

**Mice Trap Modification (*Rattus rattus diardi*) By Utilizing Several Bait In
Semi Modern Grain Warehouse**

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ABSTRACT

The Final Project Report (TA) entitled "Modification of Mouse Traps (*Rattus rattus diardi*) Using Multiple Bait in Semi Modern Grain Warehouses" aims to determine the effectiveness level of the use of traps that have been modified and the effectiveness of the type of bait used during the rat trapping period. The benefit of this research is that it can determine whether the modification of traps and the provision of several types of bait has an effect on the process of trapping mice and controlling rat pests in the grain warehouse. The observation parameters consisted of the identification of mice which included total body length (total length = TL), tail length (tail length), attack intensity. The results of the observation and the f test showed that the parameters of the tail length in the 2 MSA and 4 MSA observations had a significant effect, 6 MSA and 8 MSA observations had a very significant effect. The parameters of total body length in the 2 MSA and 4 MSA observations had a significant effect, the 3 MSA and 8 MSA observations had a very significant effect. The intensity of the attack obtained in the first observation the level of damage was 56.67%, the second observation was 50%, the third observation was 50%, and the fourth observation was 30%.

Keywords : Rat pests (*Rattus rattus diardi*), Trap Modification, Bait Modification