**Abstract**

Introduction

**“Dasa Pathra Kasaaya**” is a successful natural **pesticidal liquid** made from the leaf juice of **insect repellent plants** found in the natural environment.

Objective

This natural pesticidal liquid used to control various **pests** and **disease carriers**.

Methodology

A farmer living in Beruwala area was selected by me for this “***Innovation + 2023*”**. Farmer name is Mr. Wijesiri. The many cultural practices were done by him. Among them I learned new natural pesticidal liquid made from the leaf juice. Firstly, Repellent plants were introduced by farmer one by one. There were ten repellent plant leaves.

1. Cinnamon *(Cinnamomum verum)*
2. Lantana *(Lantana Camara)*
3. Marigold *(Tagetes erecta)*
4. Keppetiya *(Croton laccifer)*
5. Bitter Guard *(Momordica charantia)*
6. Neem *( Azadirachta indica)*
7. Thulsi *(Ocimum tenuiflorum)*
8. Soursop *(Annona muricata)*
9. Adathoda *(Justicia adhathoda)*
10. Aloe vera *( Aloe vera)*

The repellent plants leaves were cut into small pieces. Then small pieces were crushed using mortar and grinder. Then leaf juice was extracted. After diluting extracted liquid with water farmer sprayed prepared “Dasa Pathra Kasaaya” onto his crops.

Result

The crops were protected from insects and pests. This insect repellent liquid is environment friendly.

Conclusion

Natural pesticide biodegradable, barely leave residues in the soil and are less likely to harm humans or animals**.** This natural organic pesticide method was most suitable for small scale farmers. This is an insect repellent liquid that can be used in any area.