

Review of: "Influences of Crop Geometry and Nitrogen Application on Growth, Yield, Fodder Value, and Quality of Baby Corn: A Review"

Ilker Inal

Potential competing interests: No potential competing interests to declare.

I have read the article you sent me for my evaluation, and I thank you for seeing me appropriate to do so. I have given my opinion about the article below.

1. When the title of the article is first read, it seems as if it was written as a result of field studies. However, when the article is read, general information about baby corn and previous studies on this plant in the world is summarised. However, it cannot be understood whether this information is suitable for the geography where the author lives because there is no information about the regions where the research was conducted in the literature. The title of the article can be changed to 'The Place of Baby Corn in World Agriculture and Its Importance for Africa (or Ethiopia)'. If the title will not change, the expression 'Plant Density' can be used instead of 'Plant geometry.'
2. The first 6 pages of the article give general information about baby corn (plant characteristics, environmental and soil requirements, its importance in world and African agriculture and trade). In the literature studies given in the article, it is understood that the nitrogen dose could not be determined precisely in many studies and that the yield continues to increase as the nitrogen dose increases. If it is planned to carry out a study on a subject for the first time in our geography, country, or region, it would be more appropriate to take the studies carried out in geographies close to our region as a basis. Because soil, climate, and irrigation facilities vary according to countries and regions, the plant density will also vary.
3. In the title of the article, there is a statement as 'Fodder Value and Quality of Baby Corn.' However, there is no information about parameters such as crude protein, ADF, NDF, ADL, which express feed value and quality in the article. Therefore, it does not match the statements in the article title.

Conclusion

It is an important scientific work in order to introduce Baby Corn, which is stated to be a new plant for Ethiopia, to the cultivation of the country. However, supporting the article with literature information appropriate to the title of the article will make the article richer and more valuable.

I wish you good work.

Assoc.Dr. İlker İNAL

Republic of Türkiye Ministry of Agriculture And Forestry



Eastern Mediterranean Agricultural Research Institute