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(nee Sarin)
The present thesis comprises of the following:

1. **Introduction and review of literature:** It deals with the work done in various CMS systems and their possible molecular mechanisms.

2. **Materials and methods:** It includes various procedures and techniques employed during this study.

3. **Results:** It includes the data obtained from the various experiments performed to understand the mechanism of CMS in rice.

4. **Discussion:** It includes the inferences drawn from the results obtained during the present study and a discussion on these results.

5. **Summary:** In this section, the work done has been briefly summarised.

6. **Bibliography:** It includes the list of references and publications related to the present study.