


Welcome to the 2010 FeedAC Annual Meeting

**Denver, CO
12:30-2:30 pm
Convention Center
Room 705**



Agenda for Today

- **Board of Directors Report**
- **Executive Committee Reports**
 - Nominations Committee
 - Membership & Outreach
 - Finance & Budgeting
 - Operations and Programs
 - Analytical Methodology
 - Feed Sample Acquisition
 - Database Management
- **Executive Director's Report**
- **Open Forum for Discussion**



Acceptance of Minutes from 2009 Annual Meeting held in Montreal, Canada



Board of Directors Report

2010 FeedAC Annual Meeting

FeedAC Board of Directors

- **Daryl Kleinschmit, President**
- **Rick Grant, Past-president**
- **Dave Taysom, Treasurer**
- **Gale Bateman, President-elect**
- **Jonathan Goodson**
- **Charles Sniffen**
- **David Mertens (resigned March, 2010)**
- **Tim Johnson (appointed to complete Mertens' term)**

FeedAC Contract Services

- **FASS – Administrative, Financial, and Database Programming**
- **Don Sapienza, Sapienza Analytica LLC – Sample Manager**
- **David Mertens, Mertens Innovation & Research LLC - Executive Director and Database Manager/Developer**

FeedAC Priorities: 2009-2010

- **Three Core Priorities:**
 - **Contract for Exec Director & Database Manager Services**
 - **Sample collection, processing, & analysis**
 - 100 Corn
 - 100 Soybean meal
 - 100 Alfalfa hay
 - **Database construction**
- **Targeted financial support (\$200,000)**
 - **Analyses – Work-in-kind agreements**
 - **Programming for DB**
 - **Support for Exec Dir & DB Management/Development**
 - **Support for Sample Management**

FeedAC Accomplishments: 2009-2010

- **Contracted with Mertens Innovation & Research LLC for DB Mgr & Exec. Director services**
 - Limited funds - so negotiated contract with first priority on DB management with limited Exec. Director responsibilities
- **Dr. Tim Johnson appointed to fill Mertens term**
- **Sample collection, processing & analysis**
 - Samples are currently being sent into Sapienza Analytica LLC and being processed for nutrient analysis
 - Feed Sample Acquisition Committee will provide more detail
 - Database specifications were developed and prototype developed
 - Database Committee will provide more detail
- **2010 sponsorship (\$40,750 to date, excluding WIK)**

FeedAC Recognition & Appreciation

- **Board of Directors have volunteered a lot of time and effort to FeedAC**
 - Each Director is Chair of one Exec Committee and member of two other Exec Committees
 - Monthly conference calls
- **Recognize the Board of Directors and Their Employers**
 - Daryl Kleinschmit, **Agri-King**
 - Rick Grant, **Miner Institute**
 - Dave Taysom, **Dairyland Laboratories, Inc.**
 - Gale Bateman, **Provimi**
 - Jonathan Goodson, **Evonik Degussa**
 - Charles Sniffen, **Fencrest LLC**
 - David Mertens, **USDA-ARS, US Dairy Forage Research Center**
 - Tim Johnson, **Dairy and Animal Nutrient Management Systems Consulting**

FeedAC Recognition & Appreciation

- **Special Recognition for service to FeedAC**
 - **Retiring Board Members**
 - Rick Grant
 - Dave Taysom
 - Dave Mertens
 - **Founder, Chief Promoter, and Retiring Executive Director**
 - Chuck Schwab

FeedAC Recognition & Appreciation

- **Special Appreciation for Exceptional Financial Support (Platinum Donor 5+ yrs)**
 - **Adisseo North America** - Founding Sponsor and 8-year Platinum Donor
 - **Akey Nutrition & Research Center / Provimi North America, Inc.** - Founding Sponsor and 8-year Platinum Donor
 - **West Central Soy** - Founding Sponsor and 7-year Platinum Donor
 - **Vita Plus Corporation** - Founding Sponsor and 6-year Platinum Donor
 - **Ag Processing Inc.** - Founding Sponsor and 6-year Platinum Donor
 - **Zinpro Corporation** - Founding Sponsor and 6-year Platinum Donor
 - **Evonik Degussa Corporation** - Founding Sponsor and 5-year Platinum Donor
 - **Unity Scientific, LLC** - for providing a SpectraStar for NIR spectroscopy

