

**NC INTERAGENCY NUTRIENT MANAGEMENT COMMITTEE  
MINUTES  
October 21, 2008**

**Attendees:**

NCSU

Deanna Osmond

NCDA&CS

David Hardy  
Colleen Hudak-Wise  
Brenda Cleveland

DSWC

Vernon Cox

NRCS

Josh Spencer

**Discussion items:**

1. Update on revised waste utilization tables: Josh Spencer updated the group on this effort (See Sept 2007, Nov 2007, and Jan 2008 minutes for background on this topic). Updating the tables has slowed due to uncertainty about desired format, composition of tables vis-à-vis operation types, whether generated waste volumes should be included, plant availability coefficients, and specific integrator contacts. The group agreed that any update to the tables should be inclusive of nutrient content and volumes produced. The group also reiterated its desire to include swine and poultry integrators, as well as other appropriate state agencies, in the table development process in order for them to provide feedback to the INMC. The committee also believes that the tables update should be based on the NCDA sample analyses completed by Shaun Casteel and relevant ASABE manure production data. Josh agreed to work with other members of the group to produce a draft of tables for major animal operation types that include nutrient content and volume information prior to next INMC meeting in January. The group would then analyze the draft, and determine a course of action for draft distribution or further table revision. The group would also discuss outstanding issue questions that remain on the tables at the January meeting.
2. Covered Lagoon Nutrient Content Recommendations: Vernon Cox updated the committee on further developments with covered lagoon (both permeable and impermeable) nutrient studies being conducted by Mark Rice at NCSU. Covered lagoons are currently being evaluated for nutrient concentrations in sludge, influent, and effluent. Preliminary results of the studies have shown that, as anticipated, nitrogen content in covered lagoon situations have been higher by a factor of 1.5—2.4. The group agreed that formal evaluation and recommendations by the INMC should come forth only after completion of studies. It was suggested that Mark Rice come back to discuss findings with committee at either the January or March 2009 INMC meeting.
3. Corn Application Windows/Double Cropped Corn in Waste Mgmt Plans: Group discussed separate corn cropping scenarios brought before the INMC for guidance by Tim Hall: (1) Corn waste application windows where different genetic varieties of corn are planted at different times (later than the 'normal' planting window) and thus have different maturity dates; and (2) Double cropped corn silage. Group was not clear on either what specifically is being requested

from the INMC for these rotations, or the specifics of each rotation. Group recommended that Spencer contact Tim Hall and invite him to next INMC meeting for further discussion.

4. 590/633 standard updates: Spencer updated the group on standard revisions to NC NRCS 590 (Nutrient Mgmt) and 633 (Waste Utilization) standards. The revised versions of the standards will include the recent NCSU guidance on the ineffectiveness of starter P applied to agronomic 'very high' or PLAT 'very high' soils as well as the need to lime acutely acidic soils prior to application of organic waste materials. Spencer agreed to send the proposed revision language out to INMC members for comment. The new versions of the standards will likely be released in November 2008.
5. Nutrient Management Software update: Deanna Osmond updated the group on the effort to develop a new NC Nutrient Management software product that integrates the current nutrient management planning protocol with the NCANAT software. At this point, the planning framework for the software has been developed by an INMC subgroup, and this is ready to go to the programmer. However, funding for the software is limited, and right now the scope of the 'prototype' will be limited. Deanna intends to apply for a new 319 grant in 2009 in order to have funding to complete the new software as envisioned.
6. INMC Chairperson: The group briefly discussed the need to replace Lane Price as INMC chair. The group requested that Josh Spencer continue to serve in this role to organize meetings, complete minutes, etc.

The meeting adjourned at 2:30 PM. The next INMC meeting is scheduled for January 22, 2009 at the NCDA Agronomic Lab.