induce mycelium lignification, showed a higher leaf chlorophyll content and improve the growth of corn plants. Plant height of *B. subtilis* treated samples showed a significantly higher average (53.5cm) compared to controls. The combination of *B. subtilis* and Bima-15 showed the lowest disease incidence (6.5%) and highest chlorophyll content (43.7 g/ml) among the *B. subtilis* treated group. However, the Perkasa variety showed the highest yield (4.5 t/ha) compared to other DM stress conditions.

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