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## REVIEWER'S REPORT

**Manuscript No.: IJAR-56220**

**Title: CRISPR Cas for bringing desired traits in crops**

**Recommendation:**

Accept as it is .....

Accept after minor revision.....

**Accept after major revision .....**

Do not accept (*Reasons below*) .....

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

**Reviewer Name: Dr. Hari Prashad Joshi**

### *Detailed Reviewer's Report*

This review article provides a comprehensive overview of CRISPR-Cas genome editing technologies for crop improvement, with detailed coverage of mechanisms, applications across major cereals, and emerging systems including Cas12, Cas13, and Cas14. The extensive tables documenting targeted mutagenesis in rice, wheat, maize, sorghum, soybean, and barley represent a valuable compilation of recent progress. However, the manuscript requires major revisions before acceptance. The abstract contains typographical errors ("deatil") and awkward phrasing that undermines professional presentation. The introduction is overly verbose and would benefit from concise restructuring.

The document suffers from significant organizational issues, including redundant figure citations and inconsistent table formatting that spans multiple pages without clear breaks. Reference formatting is problematic, with numerous entries lacking complete information and inconsistent numbering (e.g., entries beginning with "4825."). The discussion of challenges appropriately addresses off-target effects and delivery systems but would benefit from deeper exploration of regulatory landscape differences across jurisdictions. The conclusion effectively summarizes but could more strongly emphasize future research directions. The extensive reference list requires systematic verification and formatting correction according to journal guidelines. Given the manuscript's potential value as a reference resource, these substantive revisions addressing organization, technical accuracy, and professional presentation are essential before publication consideration.