Editor's comments

Authors should explain how the quantities of organic amendments were chosen should be added (i.e. based on total or available N content).

I support the authors' comments concerning the statistical analysis of experimental data. In my opinion the Fisher's Least Significant Difference (LSD) test is based on analysis of variance (ANOVA) and is correct. Details of this test are shown in:

http://www.graphpad.com/guides/prism/6/statistics/index.htm?stat_fishers_lsd.htm

https://www.utdallas.edu/~herve/abdi-LSD2010-pretty.pdf

But I consider that authors should add statistical analyses for plant productivity evaluation in the Fig.5 and Fig. 6

in the Chapter 3.5 Effects of water sources and amendments on the rice grain yield (t/ha).

Author's feedback

My earlier response to the reviewers' comment in respect to how the organic amendments were chosen based on the total nitrogen is still maintained. I stated earlier that the organic amendments were chosen based on the soil type of the study area, crop involved and also on the availability of the amendments in the area. The quantities used were not considered on total-N supplied, rather based on other research works carried in the study area. The organic amendments chosen are locally available and can be accessed by the local farmers. The quantities of these amendments chosen were expected to compete favourably with inorganic fertilizers which not only is costly but are not affordable by the local farmers, can cause acidification, imbalances in nutrients of the affected soils and can pollute the environment. These information were presented in the manuscripts (see lines 197 – 200).

As the editor rightly commented, the F- LSD test was based on the ANOVA Table. The statistical analysis for the rice grain yield evaluation requested is now presented in Table 9 to explain further figures 4 and 5 as shown in the revised version 3 of the manuscript (Table 9: Effects of different water source for *sawah* and amendments on rice grain yield (ton/ha)).