



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_47549
Title of the Manuscript:	Ginning efficiency and fiber quality properties of cotton as affected by conventional roller gin stand feeding methods and seed cotton grade
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:

(<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>Underneath Abstract (Aim) Correct as highlighted: To investigate the relationships between the three different methods of roller gin stand type (i.e., hand feeding (control), cylinder feeding and belt feeding (2 rows)) of tooth spicks on four seed cotton.....</p> <p>Methodology Four seed cotton grades; namely, Good to Fully Good (G/FG), Good + ¼ (G + ¼), Good (G) and Good -¼ (G - ¼) belonging to 'Giza 88' cotton cultivar were used in this work. The extra-long staple Egyptian cotton variety with the pedigree and origin of cotton Giza 88 (Giza 77 x Giza 45 B) was used. This work was carried out in 2017. About half cantar (1 cantar = 157.5 kg) of each seed cotton grade as a bulk sample was thoroughly mixed.....</p> <p>Results Please write the full meaning of H.V.I. at first use before using the acronym subsequently.</p> <p>Conclusion</p> <ul style="list-style-type: none"> ➤ The hand feeding method of seed cotton to the gin stand surpassed all studied feeding methods in gin stand productivity, lint percentage and the most H.V.I. fiber properties is the better classer grade. ➤ Belt (2 rows) is the preferred feeding method regardless of gin stand productivity. <p>Underneath Introduction Line 5: Correct as highlighted;Ginning efficiency is usually evaluated as gin stand capacity, ginning time and ginning..... Line 14: Correct as highlighted;mechanical feeding methods (the cylinder feeding method and the belt feeding method). Line 23: Correct as highlighted; spiked belt feeder was usually located between the ginning roller... Line 42: Correct as highlighted;..... stand capacity to about 38.5%, (higher than manual, cylinder and belt methods) 35% and 27%,..... Line 45: Correct as highlighted;.... uniformity been better classer grade [8].</p> <p>Underneath Materials and Methods Line 2-6: Correct as highlighted; Four seed cotton grades; namely, Good to Fully Good (G/FG), Good + ¼ (G + ¼), Good (G) and Good -¼ (G - ¼) belonging to 'Giza 88' cotton cultivar were used in this work. The extra-long staple Egyptian cotton variety with the pedigree and origin of cotton Giza 88 (Giza 77 x Giza 45 B) was used. This work was carried out in 2017. About half cantar (1 cantar = 157.5 kg) of each seed cotton grade as a bulk sample was thoroughly mixed..... Line 10-11: Correct as highlighted; during the year 2017. The bulk sample of each seed cotton grade was divided into nine sub- samples</p> <p>Please number your equations (in line 22, 25 and 29 respectively).</p> <p>Please check your numbering for "Determination of fiber properties using H.V.I. instrument" and "Statistical procedures" and number accordingly. Line 70: Correct as highlighted;... as a factorial experiment according to the procedure of [11].</p> <p>Underneath Results and Discussions Line 37-41: Correct as highlighted;..... It is obvious that the highest seed cotton grade (Good to Fully Good (G/FG)) brought about the lowest mean values of the ginning time and the highest mean values for the rest of the studied ginning efficiency parameters. This result might be because the highest seed cotton grade usually contains the highest</p>	<p>Done</p> <p>Done</p>



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	<p>proportion of the big.....</p> <p>Check the numbering for the heading “Fiber properties tested by H.V.I. instrument” and number properly.</p> <p>Underneath Conclusion</p> <ul style="list-style-type: none"> ➤ The hand feeding method of seed cotton to the gin stand surpassed all studied feeding methods in gin stand productivity, lint percentage and the most H.V.I. fiber properties is the better classer grade. ➤ Belt (2 rows) is the preferred feeding method regardless of gin stand productivity. 	
Minor REVISION comments		
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	I agree