

The Existence of *Beauveria bassiana* in the Third Generation of Corn Seedling

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Abstract : The fungus *Beauveria bassiana* can be endophytic in maize. The fungus was recovered in culture from stems, leaves and roots after a month planting. This phenomenon was shown until the third generation of the corn. The result from laboratory shows that *B. bassiana* appear in F1, F2 and F3 in order 70, 80 and 90% in the roots, 80% in the stems in all generation, 90, 80 and 70% in leaves. In CFU's ml-1 of *B. bassiana* in corn seed, show F1 was 8.9×10^6 , F2 was 8.1×10^6 and F3 was 7.8×10^6 . The research showed that *B. Bassiana* as endophyte still remain to the third generation. Innovation to the corn seed which is endophyte seed is essential to protect from the attack of corn borer and to avoid the usage of insecticide.

Keywords : endophytic, recovered, third generation, *Beauveria bassiana*

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