Executive Committee Reports

- **Nominations**

Nominations Executive Committee

- **Chair: Gale Bateman**
 - **Members: Tim Johnson, Dave Taysom**
- **Purpose:**
 - **Make recommendations to the membership on nominations for Board of Directors**
 - **Make recommendations to the BOD on nominations for officers**

Nominations

Accomplishments: 2009-1010

- **Committee Nominations for Board of Directors**
 - Rick Grant, Miner Institute, NY
 - Larry Chase, Cornell University, NY
 - Tim Brown, West Central, IA
- **Nominations from the floor**
 - Nominees will be contacted for their acceptance
- **Voting procedure**
 - Nominations will be submitted to the membership by email by July 28, 2010
 - Voting by email will close Aug 11, 2010
 - Elected Board Member installed at August BOD meeting

Nominations

Goals: 2010-2011

- **Increase the representation of non-ruminant and commercial feed analysis members on the BOD**
- **Work with the Executive Director to develop orientation materials for new Board Members**
- **Assist the president in assigning BOD members to Executive Committees and helping new chairs understand their roles**

Executive Committee Reports

- **Membership & Communications**

Membership Executive Committee

- **Chair: Tim Johnson**
 - **Members: Jonathan Goodson, Charlie Sniffen**
- **Purpose:**
 - **Increase membership**
 - **Define membership levels and the benefits of each**
 - **Improve communications with members and non-members through the FeedAC web site and newsletters**
 - **Develop plans for outreach to other organizations with interests in feed analysis and feed information**

Membership & Outreach Accomplishments: 2009-2010

- **Solicitation for membership in 2009 with materials that explained the transformation and goals of FeedAC for 2009-2010**
- **Limited updates to web site**

Membership & Outreach

Goals: 2010-2011

- **Update the FeedAC web site**
 - Current list of members
 - Posting of BOD actions/resolutions from monthly meetings
- **Institute a quarterly FeedAC newsletter**
- **Review/modify annual fees and benefits associated with levels of membership**
 - **SPONSORS**
 - Platinum \$10,000
 - Gold \$5,000
 - Silver \$2,500
 - **MEMBERS**
 - Testing Labs \$1,000
 - Individual \$250
 - Collaborator, Student affiliate, etc

Membership & Outreach Issues

- **Time available from volunteers**
 - Can we get more people involved?
- **Responsiveness of FASS**
 - Develop a system for dealing with changes
 - Create a welcome page for new members

Executive Committee Reports

- **Finance & Budgeting**

Finance & Budgeting Executive Committee

- **Chair: Dave Taysom - Treasurer**
 - **Members: Gale Bateman, Daryl Kleinschmit**
- **Purpose:**
 - **Develop annual budgets**
 - **Monitor expenditures and report the current status of funding to the BOD and membership**

Finance & Budgeting

Financial Report: 2009-2010

- **Income:**
 - \$33,640 – Carryover
 - \$37,000 – Sponsor donations & membership dues
 - (\$16,500)– Work-in-kind
 - \$70,640 – Total
- **Expenses**
 - (\$ 9,000) – FASS service contract
 - (\$10,000) – FASS database programming
 - (\$10,000) – Sample Management service contract
 - (\$57,600) – DB Management/Exec. Dir service contract
 - (\$ 6,000) – Other operating expenses
 - (\$86,600) – Total expenses and commitments
- **(-\$15960) – Net Operating Funds Dec. 31, 2010**

