Pointwise answers to reviewer's comments

Minor editing of English language required: English language and style are needful done as highlighted and minor spell check is also needful done.

S.No	Comment	Reply
	Reviewer #2:	
1	Line 199: More details are needed for the male flower. For example, "The male flowers were identified in the parental lines at the beginning of the crossing period and bagged in the previous evening and pinched off in the next morning and kept carefully in a glass container. Then the female flowers "The female flowers were emasculated one day before opening, and they were wrapped in a thin layer of cotton."	Monoecious bottle gourds (Lagenaria siceraria) bear male and female flowers. Key inferior ovary variations between male and female flowers: Male Flowers: The male flower has a long, slender peduncle and one pollen-producing stamen. Male flowers lack or have a primitive ovary. Male bottle-gourd flowers lack or have a primitive ovary. Female flowers have a unique ovary at the base that will produce fruit if fertilized. The bulbous ovary is at the floral center. Well-developed female flowers have ovules in their ovaries. A functioning ovary is essential for female flowers. Bottle gourds and other monoecious plants generate more male flowers compared to female flowers. This may be an adaptive technique to ensure pollination with enough pollen. Environmental conditions and plant health affect flower output and ratio. To determine flower sex and optimize pollination, growers watch the flowering pattern. If natural pollination is insufficient, farmers may hand-pollinate to increase fruit set. Kindly refer to line no. 203-215.
2	Figures 4 a-d. There are two types of significant letters; uppercase and lowercase, the difference between the two types should be clarified in the caption.	The averages followed by the same uppercase or lowercase do not differ at 5% level of significance. Lowercase letters compare the values of root length and capital letters compare values throughout the experiment. Kindly refer to line no. 685-687.
3	The reference list still needs careful revision. Some journals are abbreviated (as Front Plant Sci line 867) while others in complete names (as Current Issues in Molecular Biology in lines 855). Scientific names should be in italics as in lines 872, 876, 879.	Rectified the reference list as per the journals format.