

ReviewForm 1.7

JournalName:	InternationalJournalof Plant& SoilScience
ManuscriptNumber:	Ms_IJPSS_97245
Titleof theManuscript:	ResponseofEarly, Timely&LateGenotypesofBrassicaps.GrownUnderDifferentTemperatureConditionsforOilContent&FattyAcidComposition
Typeof the Article	OriginalResearchArticle

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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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The effect of four different dates of sowing on oil content and fatty acid composition was studied using eleven rapeseed and Indian mustard varieties at Indian Agricultural Research Institute, New Delhi. Effects of species, maturity duration (early, timely and late sown) and environment (different dates of sowing) on the oil content and fatty acid composition was observed. The results indicate specific, genotypic variations as well as different responses to the environment, resulting from strong G×E interactions for oil content and delay in sowing compromised the oil content in general. Higher temperature at seed filling and pod maturity stage affected the fatty acid profile. A significant correlation between temperature variables at maturity and fatty acid composition was observed. Linolenic (r = -0.335 to -0.317) and erucic acid (r = -0.578 to -0.568) was significantly and negatively correlated with temperature at maturity stage whereas a positive correlation was found with linoleic acid content (r = 0.324 to 0.338).</p> <p>Keywords: Fatty acid profile, Indian mustard, Oil content, Rapeseed, Temperature</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the articles suitable for scholarly communications?</p>	good	
<p>Optional/General comments</p>	<p>The title is related to our journal format</p> <p>The entire manuscript must first be adjusted to the exact format of the journal.</p> <p>The abstract should be brief and useful. Rewrite the introduction.</p> <p>Literature review means what studies have been done on the topic and what are you saying now. The research method and data collection method should be clarified.</p> <p>References should be written based on APA and powered. Research limitations and suggestions for further studies should also be presented.</p> <p>The all text should be correction about grammar mistakes.</p>	

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)	

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