Finance & Budgeting

Budget: 2010-2011

- **Service Contracts:**
 - \$15,000 - FASS Administrative/Financial Support
 - \$10,000 - FASS DB programming
 - \$24,000 - Sample Management
 - \$90,000 - DB Management/Exec. Dir
- **Analysis Costs**
 - (\$25,000) - Initial sample testing (provided by Work-in-kind)
 - \$80,000 - Comprehensive analyses
- **Miscellaneous**
 - \$5,000
- **\$224,000 – Income Required**

Executive Committee Reports

- **Operations and Programs**

Operations and Programs Executive Committee

- **Chair: Daryl Kleinschmit - President**
 - **Members: Rick Grant, Gale Bateman**
- **Purpose:**
 - **Make recommendations to BOD regarding organizational structure, operational policies and program development and execution**

Operations and Programs Accomplishments: 2009-2010

- **Refined organizational Structure**
 - **Merged Membership & Recruitment with the Communication & Outreach Committee**
 - **Responsibilities overlapped**
 - **Equally distribute BOD members as chairs of 7 committees**

Operations and Programs Accomplishments: 2009-2010

- **Developed description for Executive Director contract services**
 - **Reports to Operations Executive Committee**
 - **Provides administrative support for activities and business to be transacted**
 - **Recommends policies and procedures to BOD**
 - **FeedAC's person-of-contact**
 - **Manages day-to-day coordination of high priority activities**
 - **Attends all FeedAC BOD meetings to insure formal business policies are followed**
 - **Ex-officio of BOD and of the Executive Committees**

Operations and Programs Accomplishments: 2009-2010

- **Completed transformation of FeedAC**
 - **Vision and Mission Statements**
 - **Technical Goals**
 - **Communication Goals**
- **Unresolved**
 - **Motto and Logo**

Operations and Programs Accomplishments: 2009-10

- **Mission**

- Provide complete and comprehensive nutritional information for feeds
- Identify feeds that encompass diversity within a feed type for comprehensive analysis
- Retain samples so that comprehensive analyses are performed on the same sample
- Replicate analyses to establish sample results as standard or reference values for analytical quality assurance
- Record the analytical method for each analysis in the database

Operations and Programs

Goals: 2010-2011

- **By-law revision**
 - **By-laws will be updated to be consistent with the new organizational structure**
 - **By-laws are not clear on specific issues and need to conform with Illinois law**

Operations and Programs

Goals: 2010-11

- **Expand Executive Director contract services**
 - **Additional administrative services are needed for recording minutes and Board actions, website management, newsletter creation, membership activities, and fund-raising**
 - **BOD can focus on policy and sample acquisition**

Executive Committee Reports

- **Analytical Methodology**

Analytical Methodology Executive Committee

- **Chair: Charlie Sniffen**
 - **Members: Dave Taysom, Daryl Kleinschmit**
- **Purpose:**
 - **Make recommendations to Board on defined procedures for comprehensive nutritional analyses**
 - **Prioritize analyses needed for comprehensive analysis of the selected, diverse feed samples**
 - **Develop a template for describing analytical methods in the database and review method descriptions for compliance with FeedAC template**

Analytical Methodology Background

- **Paradigm shift in designing the comprehensive analysis database**
 - **Multiple analyses will be reported for a particular analyte, each in its own field within a feed record**
 - **NDF, NDR, aNDF aNDFom, aNDFiltbag, etc.**
 - **Will define unique acronyms for each alternative method for measuring an analyte**
 - **It's doable and has value in demonstrating relevant differences in methods**
 - **Every result reported in the database will have the analytical method linked to it**

Analytical Methodology Background

- **Work with Analytical Methodology Focus Groups**
 - Define appropriate groups and membership
 - Identify a Chair for each group
 - Use as a resource/sounding board for:
 - Prioritizing results for each nutrient group based on usage or perceived nutritional value
 - Defining 2-5 methods/labs used to obtain appropriate results
 - Reviewing submitted methods for clarity and compliance with FeedAC templates
 - Setting relative priorities among analytes and monitoring the completeness of relevant results

