath-taking in scope and absurdity. Will dual tank nurse tanks trigger a PSM?

- Congressional leaders are attempting to address the anti-GMO crowd's influence in Washington DC by legislation. But what if we can't get our bill passed... what is the impact on agriculture and the world's poorest?
- Minnesota's new buffer legislation and the Minnesota Department of Ag's rewritten rules as part of the new Nitrogen Management Plan will impact thousands of acres and every MCPR member. What are the implications for MCPR members?

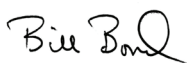
What to do about this?

I strongly suggest that once our fall work is completed that you send your brightest and best, or, heck- send everyone, to the Crop Pest Management and MCPR Trade Show December 8-10, 2015 at the Mpls Convention Center and Mpls Hilton Hotel. You will learn from experts such as Daren Coppock, Ag Retailers Association CEO, who will wade into the Washington mess and more. Or learn from Robert Saik the answer to the question, "Will Agriculture Be Allowed to Feed 9 Billion People?" What about your fertilizer strategy? Hear from Glen Buckley about the "Changing Fundamentals in the Fertilizer Markets and Implications for FY 2016 and Beyond". And that's just Tuesday's program.

Once a year the Crop Input Industry gathers in Mpls to celebrate another year, learn what the coming months challenges will be, and gain insight into how to address the complicated policy and agronomy problems coming our way. You don't have to face these challenges alone. Join the increasing number of MCPR members who attend this meeting to get answers. Find out why the attendance is increasing every year and is setting records for attendance. Don't be left out! Chances are your competitors will be there.

See you in Mpls December 8-10!

Until next time,



Bill Bond

2015 CPM Short Course and MCPR Trade Show Information

MCPR Plenary Sessions – Tuesday, December 8th, 1pm – 3pm

- What Will Washington Dream Up Next? Learn about OSHA's withdrawal of the retailer exemption from Process Safety Management (PSM) and what it means to every ag retailer, evaluate our industries' water issues including the Des Moines Water Works case, nutrient management, and EPA's WOTUS rule; ponder what you will be facing in new chemical site security initiatives, find out about EPA changes to pesticide regulations (worker protection, restricted use licenses, etc.), and other federal issues. Attendees will also receive an update on ResponsibleAg and speculation on the Presidential race. Speaker: Darren Coppock, CEO of the Agricultural Retailers Association.
- Will Agriculture Be Allowed to Feed 9 Billion People? The Keynote Address on is entitled "Know GMO". The speaker is receiving rave reviews from agriculture all over North America as he reviews the shocking facts about agriculture's mighty battle with the opponents of GMO's in our food. Don't miss this electrifying presentation. Speaker: Robert Saik, CEO of The Agri-Trend® Group of Companies, Professional Agrologist and a Certified Agricultural Consultant. Changing
- Fundamentals in the Fertilizer Markets and Implications for FY 2016 and Beyond This session will focus on the key drivers in the fertilizer markets including capacity expansions, industry consolidations and changing trade patterns and how they are changing the landscape in the fertilizer industry. The presentation will also cover the market outlook for the upcoming fertilizer year and likely price scenarios for both the fall and spring season. Speaker: Glen Buckley is Chief Economist/Partner of the NPK Fertilizer Advisory Service. Glen is a sought after expert who retired from CF Industries where he served as the Chief Economist and Director of Agribusiness Analysis for almost 30 years.

CPM Short Course – General Session – Wednesday, December 9th, 8am – 11am

Bob Craven, the Director of the Center for Farm Financial Management at the University of Minnesota, will discuss the income trends and production costs that the Minnesota farmer is currently facing. Bob Craven's areas of specialty include business management, credit analysis and grain marketing. His

(continued on page 3)

2015 CPM Short Course and MCPR Trade Show Information (continued from page 2)

work for the Center has focused on development of FINPACK a nationally recognized agricultural credit analysis software ([http:// finpack.umn.edu](http://finpack.umn.edu)). He is also on the development team for the Winning the Game grain marketing education programs. He has been an invited speaker at numerous conferences and seminars including the National ABA Ag Bankers Conference and the USDA Ag Outlook Forum. He has also taught over 400 workshops on farm management and marketing.

As the state is rapidly moving towards a statewide implementation of buffer strips, Dr. Andrew Sharpley, Professor of Soils and Water Quality at the University of Arkansas, will discuss whether buffer strips are a solution to Minnesota water quality problems. Dr. Sharpley's research investigates the cycling of phosphorus in soil-plant-water systems in relation to agricultural production systems and water quality and includes the management of animal manures, fertilizers and crop residues. Most recently he developed decision-making tools for agricultural field staff to identify sensitive areas of the landscape and to target management alternatives and remedial measures that have reduced the risk of nutrient loss from farms. These tools are now widely accepted by US EPA, NRCS, and the Comprehensive Nutrient Management Planning Strategy.

