

Recent Progress on the Mechanism of Abnormal Plantlet in Tissue Culture

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Abstract: Abnormal plantlet is a common type of abnormal phenomenon occurred frequently in plant tissue culture. Because it is difficult to de-

velop into normal plantlet, it restricts application of plant tissue culture. Many factors possibly cause the abnormality. The morphologic characteristics, the reasons to the phenomena and the methods for preventing and controlling the abnormalities are summarized in this paper.

Key words: plant tissue culture; hyperhydric plantlet; morphogenesis; hormone