Analytical Methodology

Potential Focus Groups

- Dry matter, moisture, ash
- Fibrous carbohydrates
- Non-Fibrous carbohydrates
- Lipids
- Protein - protein solubility, NPN, NH₃, NDIP, ADIP, Protein indigestibility
- Amino acids
- Macro and micro minerals
- Vitamins
- In vivo digestion
- In situ digestion
- Ruminant in vitro disappearance
- Enzymatic in vitro degradability
- In vitro gas production/analysis
- Digestion kinetics
- Particle size
- NIR spectra
- Other spectra

Analytical Methodology Accomplishments: 2009-2010

- **Analytes identified for prioritization**
 - **Dry Matter**
 - Oven
 - Microwave
 - Karl-Fischer
 - **Ash**
 - Total ash
 - Macro minerals
 - Ca P, S, K, Mg, Na, Cl
 - Mineral bioavailability

Analytical Methodology Accomplishments: 2009-2010

- **Analytes identified for prioritization**
 - **Crude Protein**
 - Kjeldahl or combustion
 - NDIP with or without Na Sulfite
 - Sequential or non sequential
 - ADIP
 - Sequential or non sequential
 - Soluble protein
 - NH₃
 - Peptides and true protein
 - **Indigestible protein – pepsin or 3-step (?)**
 - **Amino acids – total**

Analytical Methodology Accomplishments: 2009-2010

- **Analytes identified for prioritization**
 - Neutral detergent fibers
 - NDF- - with Na Sulfite & without amylase
 - NDR - with amylase & without Na Sulfite
 - aNDFom - with amylase & Na Sulfite, ash free
 - ADF
 - Lignin
 - Acid detergent lignin – sulfuric
 - Acid detergent lignin – permanganate
 - NDF in vitro digestibility
 - Grind size defined
 - Time of fermentation defined
 - peNDF
 - Crude fiber (for historical comparisons?)

Analytical Methodology Accomplishments: 2009-2010

- **Analytes identified for prioritization**
 - **Starch**
 - Starch degradability (rate and extent)
 - Prolamins
 - Total tract digestibility – grind size and grinder specs
 - **Total sugars, ethanol procedure (?)**
 - Individual 6 carbon sugars
 - Individual 5 carbon sugars
 - oligosaccharides
 - **Pectin, fructans other polysaccharides**
 - **Plant organic acids**
 - **Fermentation acids, sugar alcohols and ethanol for silages**

Analytical Methodology Accomplishments: 2009-2010

- **Analytes identified for prioritization**
 - **Total Fatty Acids**
 - Fatty acid profile
 - Don Palmquist update
 - **Ether extract – for historical comparisons**
 - With or without acid hydrolysis
 - Glycerol
 - Other extractable lipids
 - **Micro minerals**
 - Cr, Se, Co
 - Organic linked minerals
 - **Vitamins**
 - Fat soluble – A, D, E
 - Water soluble ?

Analytical Methodology

Goals: 2010-2011

- **Establish six highest priority Focus Group members and chairs**
 - Prioritize the 20 most important analytes for corn, soybean meal products, and alfalfa hay
- **Develop template to describe methods for analytes in the comprehensive database**
 - Use aNDF method as an example
- **Review and approve acronyms used for analytes in the comprehensive database**
 - Use Methodology Focus Groups as advisors
- **Review and approve method descriptions entered into the comprehensive database**

Executive Committee Reports

- **Feedstuff Selection & Sample Acquisition**

Feed Sample Acquisition Executive Committee

- **Chair: Rick Grant**
 - **Members: Jonathon Goodson, Tim Johnson**
- **Purpose:**
 - **Recommend to BOD the priority of feeds to be added to FeedAC database**
 - **Develop policies & procedures to collect diverse samples of each feed type via Commodity Expert Groups**
 - **Define appropriate expert groups, identify members and Chairs, set sample collection guidelines, and monitor progress in sample collection**
 - **Develop protocols for sample storage and processing and supervise the Sample Management service contractor**

