

ABSTRACT

The production of sweet corn in Indonesia is still low, the production of corn crops can be influenced by several factors such as the non-optimal distribution of superior varieties in society, improper use of fertilizer, the application of technology and the matching of unrefined crops. He study aims to find out the influence of light color variations and the media of the seed on the germination of sweet corn seeds. he research was carried out at the mini-laboratory of the Kuta Blang Village Seed Research Team of Banda Sakti District of Lhokseumawe and the Laboratory of Agroecology of the Faculty of Agriculture of the University of Malikussaleh District of Reuleut District of Muara Stone District of Northern Aceh. The study was conducted in March 2024. Giving light has a real impact on seed viability, seed vigor, and growth rate of cucumbers. The best light light is red (W2) and without light (W4), the treatment of tissue media of napkins, towels, and faces has no real influence on seed viability, seed vigor, and growth rate of spruce, there is an interaction between light coloration and tissue semai media on the bloom of sweet corn.

Keyword: Lamp, seed vigor, spruce,