



**SDI Review Form 1.6**

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| Journal Name:            | <a href="#">Journal of Agriculture and Ecology Research International</a>                                                                                                                                                 |
| Manuscript Number:       | <b>Ms_JAERI_27210</b>                                                                                                                                                                                                     |
| Title of the Manuscript: | <b>Characterization of Heading Times and Duration of Heading time of an Individual Using a Wide range of Variety of Rice (Oryza sativa L.) in One of the Northern-limit Regions of Rice Cultivation, Hokkaido Islands</b> |
| Type of the Article      | <b>Original Research Article</b>                                                                                                                                                                                          |

**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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Compulsory</b><br>REVISION<br>comments | <ol style="list-style-type: none"> <li>1. The manuscript should prepare in passive tenses. Especially in objective.</li> <li>2. In the materials part, more proper words might be rice varieties? As the genetic material that involved is not provided.</li> <li>3. As all the result are focusing on the output of cultivation of rice plant under L/H density, it is very important to explain how L/H density are carried out. Therefore, it is unclear that how to obtain the dataset at table 1? From where that the authors can jump to the conclusion that DFH are totally due to the genotype?</li> <li>4. Poor result and discussion section. Authors should explain the possibility why such data was observed. Eg fig2, what is the factor to the contribution of very low R<sup>2</sup> value?</li> <li>5. Where the land race data come from? And how they were integrated into modern cultivar data?</li> <li>6. Lastly, from the data and result explained, it is hardly connected to the conclusion statement that the rice breeders of Hokkaido Islands genetically modify heading times. Please explain</li> </ol> | <ol style="list-style-type: none"> <li>1. I cannot understand why the present manuscript cannot be prepared in passive tenses.</li> <li>2. In the materials part, additional information was added in detail.</li> <li>3. The reason why L/H density condition was added in Cultivation part. As for Table 1 the way of calculation was added in Result and Discussion part. When this way was understood, readers will understand conclusion that DFH are totally due to the genotype.</li> <li>4. The objective of present report is that common experience of rice breeders of Hokkaido is statistically characterized. Then, further discussions need genetic analysis. About Fig.2, further discussion was written.</li> <li>5. Land race data is not past data but land races cultivated with modern cultivars. This is written in the last of Cultivations part.</li> <li>6. From Fig. 4 and 5, it is clear that heading times were genetically modified from the land race.</li> </ol> |
| <b>Minor</b> REVISION<br>comments         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Optional/General</b><br>comments       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |