Due Wednesday, January 22, 2014

ANSC 418 – Assignment 3 – 25 pts.

(No duplicate articles allowed – first one to post the citation of their article to Facebook gets that article. If you use an article that has already been posted, maximum ½ credit.)

1. Find a research article where the following conditions are met:
   a. Cattle were consuming forage (either grazing or fed hay)
   b. There was an unsupplemented group
   c. There was at least 1 group provided with a supplement (small amount of another feed in addition to the basal forage)
   d. Forage intake was measured in both the unsupplemented and supplemented groups

2. Calculate the TDN:CP ratio of the basal forage (see handout on Calculating TDN:CP for more info). Be sure to outline how you calculated the TDN:CP by including the measurements from the paper that you used to calculate TDN:CP.

3. Provide the forage intake by the supplemented group and by the unsupplemented group.

4. Indicate how forage intake in the supplemented group compared to forage intake of the unsupplemented group.

5. Were they significantly different?

6. Provide a copy of the article to turn in.

7. Be prepared to discuss your results in class.