Feed Sample Acquisition Accomplishments: 2009-2010

- **Accepted membership priority for feeds**
 - Corn grain
 - Soybean meal products
 - Alfalfa hay
- **Determined inventory of samples on-hand**
 - 62 soybean meal products + 10 new samples
 - 26 alfalfa hays
 - 8 corn grains + 20 new samples
 - 48 distiller's dried grains
 - 69 fish meal

Feed Sample Acquisition Accomplishments: 2009-2010

- **Established Corn Expert Commodity Group**
 - Approved sample collection and identification protocols
 - **ISSUE** – found that sample identification was not consistent with new database sample description information
- **Worked with Board members to begin collection of additional alfalfa hay and soybean meal products**
- **Identified unique alfalfa samples (CaARPAS) that have in vivo data and submitted a request to obtain these samples for the database**
 - Investigating other sources of samples with in vivo data

Feed Sample Acquisition Accomplishments: 2009-2010

- **Developed a standard protocol for sample processing that describes:**
 - **Drying**
 - **Grinding**
 - **Splitting**
 - **NIRS Scanning**
 - **Shipping**
- **Reviewed prototype Sample Tracking database**

Feed Sample Acquisition

Goals: 2010-2011

- **Review diversity of samples collected**
 - **Reactivate Commodity Expert Groups for corn, soybean meal products and alfalfa hays to collect additional samples that encapsulate the diversity of these feeds**
- **Make feed information collected by the Commodity Expert Groups consistent with the database sample descriptors**
- **Set priority for the next three feeds**
- **Work with Sapienza Analytica LLC to manage sample collection and processing**

Executive Committee Reports

- **Database Management**

Database Management Executive Committee

- **Chair: Jonathan Goodson**
 - **Members: Rick Grant, Charlie Sniffen**
- **Purpose:**
 - **Provide recommendations to the BOD for FeedAC database content, structure, and function**
 - **Develop policies and standard operating procedures for the management of the FeedAC database**
 - **Supervise Database Management service contractor**

Database Management Accomplishments: 2009-2010

- **Developed description for Database Development/Management contract services**
 - Reports to Database Management Executive Committee
 - Develops database design and specifications
 - Person-of-contact with database programmer provided under separate contract by FASS
 - Debugs, modifies, and refines database function to meet the needs of FeedAC
 - Manages the correct input of information, monitor input data quality
 - Develops protocols for clustering samples, and selecting samples for comprehensive analysis that encapsulate the diversity of each feed type

Database Management Accomplishments: 2009-2010

- **Accepted contract with Mertens Innovation & Research LLC**
- **Approved specifications for the Initial Sample Tracking Database**
 - A prototype version is available for evaluation and revision by executive committees and DB contractor
 - A list of major and minor modifications have been developed
- **Approved specifications for the Feed Information and Sample System (FISS) comprehensive database**
 - Programming is delayed until after the JAM

Database Management

Goals: 2010-2011

- **Beta version of Sample Tracking DB functioning by August 1, 2010**
 - Have real-time sample tracking information available to DB and Sample managers, and Feed Sample Acquisition Exec Comm.
- **Cluster analysis and selection of initial diverse samples of corn, SBM products, and alfalfa hay provided to Feed Sample Acquisition Exec. Comm. by Aug. 15, 2010**
- **Submit selected samples for comprehensive analysis based on Analytical Methodology Exec. Comm. recommendations by Sept 1**

Database Management

Goals: 2010-2011

- **Prototype of FISS DB ready for evaluation by Sept. 1, 2010**
- **Beta version of FISS DB available for user evaluation with limited test data by Oct. 1, 2010**
- **Enter comprehensive results obtain into FISS**
 - Define acronyms with Analytical Methodology EC
 - Enter method descriptions when results entered
 - Statistical system for collating new results with methods in place
- **Revision and refinement of the FISS DB through Dec 31, 2010**

