

## Food Preference of Monomorium Destructor

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**Abstract :** Monomorium destructor or Singapore ant is one of the common household pests. It causes nuisance and damage to household. Due to the fact that there are many queens in one colony (polygyny), so this ant can quickly increase its population in a short time in the urban environment. This study has been conducted at Faculty of Science, Chulalongkorn University in the field condition. Ant food preference was conducted for 3 replicates per month by using six food choices including 20% sucrose solution, 20% sucrose agar, pork liver, smashed pork liver, pork fat and lard. The number of ants of each bait choice was counted and the orders of ant accessing baits were also recorded. The results showed that the 20% sucrose agar was the most attractive significantly following by pork liver and pork fat. The ants also most accessed to the pork liver bait choice in the first place. It can be suggested that the ant control by baiting should consist of mixture of carbohydrate, protein and lipid in solid form with suitable ratios.

**Keywords :** baits, food preference, monomorium destructor, Singapore ant

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