Review Form 1.6

| Journal Name: | International Journal of Plant & Soil Science | |
|--------------------------|--|--|
| Manuscript Number: | Ms_IJPSS_81814 | |
| Title of the Manuscript: | Studies of genetic parameters for yield, yield contributing and morphological characters in soybean (Glycine max (L.) Merr.) | |
| Type of the Article | Original Research 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 |
| <u>Compulsory</u> REVISION comments | | his/her feedback here) |
| | Information about soybean varieties, growing system (fertilizers, pesticides) and basic soil parameters should be given in the Materials and methods section. | |
| | The year (years) of the study is not indicated. | |
| | References to publications of 1952 and 1955 without a summary of the essence of the methods make it difficult to understand the research conducted. | |
| | Of the 19 publications mentioned, 16 are older than 5 years. The list of publications should be finalized. | |
| | Table 1."Mean Sum of Squares" should be put in the title. Give all explanations of the table in the notes. Variant "treatment" - no explanation in the methods. | |
| | Tables 1 and 2 - no statistical processing. Table 2 - Does soybean oil content really have a low level of heritability? | |
| | | |
| Minor REVISION comments | | |
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| Optional/General comments | | |
| | Perhaps the introduction should also point out that the high content of proteolytic enzyme inhibitor is problematic in assessing the nutritional value of soybeans. | |
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PART 2:

| | | 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) | |

Reviewer Details:

| Name: | Victor Schwartau |
|----------------------------------|--|
| Department, University & Country | National Academy of Sciences of Ukraine, Ukraine |

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