

The Effect of Cormel Piece Weight on Growth and Yield in Taro, *Colocasia antiquorum* var. *esculenta* ENGL.

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Abstract

In order to investigate the possibility of utilizing cormel piece as a seed corm in taro, the cormel piece classified by the weight were planted on April 30, 2000.

The effect of weight of cormels cutting by two pieces(5, 10, 15, 20, and 25g) and four pieces(10 and 15g) on the growth, yield, and quality of taro was comparing with cormel follows as:

The big cormel pieces showed better emergence rate than small cormel pieces.

The larger the size of cormel pieces was, the more number of leaves developed, and the higher the yield was.

Also the growth of small cormel pieces was normal, so we forecast that it is possible to use small cormel pieces as seed cormel in mass production of taro.