

Corrections and Suggestions associated with the paper
Please review this paper using the highlighted text in PDF file

1- ABSTRACT

Line11: to determinate the optimal stage

Suggestion: to determine the optimal growth stage

Line12: has deadens the harmful....

Suggestion: has limited

Line19-22: During the second.....grain yield and its components

Suggestion: Improper statement that requires major revision (English)

There is no taking home message from the investigation

2- INTRODUCTION

Line27: The weather forecast studies....

Suggestion: Climatic change pattern in Mediterranean region would increase drought frequency....and.....

Line33-37: require a major revision....

Suggestion: What are these technologies based on agriculture conservation or what??? Please specify and elaborate on these!!! What are the specific conditions....?

Line43: Fertilization? Misuse and wording

Suggestion: Fertilizer application

Line44: Dray

Suggestion: dry

Line 47: avoid losses

Suggestion: reduce water and nitrogen use....

Fertilization??? See above

Line 51-54.

Objectives: The statement requires a major modification.

i-e: This investigation aimed to:

- Quantify the effect of supplemental irrigation on (specify the traits.....or grain yield on durum wheat....)
- Identify potential optimal growth stage.....of nitrogen and supplemental irrigation
- Estimate genetic variability of WUE of the used durum wheat cultivars....;

3- MATERIAL AND METHODS

There is no detailed description of the measurements related to all variables (traits) considered in this paper. Please insert a detailed description for all variables.

Line 61: by a drill???

Suggestion: Please specify the used equipment....

Line 63-67: inconsistency and style unconformity....

Suggestion: Please review and reformulate

Line:69: affected

Suggestion: allotted or applied.....

Line70: buffer zone

Suggestion: alley

Line71: irrigation was....

Suggestion: spray irrigation was used.....

Line75: Measures focused on the weight

Suggestion: soil moisture was measured (please specify at what depth? or horizon? What is the sampling technique used? What is the growth stage? How this variable was used to estimate water uptake? What soil type and so.....

Line78-81: software ESPSS 17.0

Suggestion: SPSS 17.0 and the option S-N-K is SNK (student Newman Keulis) is used for mean comparison.....

Line86: divided into...

Suggestion: Please rewrite using appropriate English language...

Line89: Figure 1. Unclear bars

Suggestion: Please change the color of bars and requires further interpretation regarding the deficit! Or other....

PLEASE NOTE THAT THERE IS NO DESCRIPTION DETAILED AVAILABLE OF THE VARIABLES USED IN THIS ANALYSIS.

Please describe how and when these variables were assessed.....

4- RESULTS AND DISCUSSION

Line95-98: Nitrogen was not affected grain yield....

Suggestion: Grain yield was not affected by nitrogen application.....

Line99: Concerning genotype.....

Suggestion: Genotype effect.....

Line100-101 view point.....regime tillering.....

Suggestion: Wording!!!Please rewrite

Line103: did not show.....

Suggestion: Statement difficult to understand!!! Please rewrite.

However it is noted that there is no interaction $N \times G \times N$????

Please verify and correct this statement.

Line 104: Table 1 and Table2. The authors reported Moy; Moyenne

Suggestion: Please rewrite as means instead of Moy. Moreover, **There is no reason to show all means of interaction $N \times G \times I$ since only main effects were found significant for both cropping seasons. This presentation requires a major modification. The anova table is lacking to support the interpretation. Please insert the anova table.**

Line108-110: Indeed /S-N-K ...classes....followed by....

Suggestion: wording./ Please rewrite.....

Line112-113: on treatment that have received low doses of nitrogen

Suggestion: Please specify nitrogen rate as well as elaborate on how this could be perceived (negative impact on nitrogen uptake.....). Rewrite

Line117-118: However.....compared to rainfed....irrigation at tillering or tillering.....

Suggestion: Please rewrite.

Line119: NxIxGxN does not exist. The authors used only three factors.....

Suggestion: Please revise....

Line125: WUE.....inappropriate statement.

Suggestion: Please restate this sentence.

Line126-127: at heading stage....with existing irrigation at tillering???? There is no such stages!!!!

Suggestion: Please use Zadock's scale and rewrite these statements.

Line131: the S-N-K.....

Suggestion: Please revise.

Figure 2 and Figure 3: Since all main effects (irrigations, genotypes, and nitrogen applications) were tested using the same errors there is no reason that means were associated with different standard errors (SE) as reported by the authors; unless there are missing plots. This latter condition was not reported by these authors. Please revise and re-estate these sentences.

Line 143-145: poor English.

Suggestion: Please revise this statement.

Line 151-153: poor English

Suggestion: rewrite

Line 158-162: two diets?????

Suggestion: Please reformulate this sentence

Line 165-172: in contrast.....this was not very significant to.....

Suggestion: wording problem and there is no such very significant!!!! please rewrite.

Line 178-182: In general.....S-N-K....

Suggestion: requires major modification. There is no discussion reported by these authors.

Line 186-188: its thanks.....

Suggestion: Please revise!!

5- CONCLUSION

There is not enough evidence or a clear message in the conclusion.

All highlighted sentences in the original paper require a major revision since there is problem of wording...