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SSUI NEWS

Swine Services Unlimited Inc. Quarterly Newsletter

Greetings!

This is a Swine Services Unlimited Inc. Quarterly Newsletter being generated to help inform our swine producers on what is occurring in the swine industry. This letter will focus on reviewing the information presented at SSUI's annual producer meeting held on February 24th, 2016.

Meeting Summary

This year we had a great turn out of swine producers and other professional within the swine industry. We had a great panel of speakers that covered a wide variety of current challenges occurring the swine industry. A special thanks to all who attended and to Pharmgate Animal Health for sponsoring the meal!

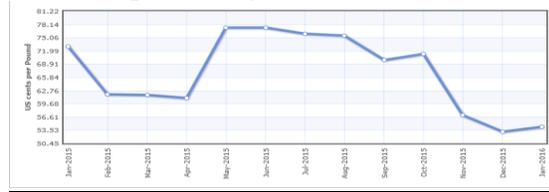


Speaker Topics and Summaries

- 1) **Dr. Ron Kaptur-Pharmgate Animal Health – “Aivlosin^R – A New FDA Approved Antibiotic for Swine Water and Feed Medication”**
 - Dr. Kaptur discussed Aivlosin water soluble granules labeled for control of porcine proliferative enteropathy (PPE) associated with *Lawsonia intracellularis*. Aivlosin is a 2nd generation macrolide antibiotic that is absorbed rapidly within 5 minutes and reaches peak therapeutic levels by 2 hours. Aivlosin has a 0 day meat withdrawal in the U.S. and a 3 day export meat withdrawal. This makes it a very safe antibiotic to use at any stage of production. Outside of the U.S., Aivlosin is approved for *Mycoplasma hyopneumoniae* in the water and in the feed. Research has shown a good penetration into the joints of pigs potentially making an effective means to help control and treat Mycoplasma associated lameness. Currently Aivlosin is available in the U.S. as water soluble granules, but Pharmgate is seeking approval in the feed also.

- 2) **Dr. Adam Mueller – SSUI – “Reviewing Annual Market Trends to Better Maximize Opportunities in the Future”**
 - Dr. Adam reviewed seasonal hog market trends with emphasis on traditional high 2nd and 3rd quarter market prices and low 1st and 2nd quarter prices. He discussed U.S. pork production was up by 5% in the U.S. and up by 1% globally in 2015. The U.S. swine industry is currently the second biggest hog producing country globally behind China. He reviewed the importance of the U.S. export market and how vital it is to the U.S. swine industry. This was demonstrated by a 16.5% export reduction in 2015 in comparison to 2014 lead to an overall reduce of \$9.52/hd on average during the

2015 year. Dr. Mueller emphasized what can affect the export market which included: foreign animal disease, antibiotic regulations, production growth in foreign countries, domestic disease pressure such as PEDv, poor media attention such as the 2009 Influenza outbreak labeled “swine flu” and others. Dr. Adam then discussed hog price indexes and variability factors used to calculate and better predict future hog market prices based off of previous years known market data.

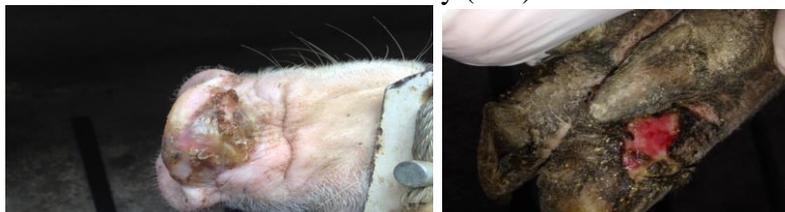


3) **Dianne DeWitte – U of MN Extension Educator – “The Common Swine Industry Farm Audit”**

- Diane discussed the reason for a common swine industry audit was to consolidate packer audits into a single common audit performed consistently throughout the U.S. swine industry. She gave the reference to review the common swine industry audit and where to find tools for an audit. She emphasized that the majority of the audit is focused on the animals care and wellbeing and how this is being documented on a daily basis. The rest of the audit focuses on caretaker training, facility up keep, records, transport and food safety. Diane explained the process of how an audit occurs with your packer randomly selecting sites to be audited, the packer will then contact the person who owns the site and a third party auditor. The auditor will then contact the owner and make an appointment to perform the audit. The auditor will then do an on-farm audit and ask questions on how everything is done on a daily basis on the farm. The common swine industry audit is designed to mimic the PQA Plus program and is packer driven and required. To review the common swine industry audit and find helpful information, visit (www.pork.org/commonaudit). Please don't hesitate to contact Drs Winkelman or Mueller to discuss further in depth the process of the common swine industry audit.

