

## Review Form 1.6

Journal Name:	<a href="#">Asian Journal of Agricultural Extension, Economics &amp; Sociology</a>
Manuscript Number:	Ms_AJAEES_85115
Title of the Manuscript:	Yield gap analysis of cotton in Bhadradi kothagudem district of Telangana
Type of the 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:

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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		
Minor REVISION comments	<div>1- The research problem not explained</div> <div>2- What is the purpose of the search?</div> <div>The results are very important, where are the recommendations</div>	<div>The study's goals were to estimate potential yield and actual production in cotton, as well as to detect the yield gap at the farmer holding level. Farmers' yields, on the other hand, are comparatively lower than those recorded at research stations and demonstration plots, leaving a significant yield potential unfulfilled. After identifying the constraints, efforts could be undertaken to minimize the yield gaps caused by these constraints. The current study had the desired objectives of estimating yield gaps in the study area, determining the causes of yield gaps, evaluating the constraints that cause yield gaps, and suggesting suitable solutions to reduce yield gaps in cotton production in the study area.</div> <div>Farmers' fields were subjected to poor cultural practises, which resulted in a yield gap of 21.69%. Farmers usually do not adopt a technology as a package, instead opting for individual practises that are customized to their budget, management, and ability to execute, resulting in variability in the adoption of cultural practises and, as a consequence, yield gaps. As a result, cultural practises including such sowing time, recommended dose and balanced use of plant nutrients, plant protection measures, weeding, and intercultural operations have been absolutely essential for maximising undervalued farm potential at a minimal price.</div> <div>So an intensive research effort is needed to modify the existing technology to reduce the non-transferable component of technology to exploit the yield potential of cotton.</div>
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?	(If yes, Kindly please write down the ethical issues here in details)	