



**CALIFORNIA STATE SCIENCE FAIR  
2011 PROJECT SUMMARY**

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| <b>Name(s)</b><br><b>Tauna Hincker; Miranda Moog</b>  | <b>Project Number</b><br><br>31737 |
| <b>Project Title</b><br><b>Plant Damage.com</b>   |                                    |
| <p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b><br/>The goal of our project is to determine if Wifi radiation affects the growth of plants (specifically marigolds, grass, and radishes).</p> <p><b>Methods/Materials</b><br/>We set up two identical growing conditions, including same temperature, light source, and water. But then one of the location would be exposed to Wifi radiation, and the other will have no traceable Wifi in the air. We will then track the growth of the two plants will compare them.</p> <p><b>Results</b><br/>We found that the Wifi did affect the growth of the plants. It stunted the growth of the marigolds significantly, and the others a little bit too. Although we then did a paired T test and found that the differences were not significant.</p> <p><b>Conclusions/Discussion</b><br/>We were very fascinated by our topic, and although we didn't have enough time to do our experiment this year, we would definably like to further our research in the future. And also what it does to humans, to see if it effects plants and humans the same.</p> |                                    |
| <b>Summary Statement</b><br>Our project is to test if Wifi radiation affects the growth of plants, specifcically marigolds, grass, and radishes.  |                                    |
| <b>Help Received</b><br>Our science teacher Erin helped proofread.  |                                    |