**Abstract**

**Title: Using organic fertilizers for home garden**

**Introduction:** Nowadays farmers have to spend more money for fertilizers and insecticides as they are very expensive. Therefore, organic fertilizers and insecticides can be use as solution for reduce farming expenses.

**Objective:**

To reduce cost used for chemical fertilizers and insecticides.

To introduce low cost organic fertilizers and organic insecticides.

**Research Methodology:**

Farmer Name: Y.M. Prema

Location: No:76, Bope Road, Bope, Galle.

Farming Details: Use of organic fertilizers and organic insecticides for home Garden.

**Results:**

Red onion, garlic and big onion waste are put in water and left to stagnate for about a week. This mixture should be stirred daily. After a week, this mixture can be filtered and mixed with water or soap water and the resulting mixture can be used as an insecticide. It is more effective to spray it after 3 pm or around 6 am.

Cow dung is dissolved in water and wild sunflower leaves (*Helianthus annuus*) and Gliricidia leaves (Gliricidia sepium) are mixed with it, then stirred well and left for about a month. The mixture should be stirred daily. The resulting mixture can be mixed with water at a ratio of 1:10 and can be used as a good nitrogenous fertilizer by putting it around the roots of the plant.

**Conclusion:**

Nowadays, agrochemical fertilizers and pesticides are expensive, so farmers have to face great difficulties. Therefore, if organic fertilizers and insecticides are made at home, it will be a great help for small scale farmers.