



Technical Committee: Chairman's report 2017/18

Jackie Tucker





The road to success is
through commitment.

Will Smith

quoteagency



Change is the only constant

- Revised structure of the Technical Committee meetings for 2018
 - Focus on the importance of the various sub-committee projects
 - Address specific animal nutrition and feeding matters
- Outcomes which will benefit all AFMA members and be in the interest of our customers; the producers/farmers.



Committee meetings

- Positive support
- Young industry members
- 56 attendees
- 23 sub-committees
- 32 projects



1. MONITORING

- Continuously monitor & provide feedback on available data for:
 - **Mycotoxin**
 - **Salmonella**
 - **Dioxin/ PCB**
- Powerful risk management tool for the manufacture of safe animal feed.



2. CODES OF PRACTISE / GUIDELINES

- Provides members with
 - Guidance on best practice
 - Sampling and early warning system procedures
- Reviewed biennially
- A major review action was launched during the previous reporting period and we aim to have all current reviews concluded by the end of 2018



Table 1. AFMA Technical Codes of practice and guidelines

Mycotoxins	Revision of the AFMA COP for the control of mycotoxins in the production of animal feed. NEW: Mycotoxin guidance values for feed ingredients
Salmonella	Revision of the AFMA COP for the control of salmonella Revision of the Practical guidelines for the monitoring of salmonella Revision of the Salmonella sampling procedure Revision of the Critical feed ingredients for salmonella monitoring
Dioxin /PCB	Guideline for the detection, monitoring and prevention of dioxins and PCBs in animal feed
Carry-over	NEW: Guideline for the detection, monitoring and prevention of carry over in feed and premixtures.
Sampling	NEW: Revision of the AFMA Guideline for Sampling of feeds and ingredients.
EWS	NEW: Code of Conduct for the reporting of undesirable substances in Feedstuffs and Animal Feed in SA NEW: Guideline list of hazardous materials for EWS reporting



3. INGREDIENT QUALITY

- **Hominy chop**
 - 3-year project to determine the maximum moisture level of wet milled hominy chop that will support the safe use and storage of the maize byproduct.
 - New developments → requires further investigation
- **Silage**
 - Independent assessment of national silage standard
- Feed grade **urea** quality – 2019
- **Soya oilcake** quality parameters (SAFEX trading)
– support Trade Committee



4. NUTRITIONAL GUIDELINES

- Ten SC's
- 60 nutrition specialists
- Review of nutrient specifications for all complete and supplement farm feeds
- Novel classification system and specifications for game feed in South Africa

Calves	Cattle	Dairy	Sheep & Goats	Horses
Ostrich	Other (Fish)	Poultry	Pigs	Game



WHY the NGRP?

- New technology in feed additives & manufacturing processes
- Advancement in animal genetics
- Keep updated with formulation techniques and to integrate the knowledge in our regulatory framework/specifications
- Benefit of the feed manufacturer, the farmer, the animal and the consumer of animal products



5. TECHNICAL TRAINING & SKILLS

- **Technical Programme SC**
 - Symposium - 30th October
 - FORUM 2020 - 3-5 March 2020 at Sun City
- **CPD**
 - Early investment of education, training, exposure and mentoring of animal science students, enhances the feed industry going forward.



Student outreach SC

- Bridging the gap between the academic and professional environment of an employed animal scientist in the feed industry
- Projects supported:
 - Biannual student seminars (national tertiary institutions)
 - Prize for the best student nutrition poster (SASAS congress)
 - AFMA Matrix intervarsity writers' cup
 - Technical writing skills seminars



GENERAL

- Continued requests to provide ad hoc technical inputs and recommendations to other AFMA committees and regulatory authorities on a variety of nutritional & quality topics
- Influencing agriculture via a scientific approach to the nutrition and feeding of animals
 - Proposed ban of Formaldehyde & n-hexane use in farm feed
 - Soya oilcake quality parameters to be used for trade.



Thank you

- Francois van der Vyver
- Natasha Snyman & Chantelle Fryer
- Sub-committee chairpersons
- AFMA team
- Terry Wiggill
- All members

