The paper by Farias et al. is interesting and I think it should be published in *Land*. The paper is well written and the authors have done a good job of clearly describing the methods and presenting the results. In addition, the paper adds relevant information about the formation of soil in the region that is relevant to the management of local farms. I suggest only minor revisions:

- **Abstract:**
  - Line 24 - "The study was conducted in the community of Poção, located in the municipality of Mar-24 tins-RN…" is repetition of what is mentioned above. Please, delete or rephrase.
- **Keywords:**
  - Since you can include up to ten keywords, I suggest you to add more pertinent and specific keywords to increase the possibility of having your work included in more searches conducted in indexed databases.
- **Materials and methods:**
  - Lines 90-94 - I suggest you to mention the altitude interval of the sampling locations, although it is already mentioned in Figure 2.
  - Line 105 - Portuguese expression to be corrected (área).
  - I suggest you to divide the section of materials and methods in several sub-sections, since it makes it easier to the reader to find specific information about the methods (e.g., site description; sampling; physical analyses; chemical analyses; statistical analysis...).
- **Results and Discussion:**
  - I think the section of results and discussion should also be organized in several sub-sections.
  - Lines 167-213 - Although it is abovementioned (lines 114-116), I suggest you to refer again to both Brazilian Soil Classification System and World Reference Base. Perhaps, in abbreviation.
  - Table 2 - Which system did the authors use for textural class classification? I suggest you to mention this information in the materials and methods.
  - Lines 309-312 - Why did the authors explain the reduction of pH through organic matter mineralization due to poultry manure application? The land-use type for each sampling location must be clearly mentioned in the section of materials and methods. A brief description of this land-use is needed (e.g., type of fertilizers applied...).
  - Line 387 - As done before, I suggest you to change "Profile 3" to P3 o standardize your writing. The same below (lines 406 and 412)
  - I agree that studies on soil formation factors in Brazil favor the understanding of soil formation around the world, as you argue in the introduction section (lines 52-55). Therefore, I think your discussion should emphasize this point by relating your findings with more studies on soil formation around the world.
- **Conclusions:**
  - Studies on soil formation are indeed crucial to better manage farming systems. I suggest you to emphasize the importance of your study for the management of local farms in this section of conclusions.