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Development in Pesticides for Control and Prevention of African Giant Snails, Achatina *Fulica* in Jalgaon, Dapoli Dist. Ratnagiri (M.S.)

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Abstract: In the present study the occurrence of the Giant African snail, Achatina fulica reported from Jalgaon, Dapoli District Ratnagiri (M.S), India in various field during rainy season but their occurrence is throughout the year. Due to hibernation, these are not much active as compared to rainy season. According to native people of the area, severe plant and vegetable loss was not only due to infestation but also due to the stinking smell of the mucus layer in wetland dry conditions released by the Giant African snail, Achatina fulica different plants. The pest, also classified as a large-scale invader, has been known to be difficult to exterminate without harming nearby organisms as well as ecosystems. Hence, there should be a proper method of control measure of this pest. The following article describes possible methods of control measures researched since ages chemical as well as non-chemical. Even though a lot were proven to be unsuccessful, some methods do play an important role in the extermination is a lot more effective than the chemicals introduced which have a possibility of getting washed away due to rains or other possible circumstances. This article mainly focuses on discussing previously studied control methods and defining the criteria needed to develop a suitable pesticide.

Keywords: Achatina fulica, Pesticides, Eco-Friendly, Poison Baits, Cost-Friendly, etc.

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