

Effective Pest Treatment That Protects Pollinators

https://github.com/shivanikuckreja/CitrolaKuckrejaSaltman_ENV872_EDA_FinalProject/tree/main/Project

Sam Saltman, Shivani Kuckreja, Jessica Citrola

Contents

1	Rationale and Research Questions	5
2	Dataset Information	6
3	Exploratory Analysis	7
4	Analysis	8
4.1	Question 1: Is there an exposure type that has less impact on bees than non-bee insects?	8
4.2	Question 2: Are there chemicals that have a high mortality rate for non-bee insects and low rate for bees?	8
5	Summary and Conclusions	9
6	References	10

List of Tables

List of Figures

1 Rationale and Research Questions

Pollination is a critical component of agriculture. Honeybees are important pollinators. Our research looks to see if there are exposure methods and chemicals that do not cause significant harm to honeybees while eliminating pests. The goal of our research is to determine potential treatment methods that reduce pests while having little to no impact on pollinators.

Questions

1. *Is there an exposure type that has less impact on bees than non-bee insects?*
2. *Are there chemicals that have a high mortality rate for non-bee insects and low rate for bees?*

2 Dataset Information

3 Exploratory Analysis

4 Analysis

- 4.1 Question 1: Is there an exposure type that has less impact on bees than non-bee insects?
- 4.2 Question 2: Are there chemicals that have a high mortality rate for non-bee insects and low rate for bees?

5 Summary and Conclusions

6 References

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