

ABSTRACT

Science and technology nowadays are developing increasingly rapidly. With the increasingly rapid progress of science and technology, education in schools is required to improve the quality and refine the learning process as well as learning biological technology innovations. One implementation of technological advances in education is the use of Lectora Inspire as interactive learning multimedia. This research aims to determine the level of validity of interactive multimedia shoot induction of Duku plants (*Lansium domesticum* Corr.) using Lectora Inspire as a learning medium for phase E biological technology innovation material and to determine the response of giving the kinetin hormone to shoot induction in seed explants of Duku plants (*Lansium domesticum* Corr.). The type of research used was research and development (R&D) and for experimental research used a completely randomized design (CRD) with five repetitions. The results of the study showed that there was no response to the administration of the kinetin hormone to shoot induction in duku plant seed explants (*Lansium domesticum* Corr.). Interactive multimedia using Lectora Inspire which has been validated by material experts, media experts and language experts obtained an overall average score of 89.0% which is included in the very valid category. So interactive multimedia is suitable for use as a learning medium for biological technology innovation material, especially tissue culture.

Keywords : Interactive Multimedia, Kinetin, *Lansium domesticum* Corr., Lectora Inspire, Shoot Induction, Validity