

Revised Plant Availability Nutrient Coefficients and Manure Nutrient Content Update

The INMC recommendations were presented to the 1217 Committee on January 26, 2012 by David Crouse. No concerns were expressed therefore the official effective date of the tables remains July, 1 2012.

Revised Manure Waste Volume Update

The INMC recommendations were also presented to the 1217 Committee. Several concerns were raised regarding whether or not drought data was considered during the timeframe of the analysis as well as whether or not the sample size was representative of the industry. Limited funding will prevent further analysis by Karl Shaffer. There are no records which state how the current Barker volume tables were determined. Yet it is known that the industry has taken significant measures to reduce volume amounts.

It was determined that the Committee would revisit the recommendation considering the following information:

- It is not recommended to use the average of three years due to the drought.
- Request that Karl Shaffer provide the 75th, 80th, and 90th percentiles from his collected data.
- If there is in fact a reduction in volumes in lagoons then the K concentrations should have a spike in the 2007 year. David Crouse will provide information documenting the K concentrations for 1996-2009.
- It was recommended to consider rainfall data from weather stations; however these are model numbers as well and may have too much variability.
- It was recommended to invite Robert Evans and Garry Grabow to participate at the next meeting.

RYE Data Table Update

Deanna Osmond reported that there was limited data available from recent crop yield studies. R-squared values for this data will be really low. Ideally we would want to use information from nitrogen response type yield studies. RYE is so variable based on weather. Also management methods such as plant population, row spacing and plant varieties are also hard to capture in the RYE. Data is currently being processed and will bring to the committee when complete. She suggested that they may look back at how NCDA&CS Agronomic Lab is making recommendations as this process may need to be explored again as the guidance for RYE.

Using Alfalfa in Waste Plans

Alfalfa has been included (to a limited extent) as a receiving crop in waste plans in NC. This could be a good receiving crop because it is deep rooted however it requires a high level of management. It was suggested to make sure that the NRCS standard did not prohibit legumes in waste plans.