Database Management

Goals: 2010-2011

- **Cluster analysis and selection of samples on new feeds and on additional samples from corn, SBM products and alfalfa hay**
- **Continuous updating of information and refinement of DB**

Database Management Design & Development Overview

- **Report by DB Service Contractor**
 - David R. Mertens
 - Mertens Innovation & Research LLC

Database Management Design & Development Overview

- **Information Collection Process**
 - **Collect 100 diverse samples of each feed**
 - Commodity Expert Groups define the factors creating nutritional diversity and help to collect appropriate samples
 - **Select 8-12 samples from the 100 that encompass the diversity of the feed**
 - Cluster feeds into groups based on a combination of chemical analysis (3 labs) and NIR spectra
 - Select the median feed in each cluster
 - **Comprehensively analyze the 8-12 selected samples**
 - When possible, replicate analyses among laboratories

Database Management Design & Development Overview

- **Sample Repository/Access Process**
 - Collect 10 to 50 lbs of the selected diverse samples
 - Members can request sub-samples with stipulation that results generated must be returned to FeedAC
 - In most cases, sub-samples will be shipped “blind” and DB information provided only after stipulated results (and methods) have been received
 - Charge for samples will be based on the value of information on the sample minus the value of any additional information provided by the recipient

Database Management Design & Development Overview

- **Information Collection - Sample Repository systems require two interacting databases**
 - **Initial Sample Tracking Database**
 - Sample source, description, storage-loc & tracking dates
 - Limited chemical analysis and NIR spectra
 - **Feed Information and Sample System (FISS) Database – comprehensive analysis of diverse samples**
 - Descriptive information – linked to Sample Tracking DB
 - Chemical information
 - Physical information
 - Bioavailability information
 - Spectral information

Database Management Design & Development Overview

- **Initial Sample Tracking Database**
 - Intended for in-house use to keep all parties (Exec. Committees, Commodity Expert Groups, Sample and DB managers) informed in real-time about the status of samples collected
 - Contains an extensive list of descriptors for each samples (to be shared with FISS DB)
 - Tracking information and dates (12 fields)
 - Linked to sample source and laboratory contact information

Database Management Design & Development Overview

- **Initial Sample Tracking Database**
 - **Limited chemical information (replicated by 3 labs) with no requirement for method validation**
 - DM, Ash, EE, CP, ADF, NDF, NDICP, ADICP [by-products]
 - DM, Ash, EE, CP, ADF, NDF, NDICP, Starch [grains]
 - DM, Ash, EE, CP, ADF, NDF, NDICP, lignin [forages]
 - **NIR Spectra**
 - **Used only to detect diversity and select samples for comprehensive analysis**

Database Management Design & Development Overview

- **Feed Information and Sample System (FISS)**
 - **Descriptive information (searchable items)**
 - **Source (9 fields)**
 - **Name and Genotype (7 fields)**
 - **Location grown/acquired (8 fields)**
 - **Date grown/acquired (6 fields)**
 - **Harvest, growing conditions, storage/conservation, physical form, processing, appearance, etc. (17 fields)**
 - **Picture file**

Database Management Design & Development Overview

- **FISS Chemical information record (searchable items)**
 - **Feed Group** (drop-down dialog box)
 - **Common Feed Name** (drop-down dialog box)
 - **Unique Sample ID code** (entered automatically)
 - **Split number** (Automatic – linked to Sample ID code)
 - **Date of analysis** (entered as MM/DD/YYYY)
 - **Laboratory ID code** (drop-down box)
 - **Analyte acronym** (10 char from drop-down box)
 - **Method ID code** (3 digit from drop-down box)
 - **Method technique ID code** (1 char from method-specific drop-down box)
 - **Preparation ID code** (2 char from [drying method, then grinding method] drop-down box)
 - **Analytical result** (#####.## with checks on input)
 - **Units of analytical result** (Selected from drop-down box)
 - **Basis of analytical result** (Selected from DM or as-is)

