

INMC Meeting Agenda

January 10, 2019

Members present: David Hardy, Michael Shepherd, Christine Lawson, Colleen Hudak-Wise, Jeff Young, David Crouse, Stephanie Kulesza, Rob Austin, Jot Smyth, and Deanna Osmond

1. Updates regarding continuing education for nutrient management certification

Continuing education was approved by the Commission. It consists of six hours every three years. Tech Specialists will need to use the web site to report their hours and a certain number of individuals will be audited each year to ensure compliance. Jeff Young will share slides that he presented to the Commission with Stephanie so that she can incorporate them in to the training so that the expectations for continuing education is clearly conveyed to the students who are training to become technical specialist.

2. RYE and N rate for corn and wheat

Reviewed N rate response curves for wheat and corn as provided by Shelby Rajkovich's MS thesis. RYE N rates are working but yields are too low. Also presented multiple site years just to give context to the corn and wheat trials. Those yields are also higher than the RYE yields. The committee requested additional data from the OVT trials. This issue will be discussed at the next meeting.

3. RYE for crops not in the software or the RYE table

It was decided that David Crouse would send a list of crops that are not in the current software to Michael and that Michael would have these crops entered into the data base. In addition, there are about 15 new soils that need to be added to the database. Rob Austin, David Crouse, and Stephanie will work with Matt Ricker (new pedologist at NC State) to help determine the soil management groups for these soil, which will allow for the generation of meta data necessary for PLAT.

4. Fall window application date for bermudagrass and bahia grass (Chris Jernigan invited)

We reviewed a soils map from the climate office on first freeze dates and an extension fact sheet. Based on this information it was decided that we would not change the date. A memo is being written that will be approved by the committee and posted on the web site.

5. Nutrient Management Training – March 11-15, 2019 and October 7-11 , 2019 (schedule will be changed to accommodate use of the GIS lab on Thursday and Friday only)

Stephanie will be the direct contact for the nutrient management training and she will communicate with Joni and the other teachers.

6. Changing to WEPP and Nutrient Management Training

NRCS needs to do further testing and calibration of WEPP. The earliest WEPP will replace RUSLE 2, according to NRCS sources, is early 2020. Erosion rates appear lower with WEPP than RUSLE 2.0.

7. Animal waste content fact sheets

Stephanie is updating these fact sheets. In order to keep data consistent, the fact sheets need to be more generic and point to the Ag Chem Manual, which is where the nutrient content numbers are “kept.” Steph worked with Kristin Hicks to discuss updating these numbers. The committee decided that it should be done no more frequently than every five years due to the regulatory nature of nutrient management plans. Steph and Kristin will look at the means and report back. The current data consists of the mean and significant data cleaning was done to ensure quality data. We will continue to discuss this issue at the next meeting.