Our final morning speaker is Dr. Jeff Gore, Associate Professor of Entomology, Delta Research and Extension Center, Mississippi State University, who will share some of the lessons learned from the Deep South on how to manage resistance in economically important insects that are exposed to a high frequency of use/overuse of individual insecticides. His specialty area is integrated pest management of insect pests of agronomic crops in the southern United States. Dr. Gore's research areas include the cotton aphid which has a high reproductive rate and a history of developing resistance to commercial insecticides. In addition, Dr. Gore has also conducted research to evaluate the potential exposure of pollinators to neonicotinoid insecticides used as seed treatments on corn, cotton and soybean. Dr. Gore has received the Merit Award in Crop Protection, Mississippi Entomological Association and has published numerous scientific journal articles on the subjects of Integrated Pest Management.

CPM Short Course – Concurrent Sessions – Wednesday, December 9th, 1pm – 5pm and Thursday, December 10th, 8am – 2:30pm

Wednesday's and Thursday's concurrent sessions continue the strong educational program with a wealth of pest, crop and fertilizer management topics including: advances in the control of soybean aphids; micronutrient needs in corn and soybeans; understanding the nitrogen mineralization process in soils; nitrogen movement and potential loss via the tile line; high-yield corn management strategies; weather trends for the 2016 crop as effected by El Nino and climate shifts along with tools to track these weather events; the effect of applying both seed treatments and foliar insecticides on specific insect populations; updates on managing herbicide resistant weeds in corn and soybeans; corn and soybean disease updates; effective procedures for cleaning and rinsate management of large commercial application sprayers and booms; as well as, drainage water management practices relating to nutrient management practices. These sessions and more will build upon the idea that we have control of our destiny and the long-term success of our industry.

Technical Service Provider (TSP) Training – Tuesday, December 8th, 10am – 1pm

This training will present the latest information from the USDA-Natural Resources Conservation Service (USDA-NRCS) on nutrient management and integrated pest management (IPM) to Technical Service Providers (TSP) certified in these categories in Minnesota. The focus of this session will be on the most recent revisions to the Nutrient Management (590) and Integrated Pest Management (595) practice standards and other related guidance updates. There will also be an update on the TSP recertification process.

Pesticide Applicator Training – Tuesday, December 8th, 2pm – 3:30pm and Wednesday, December 9th, 8am – 5pm

These MDA-approved sessions are for applicators that need recertification credit in Categories A (Core), C (Field Crop Pest Management), and/or H (Seed Treatment).

- **Category A + C:** Attend all December 9th recertification sessions.
- **Category A + H:** Attend December 8th from 2 pm to 3:30 pm and December 9th recertification sessions from 8 am to 2:45 pm.
- **Category A + C + H:** Attend all December 8th and December 9th recertification sessions.

Do You Need to Recertify? If you last attended a recertification workshop in 2012 or were newly licensed in 2014, you need to attend an MDA approved workshop in the correct categories in 2015. If you don't attend a required recertification workshop, you must retest to be eligible to renew your license for 2016. Please contact MDA at 651- 201-6615 with recertification or license questions.

Hotel Accommodations and Registration

The Minneapolis Hilton offers a special event rate of \$109/night if you book before November 17th, 2015 or until the room block sells out – whichever comes first. You can make your Minneapolis Hilton reservation online and register for the CPM Short Course at www.mcpr-cca.org or make your hotel reservation by phone at (612) 376-1000.

Trade Show Floor Hours

- Tuesday, December 8th: 3 pm – 6:30 pm (Includes Break and Ice Breaker Reception in the exhibit hall)
- Wednesday, December 9th: 9 am – 5pm (includes Breaks and Lunch in the exhibit hall)
- Thursday, December 10th: 9 am – 11am



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Craig's View

Hello MCPR Members,

I'm glad some MCPR members were able to take advantage of the annual MCPR golf outing. We had a great time but no hole in one this year. We were able to update members on MN Department of Agriculture's nitrogen management plan and proposed rules on nitrogen application in certain areas of Minnesota, information vital to MCPR members and our customers. Participants were able to gather for lunch and dinner to discuss emerging issues, catch-up with old and new friends, and of course enjoy a day of golf and prizes/awards.

MCPR staff and the U of M are now working on planning the 2015 Short Course, titled: "Tools for Economically and Environmentally Sustainable Crop Production" which will be held December 8-10 at the Minneapolis Convention Center and Minneapolis Hilton Hotel. Registration is up and running and we're working hard to make this year the best short course so far. Please pay close attention to the contents of the newsletter as it contains programming information for what attendees can expect in educational programming. Plan to join us.

See you in December,

MCPR Board Chair,
Craig Maurer