

REVIEWER'S REPORT

Manuscript No.: IJAR-54485

Date: 27-10-2025

Title: The impact of varying bulb sizes, plant spacing, and planting dates on the yield and quality of onion seeds var. Taherpuri.

Recommendation:

Accept as it is

Accept after minor revision.....

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality	✓			
Clarity		✓		
Significance	✓			

Reviewer Name: Tahir Ahmad

Reviewer's Comment for Publication.

This manuscript presents a well-designed agronomic experiment assessing the combined effects of **bulb size, plant spacing, and planting date** on the yield and quality of onion seeds (var. *Taherpuri*). The study employs a **Randomized Complete Block Design (RCBD)** with adequate replication and clear data collection methodology. Results are logically presented and supported by relevant statistical analysis using LSD tests and references to prior literature.

The paper's **strengths** include:

- A clear experimental framework with well-defined treatments.
- Comprehensive coverage of **growth, yield, and seed quality parameters**.
- The study's findings are of **practical value** to onion growers and researchers in Bangladesh and other similar agro-ecological zones.
- The interpretation effectively connects results to physiological reasoning and existing studies.

However, **minor revisions** are suggested before publication:

1. **Language and grammar:** Certain sentences (especially in the introduction and results) are lengthy and need minor grammatical corrections for fluency.
2. **Formatting consistency:** Ensure uniform spacing between words and units (e.g., "25 cm × 20 cm" should be consistent throughout).

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3. **Figures and tables:** Figures 1 and 2 should have clearer axis labels and captions, formatted to journal style.
4. **Conclusion section:** Consider highlighting the **practical recommendation** (ideal bulb size, spacing, and planting date) more explicitly in bullet or summary form.
5. **References:** Some citations (e.g., "Phor et al., 2019") need complete bibliographic details in the reference list.

Overall, this research contributes valuable data for optimizing onion seed production and quality management practices in Bangladesh. The manuscript demonstrates good technical quality and scientific rigor and should be **accepted after minor revision**.