



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2014_AJEA_10889
Title of the Manuscript:	Effect of Preceding Crops and Supplementary Irrigation on Yield and Yield Components of Two Varieties of Common Wheat (<i>Triticum aestivum</i> L.)
Type of the Article	Original Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	Effect of preceding crop in a temperate climate is fairly well understood, e.g., lower yield of a cereal in succession is not a big surprise. What is interesting in this work is the application of another factor, i.e., irrigation. Crop rotation in the deficit conditions is less understood. Moreover, it should be kept in mind (which has been weakly stressed in the study) that the preceding crops have their own water requirements and they also must achieve yield in these adverse conditions. The average yield of wheat in Kurdistan region demonstrates how limited is the yield due to the lack of water in the soil, and thus indicate a great need for this type of study. Although, the work is interesting because of the results, the value of the work is significantly reduced due to the number of errors that require meticulous editorial work. Numerous punctuation and stylistic errors. The manuscript requires substantial improvements in terms of editorial mistakes, e.g., no spaces, periods and commas in many places, fragments of the text not justified.	Dear sir I did alterations
<u>Minor</u> REVISION comments	Abstract: In the abstract before the summary of results, where in the first sentence the phrase "some traits" is present: it would be good to list the parameters measured. Is the data in the abstract obtained for the two cultivars? If so, it is worthwhile to add: "on average". Introduction: The first paragraph seems unnecessary. The next paragraph "wheat is .." if we want to present the percentage of utilization of wheat, it would be	The suggestions has been taken in consideration and alterations has been done The soil moisture was taken by drying soil samples. While field capacity by pressure membrane



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	worthwhile to use more current data than from 1997. The second last paragraph of the introduction (non-justified) "A survey of the literature gathered from around the word ..." however, the author cites only one study. Materials and Methods Very long description of the vegetation conditions (including 3 large tables) - it would be advisable to shorten it. How the soil humidity was measured? It is not clear. Tables should appear in order of citations. Tables 2-3 are not mentioned in the Materials and Methods section. Results and Discussion I would add the missing results of statistical tests, even if they do not differ statistically. In the Table 6 , analysis with, e.g., Student t-test should be used to compare two averages. – (and everywhere were tested 2 objects) Please add why these preceding crops have been selected for research. The large body of results obscures the effect of parameters tested on grain yield. It would be worthwhile to highlight these results in an informal summary at the end of the Results section. Water requirements of preceding crops could be little more broadly described. The sentences „Such beneficial effect of supplement irrigation on wheat was in harmony with the results of numerous researchers, Patel and Patel, 1985; Ismail, 1993; Adary et al., (2002) who illustrated that wheat productivity greatly increased by supplementing small amount as much (68 mm) of irrigation. And others (Alam et al., 2003; Tavakkoli and Oweis, 2004; Nand et al.,	apparatus. Duncan's multiple range test always applied and if it is not significant there will be need to add alphabetical letters. We chose these preceding crops as it was usually grown at our locality.
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	2011).” should be edited. References Mostly, literature is cited correctly, but in addition to punctuation errors (spaces, periods, italics etc.), the following errors are found in the reference list: - Sharam... should be: Sharma (as in the text) - Tavakkoli and Owies... should be: Tavakkoli and Oweis... - Yousif – reference duplicated - Page A.L... Amercen Society should be "American Society" - NCAVRR instead of NCRVRR The text refers to several doctoral and master theses. These and several others are difficult to verify due to the lack of availability.	
<u>Optional/General</u> comments		