

# INMC Meeting Minutes

July 14, 2016

**Attendees:** David Hardy, Joe Hudyncia, Christina Lawson, Deanna Osmond, Michael Shepherd, Josh Spencer, Colleen Hudak-Wise, Natalie Woolard, Kristin Hicks

## Approve Minutes

Minutes for May 12, 2016 were approved.

## Plant Availability Coefficient of Composted Manures

K. Hicks presented a summary of nutrient analysis of all composted manure samples processed by the NCDA&CS Agronomic Division between 2010 through 2016. Obvious outliers and samples that were coded incorrectly were removed from the data set.

J. Smyth reviewed data previously for composted manure compared to uncomposted manure and did not see a significant difference. Therefore, it is the recommendation for P and K coefficients have a value of 1.

Nitrogen values should also be consistent between compost and uncomposted manure. There are a wide range of variations that could affect the nitrogen values such as the carbon to nitrogen ratio, the type of compost system and the management of a system. However, currently there is not enough data and/or research to justify a different value for composted manure. To be most conservative and protective of the environment, the INMC recommends to utilize the N coefficient values as uncomposted manure. The effective date of this change in the NCDA&CS Agronomic Division's LIMS system is August 1, 2016.

The table below are the recommended coefficients for the various compost types.

Compost Type	N		P		K	
	Broadcast	Incorporated	Broadcast	Incorporated	Broadcast	Incorporated
Goat Manure	0.4	0.6	1	1	1	1
Sheep Manure	0.4	0.6	1	1	1	1
Beef Manure	0.4	0.6	1	1	1	1
Poultry Manure	0.5	0.6	1	1	1	1
Swine Manure	0.5	0.6	1	1	1	1
Dairy Manure	0.4	0.6	1	1	1	1
Horse Manure	0.5	0.6	1	1	1	1
Swine Mortality	0.5	0.6	1	1	1	1
Poultry Mortality	0.5	0.6	1	1	1	1

For the Nutrient Management Software, include all the compost source types except for Goat and Sheep due to low sample numbers.

### **Nutrient Values for Rapeseed**

Canola is a cultivar of rapeseed therefore use the same values for rapeseed.

### **Nutrient Management Software Update**

N Woolard provided an update for the software. The “About” section of the software is still under development. We will need to add the biosolids and compost sources to the software. DSWC will be hosting a software training in August for Soil and Water Conservation District and NRCS employees. We are aware that all sections of the software are not working properly, however we are hopeful that most of the issues will be corrected by the training. NRCS has been successful in loading the software on computers that are connected to the federal servers.

**Next meeting scheduled for September 8, 2016.**