

# Do Hummingbirds Really Prefer The Color Red Over Others?



# Big Question

Do hummingbirds really have a preference for the color red?

This will benefit people because they can attract more hummingbirds to their yard.

# Research

- It seems that hummingbirds are most attracted to red.
- They are also highly attracted to pink, orange, yellow and purple.
- The color of nectar does not have an effect on how much a hummingbird will drink it.
- The color of the bird feeder is what will attract the birds
- Only a part of the feeder needs to be a preferred color.

I found my research at [bobvilla.com](http://bobvilla.com)

# Hypothesis

Based on the research my hypothesis is that the red colored feeder will be the most used by the hummingbirds.

# Materials

## Colored Paint

To paint bird feeders

## Paint Brushes

To paint bird feeders

## Hummingbird Feeders

To put sugar water in

## Sugar and Water

To put in bird feeder for birds to drink

## Paper and Pencil

To record research

## Hooks

To hang bird feeders

## Camera

To record data over time

## Measuring Cup

To measure the sugar and water



# Procedure

Step 1: Use your paint and paint brushes to paint the hummingbird feeders, each a different color.

Step 2: Mix sugar and water together in a measuring cup. Put one part sugar and four parts water.

Step 3: Pour the same amount of sugar water into each of the hummingbird feeders.

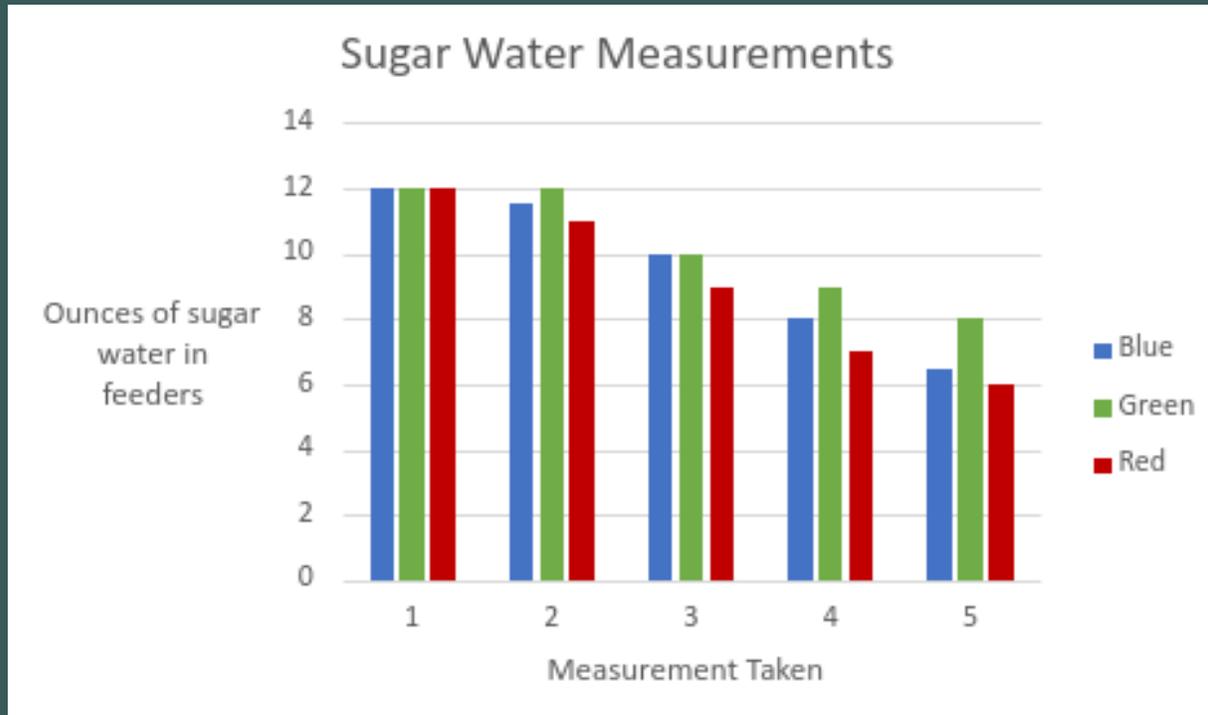
Step 4: Place the hummingbird feeders on hooks on a tree, all next to each other.

Step 5: Check the hummingbird feeders daily and record your data. Take pictures of what you observe. Do this each day, for 5 days.

Step 6: After you have recorded your data then chart it and see which colored hummingbird feeder was used the most.



