

# トリガイの育種

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## Abstract

The cockles, *Fulvia mutica*, caught in Miyazu Bay, Kunda Bay and Maizuru Bay, Kyoto prefecture, grow up nearly 10 cm of shell height that is about 1.5 times as big as cockles caught in other sea area. Individual numbers of the cockles caught in Kyoto prefecture, however, have fluctuated from 0 to 60,000 and in recent years the number is less than 10,000.

In order to increase the yield of cockle, we have established the methods for seed production and cultivation of cockle. Furthermore, we tried to develop the breeding technique of cockle. In the present study, it was cleared that the shell length and weight of whole body of F1 hybrid were significantly larger than those of inbred parents.