**“DASA PATHRA KASAAYA” SUCCESSFUL NATURAL PESTICIDAL LIQUID**

**R.G.G. Rathnathilaka, Mr. Wijesiri**

Faculty of Agricultural Sciences, Sabaragamuwa University of Sri Lanka

[gaganathara97@gmail.com](mailto:gaganathara97@gmail.com)

**Abstract**

**Introduction:** I have interviewed Mr. Wijesiri, a successful farmer who lives in Beruwala area for this study. Among many cultural practices, I identified very effective, natural pesticidal liquid called “Dasa Pathra Kasaaya” made from the insect repellent leaf juice.

**Objective:** To evaluate this natural pesticidal liquid effectiveness, safety, and environmental impact in comparison to synthetic pesticides.

**Methodology:** Ten repellent plant leaves used to prepare this pesticidal liquid. Cinnamon*,* Lantana*,* Marigold*,* Keppetiya*,* Bitter Guard*,* Neem*,* Thulsi*,* Soursop*,* Adathoda*,* Aloe vera*.* In this preparing process, repellent plants leaves were cut into small pieces. Then small pieces were crushed. After that leaf juice was extracted. Finally dilute the extracted liquid with water, Also Mr. Wijesiri demonstrate how to apply prepared solution onto his crops.

**Key Findings:** Compared to synthetic pesticides, this product have been shown to be equally effective in controlling pests, but without the negative side effects.

**Conclusion:** “Dasa Pathra Kasaaya” is a natural pesticidal liquid that effectively controls pests & disease carriers without causing harm to the environment or human health. This type of pesticides is gaining popularity due to the growing concern about the negative impacts of synthetic pesticides on the environment and human health. The successful natural pesticidal liquid is a sustainable solution for farmers and gardeners who want to protect their crops while minimizing their impact on the environment.

**Key words:** Dasa Pathra Kasaaya , Natural pesticidal liquid , Disease carriers, Insect repellent plant