

## Review Form 1.7

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_95628</b>
Title of the Manuscript:	<b>Genetic Variability and Path Analysis for Yield and Associated Traits in Linseed Genotypes.</b>
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:

(<https://www.journalijpss.com/index.php/IJPSS/editorial-policy> )

### **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><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>-To study the nature and magnitude of genetic variability with yield and related traits and characters association in linseed</p> <p>-High to moderate magnitude of PCV and GCV were observed for the traits viz., 1000 seed weight, yield per plant, plant height, biological yield per plant, days to flower initiation indicating the presence of significant variability in the existing collection which can be exploited for further improvement by suitable breeding methods.</p> <p>-In path analysis traits like days to 50% flowering, plant height, number of capsule per plant, number of primary branches per plant, yield per hectare, number of seed per capsule, days to maturity, oil content exerted positive direct effect on seed yield per plant at phenotypic level whereas at genotypic level, traits like days to 50% flowering, plant height, days to maturity, plant stand, number of primary branches per plant exerted positive direct effect on seed yield per plant</p> <p>-These traits should be considered for yield enhancement. Path coefficient analysis revealed the positive direct effect at both genotypic and phenotypic levels for the characters viz</p> <p>The title is of the article suitable</p> <p>The abstract of the article is comprehensive</p> <p>Subsections and structure of the manuscript are appropriate</p> <p>The manuscript is scientifically correct</p> <p>The references are sufficient and recent</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	English quality of the article is suitable for scholarly communications	
<p><b>Optional/General</b> comments</p>	<p>-Twelve diverse linseed (<i>Linum usitatissimum</i> L.) genotypes were evaluated in randomized block design with three replications during <i>rabi</i> season 2020-21 in the experiment field of AICRP on oilseeds in the college of agriculture Tikamgarh. The higher phenotypic coefficient values than corresponding genotypic coefficient values depicted influence of environment in the expression of traits.</p> <p>-The genotypic coefficient of variation (GCV) and phenotypic coefficient of variation (PCV) were computed as per Burton (1952) method and path coefficient analysis were estimated by using Wright (1921) and elaborated by Dewey and Lu (1959) method.</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)
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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**Reviewer Details:**

Name:	<b>Tran Van Minh</b>
Department, University & Country	<b>School of Biotechnology, International University, Vietnam National University Ho Chi Minh City, Vietnam</b>