Database Management Design & Development Overview

- **FISS Chemical information record**
 - **Method code – linked to a file with method description in a standard format**
 - **Method technique ID code – linked to a file with description of technique modifications for each method**
 - **Preparation ID code – linked to a file with description of sample preparation techniques**

Database Management Design & Development Overview

- **FISS – Example chemical information record**
 - **Corn** (Common Feed Name)
 - **1365821** (Sample ID code)
 - **026** (Split number)
 - **10/15/2010** (Date of analysis)
 - **AA** (Laboratory ID code)
 - **aNDFom** (Analyte acronym) – linked to brief description
 - **906** (Method ID code) – linked to method description
 - **b** (Method technique ID code) – linked to method
 - **ag** (Preparation ID code) – linked to description
 - **42.8** (Analytical result)
 - **%** (Units of analytical result)
 - **DM** (Basis of analytical result)

Database Management Design & Development Overview

- **Feed Information and Sample System (FISS)**
 - **Bioavailability information**
 - In vivo
 - In vitro
 - Ruminal
 - Enzymatic
 - In situ

Database Management Design & Development Overview

- **Feed Information and Sample System (FISS)**
 - **Physical information**
 - Particle size distribution
 - **Spectral information**
 - NIR - Unity

Database Management

Search Options and Strategies

- **Hierarchical design**
 - **FeedType**
 - **Common Feed Name**
 - **Descriptors**
 - **Region**
 - **Chemical**
 - **Analyte**
 - **Value range**
- **Save search for future use**
 - You provide name and search options are stored
 - You select report options

Database Management Information Search: Examples

- List all of the FA results by method XXX for soybean products from the MW
- Give the average amino acid results for all corn samples containing between 8.0 and 9.5% crude protein
- List the results for five variants of aNDF (user specified) for all forages
- Average lignin (method specified) results for all alfalfa hays in the DB with the number of observations and standard deviation
- For all grains in the MW, give the average starch concentration using method XXX, technique a, and sample preparation bb with the number of observations for each

Database Management

Sample Access and Use: Examples

- Obtain 20 diverse samples with reference starch analyses to evaluate a new starch digestibility method
- Use samples with replicated CP analyses as a standard for in-house quality control
- Use a sample with known reference analyses to evaluate laboratory accuracy
- Obtain 10 samples with in vivo data to evaluate a new method for IVNDFD48

Executive Director Report

Goals: 2010-2011

- **Build confidence and support for FeedAC**
- **Invigorate enthusiasm for a national feed information and sample access system**
- **Improve communication about the objectives and accomplishments of FeedAC**
 - **Need active involvement of interested parties**

Executive Director Report

Goals: 2010-2011

- **Provide orientation for new board members by Sept. meeting**
- **Review goals of each Executive Committee and develop a Plan-of-Action for each goal by Oct meeting**
- **Review and refine interaction with FASS**
- **Coordinate activities and communication among BOD Executive Committees**

Executive Director Report

Goals: 2010-2011

- **Monitor progress in meeting goals for database**
 - **Feed Sample Acquisition**
 - **Analytical Methodology**
 - **Database Management**
- **Monitor progress in meeting goals for membership**
 - **Membership and Communication**
 - **Revise membership fees/benefits to match FISS concept**
 - **Update web site and communications**

Open Discussion – Pres. Kleinschmit

- **Priority of the next three feeds for the FISS DB?**
- **Are the changes in FeedAC clear?**
- **Will FeedAC have the moral and financial support to move ahead?**
- **What challenges must FeedAC address to be successful?**

Installation of Next BOD President

- **Daryl Kleinschmit, President**
- **Gale Bateman, President-elect**