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|  | Graphs of the data from different pressures, gasses and the 0 psig controls all showed relatively the same shaped curve. Only the Carbon Dioxide graphs at higher pressures had a decrease in pressure over the first day or two. This is due to the gas compressing in the honey-water mixture.  *Saccharomyces cerevisiae - Harvard University*  To adjust the pressure and allow the Carbon Dioxide cans to be more accurately compared with the nitrogen cans, we used Carbon Dioxide controls at 70 and 135 psig with no yeast in them. These controls indicated how much the pressure dropped and we readjusted the starting pressures for the Carbon Dioxide cans based on these lower numbers. For example, if the Carbon Dioxide control at 135 psig dropped ten psig overnight, then the Carbon Dioxide can’s initial pressure would be subtracted by ten to compensate for the carbon dioxide compressing.  After the adjustments were made to the carbon dioxide cans, they could be directly compared to the nitrogen cans with graphs and by taking averages of the changes in pressure after a certain number of days for each pressure level and each gas  This Page is Best Viewed with Thousands of Colors  For More Information about these Projects, Please Contact [Eric Thiel.](mailto:ethiel@pleasanton.k12.ca.us) |