

Madison Thompson

*The Effects of Sequestering Carbon Dioxide on C3, C4 and CAM Plants*

The purposes of my project were to see if the input of additional Carbon Dioxide would affect the growth of C3, C4, and CAM Plants, and to see if powdered limestone would neutralize the mixture of carbonic acid. My hypotheses were that the plants with the additional carbon Dioxide would grow more in length than those without, and that the addition of powdered limestone would neutralize the effects of the mixture of carbonic acid. To test this, I used three different types of plants, wheat, corn, and Christmas cacti. I used two of each plant one for the control and one for the additional input of carbon Dioxide. I then injected Carbon Dioxide into them. In my results, I proved my hypotheses correct.