# Results and Data



- The hummingbirds did drink out of all three colors
- They drank the most from the red feeder
- They drank almost as out of the blue feeder as the red feeder
- They drank the least amount from the green feeder

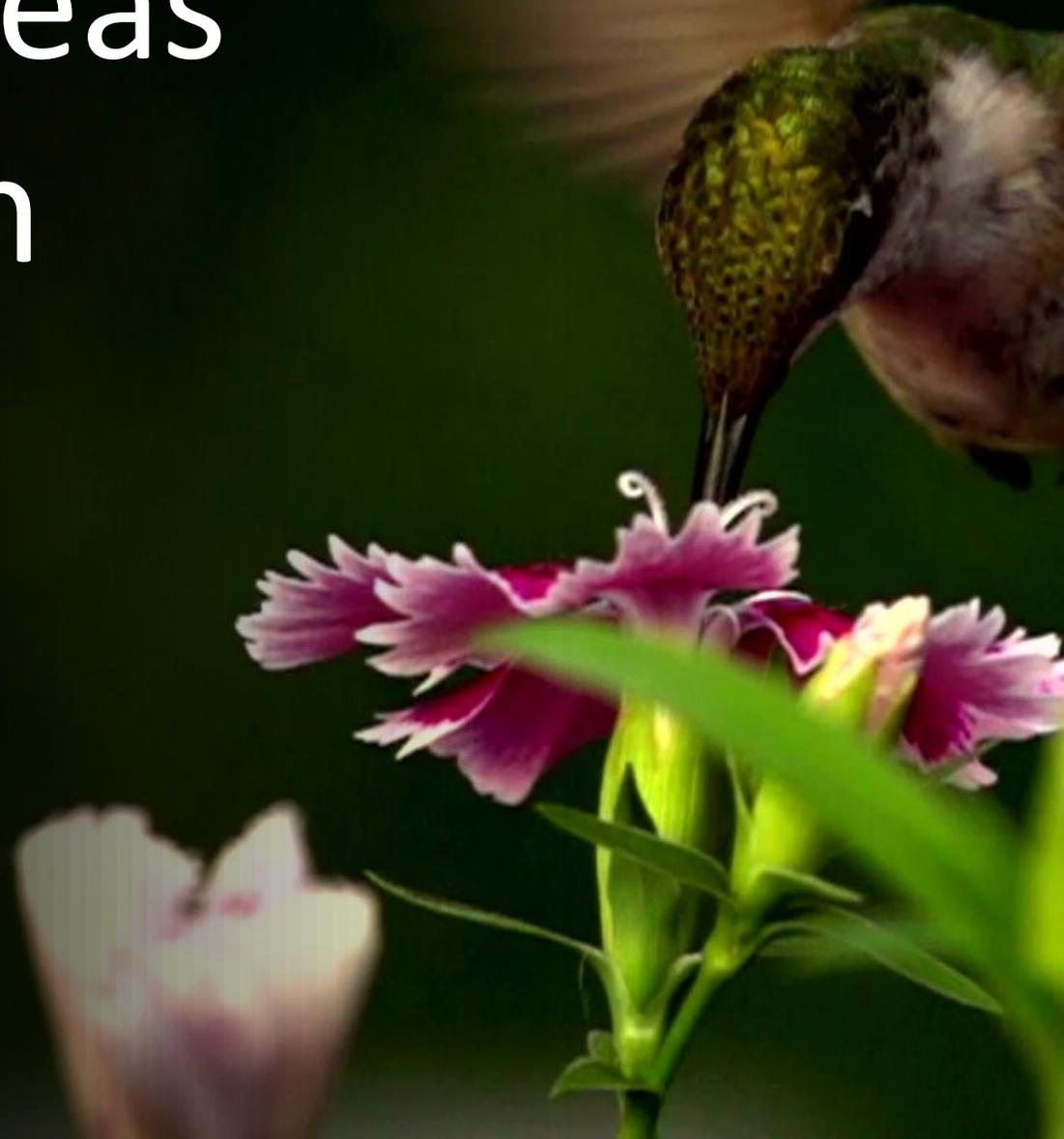
# Conclusion

My conclusion is the hummingbirds do like red the most. However, they will drink from other colors as well. They drank almost as much from the blue as the red. There were some uncontrolled variables. One thing is that I had all of the feeders next to each other. I don't know if they only used the blue and the green because they were so close to the red. Based on the data that I did collect, my hypothesis that they would prefer the red was correct. The research I found suggested that red would be the favorite, but I didn't find anything that suggested they would like blue so much.



# Implications and Ideas for Future Research

- This information would help people if they want to attract more hummingbirds to their yard. If I were to try this experiment again, I would try to control more of the variables.



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