

# Review of: "Evaluation of Chemical Content and Phytochemical Composition of Yemeni Almond Cultivars"

Carolina Hernández-Hernández<sup>1</sup>

<sup>1</sup> INIFAP Instituto Nacional de Investigaciones Forestales Agrícolas y Pecuarias

Potential competing interests: No potential competing interests to declare.

## REVIEW

The line <<The seeds of the almond plant are one of the nuts that are a source of high>> seems incomplete and/or poorly written, it should be corrected or eliminated.

Please update information with more recent data (2022) <<It is also grown in both the governorates of Dhamar and Taiz, and the production reached 10,483 tons during 2018. (AASB, 2018).>>

In the paragraph << This was indicated by Ruggeri et al. (1998), Sathe (1993), and Drogoudi et al. (2013) indicated that the chemical composition has an important role in the difference between almond samples in protein ratios.>>, the wording is incorrect; please correct it. It is recommended to send the document to an expert translator into scientific English to improve the writing and translation.

The discussion on iron content is sparse and confusing; it is recommended to correct. This paragraph is confusing <<These results show that three samples of Yemeni almonds are medium razki, small razqi from BaniMatar, and oblong razqi from Khawlan>>; remove or improve the writing.

Please correct the nomenclature of measurements << mg/100 grams>>; the correct way to write it is mg/100 g.

Please support this statement by citing other studies related to the issue of copper in almonds <<from this, it is clear that Yemeni almonds are distinguished by their high content of copper compared to other types of almonds>>

If the paragraph discusses the manganese content, this sentence is not understood and is confusing: <<. The studied was higher in copper content, except for flat razqi, jali twisted, and oblong razqi, all of which were from Khawlan region>>; it is suggested to correct since according to the first line the content of the manganese, and not copper, is explained in this paragraph.

Correct the wording of this paragraph since it is not understood<<This group was characterized by a higher content of both ash and protein. And carbohydrates, zinc, manganese, iron, copper, calcium, magnesium, sodium, potassium, phenolic compounds, and flavonoids, and a lower content in each of total fats, aluminum, and boron compared to the second group, "Khulan region group" >>.

Most of the bibliographic references are prior to 2018, which indicates that they are too old; it is suggested to use more

references that are less than five years old.