



SDI Review Form 1.6

Journal Name:	Asian Journal of Research in Crop Science
Manuscript Number:	Ms_AJRCS_47733
Title of the Manuscript:	The Role of, Genetic, Agronomic and Environmental Factors on Grain Protein Content of Tetraploid Wheat (<i>Triticum turgidum</i> L.)
Type of the Article	<u>Review Paper</u>

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)
Compulsory REVISION comments	<p>The bibliographic review is important since it aims to clarify the biotic and abiotic factors that affect the protein content in durum wheat cultures.</p> <p>The sections dealing with the agronomic management factors that affect the protein content, are little developed and are ambiguous, much of the information presented should be discussed by the author as the "Tillage practices", where you can not adjudicate the difference in protein to a tillage system but it is necessary to evaluate the changes in the nitrogen cycle that are produced and how they affect the crop, which can be modified with fertilization.</p> <p>The results shown in table 2 are valid for the experimental conditions evaluated, so it can not be generalized, if it can be reported that there have been increases in protein levels with fertilization in certain phenological stages of the crop.</p> <p>The conclusions are very poor and they try to generalize agronomic recipes and not to evaluate the environmental and cultivation conditions, to intervene in consequence</p>	It has been corrected
Minor REVISION comments	<p>The bibliographic review is important to clarify the agronomic and crop practices that determine the protein content of the grain. For this, the literature review is poor and outdated, results from other authors are presented as recipes to be applied without taking into account the environmental conditions where the information was generated and the possibilities of extrapolating these results.</p> <p>A more critical review of the existing information should be presented, which are the clear and obscure points that there are on the subject, on which one should work under specific conditions. since there are others that lack common sense, such as advancing or delaying the sowing date, this should be defined according to the agro-ecological conditions of each region to avoid the occurrence of periods of stress at sensitive moments of the crop.</p>	It is due to lack of available information, but some has been corrected
Optional/General comments		

PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	