4) **Dr. Nathan Winkelman – SSUI – “Not Another PIG Virus! Seneca Valley Virus – What to Look For”**

- Dr. Nate discussed the re-emergence of Seneca Valley Virus in the U.S. and how it is clinically indistinguishable from vesicular foreign animal diseases such as Foot and Mouth Disease (FMD), Swine Vesicular Disease (SVD), Vesicular Stomatitis, and Swine Vesicular Exanthema. Dr. Winkelman presented the rise in cases from July 2015 to November 2015 has been roughly 100 PCR Positive cases in the U.S. He discussed clinical signs in piglets present as lethargy, diarrhea and increases pre-wean mortality, in sows and market pigs you see snout and coronary band lesions/vesicles that can cause poor appetite and severe lameness. Seneca Valley Virus is not considered a foreign animal disease in the U.S., but is a reportable disease. If you suspect any vesicle or blister lesions on the snout or feet of swine, contact Drs. Winkelman or Mueller immediately (320) 393-7447.

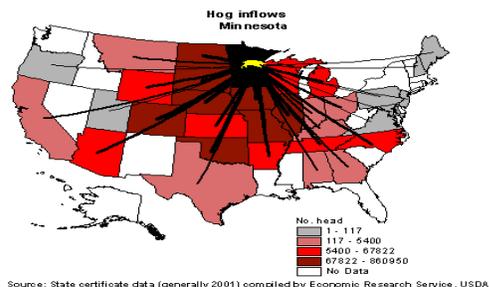


5) **Russ Siakel – Pharmgate Animal Health – “Turning a Challenge into an Opportunity: VFD (Veterinary Feed Directives) and New Prescription Requirements for Pork Producers in January 2017”**

- Russ discussed FDA guidance 209 and 213 that have been in the works for 6 and 3 years respectively will remove the growth promotion label from all feed antibiotics, require a Veterinary feed Directive (VFD) for medically important antibiotics and prescriptions for antibiotics administered through the water starting January 1st, 2017. This will require working closely with your veterinarian to maintain a Veterinarian/Client/Patient/Relationship (VCPR) and feed distributor to make sure VFDs are obtained by the feed mill prior to feed deliveries to the farm. Feed antibiotics that are not influenced at this time include: Mecadox (carbadox), Denagard (tiamulin), Flavomycin (babermycins), BMD (bacitracin) and Ionophores (skycis). The finishing touches are still be applied to the final details on VFDs (how long are they good for? only for one site? only for a group of pigs? Etc.). As the details are finalized, Drs Mueller and Winkelman will be working with you closely to insure the process goes as smooth as possible.

6) **Dr. Dave Wright – Wright Veterinary Services – “PRRS & PEDv in the N212 Region and the New health Certificate Control Proposal”**

- Dr. Wright discussed the current PRRs and PEDv status in the N212 area. Currently there are 546 active participants supplying PRRS status, with 327 PRRS negative, 98 unknown status and the rest are positive or vaccinated with PRRS. The PEDv information recognizes 803 sites with pigs, 10 PEDv positive sites, 2 stable sites, 206 negative sites and 587 unknown PEDv statuses in the N212 area. Dr. Wright mentioned that the Minnesota Board of Animal Health has on record that 7.5 million pigs from other states and Canada are imported into Minnesota annually. Knowing this it has been requested that the PRRS and PEDv status of all pigs coming into Minnesota be stated on the pig’s health certificate to better understand the PRRS status of pigs entering the state. This would not limit movement of pigs into the state, but better educate us on where PRRS positive pigs are coming from and going to in Minnesota. The next meeting to discuss this will be March 15th, with the Minnesota Pork Producers Association.



Thank you to all our producers for your business! We here at SSUI have the great pleasure of working with the best pork producers in the world!