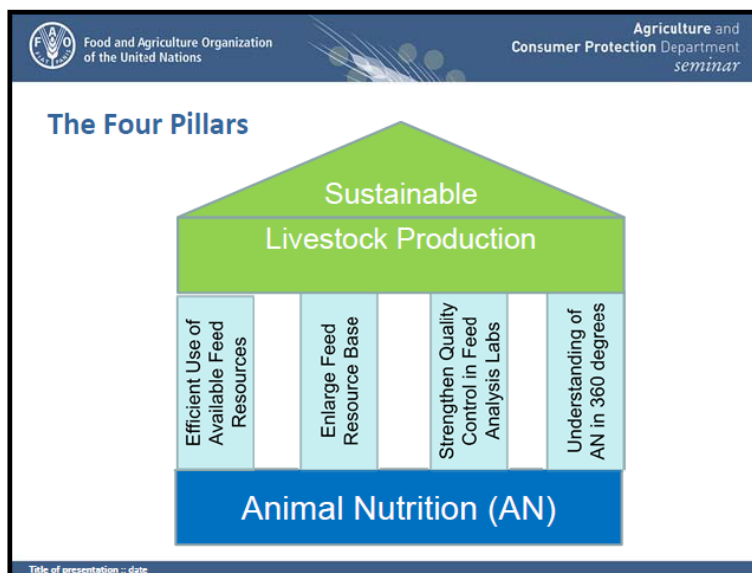


Dr. Makkar of the FAO visits the OTSC

Dr. Harinder Makkar of the Food Agriculture Association (FAO) visited OTSC/TAMU Agrilife and presented a seminar entitled “An Overview of FAO’s Animal Feed and Feeding Program” on May 10, 2017. The [presentation](#) was well attended by faculty from the Soil and Crop Sciences and Animal Sciences Department and OTSC personnel. In his presentation, Dr. Makkar outlined FAO’s four pillars of animal nutrition, which leads to Sustainable livestock production and includes:

1. Efficient Use of Available Feed Resources
2. Enlargement of the Feed Resource Base
3. Strengthening Quality Control in Feed Analysis Labs
4. 360 degrees of Animal Nutrition Understanding

Dr. Makkar discussed a variety of projects implemented at the FAO, which assists farmers in developing countries implement new technologies that enhances animal productivity and health while conserving the environment, natural resources and biodiversity. Dr. Makkar emphasized the important role private industry plays in facilitating and sustaining the transfer of technology and the need for quality data from feed analysis labs. He also discussed the impact of feed-food competition on food security and safety.



Current projects at the FAO include:

- Development of the Livestock Environmental Assessment and Performance Partnership
- Development of a Laboratory Internal Audit Tool for Testing Laboratories compliant with ISO/IEC 17025: 2005
- Strengthening of Quality Control Systems for feed analysis laboratories through proficiency testing and laboratory personnel training

To learn more about Dr. Makkar and FAO's projects related to animal food, view his [presentation](#) or the resources listed below.

1. [The Feed Analysis Laboratory: Establishment and Quality Control](#)
2. [Quality Assurance for Animal Feed Analysis Laboratories](#)
3. [FAO Ration Formulation Tool](#)
4. [Animal feed resources information system \(Feedipedia\)](#)
5. [The Global Livestock Environmental Assessment Model](#)

About Dr. Makkar

Harinder P.S. Makkar works as Animal Production Officer at FAO, Rome. He joined FAO in 2010. Before joining FAO he was Mercator Professor at University of Hohenheim, Stuttgart, Germany. He has published over 300 research papers, which have over 16000 citations. He has planned, implemented and monitored national and international projects in over 45 countries. He is an animal biochemist by training.

