

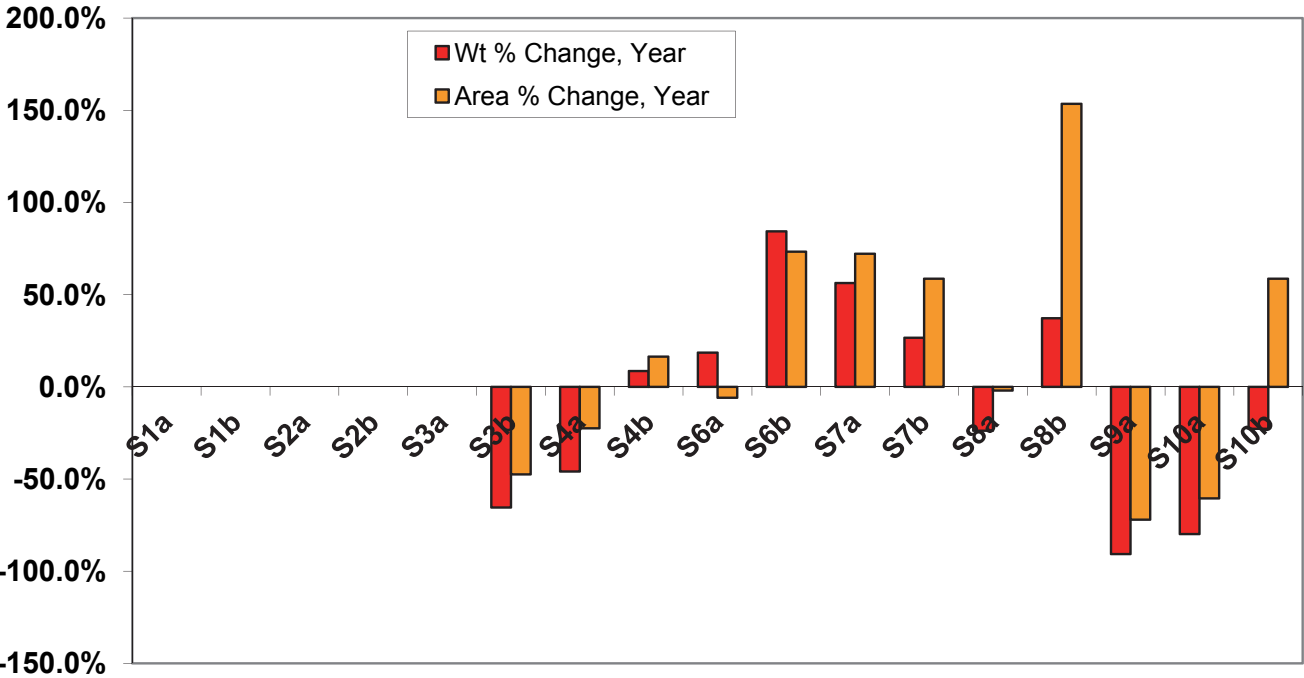
Mycalc Growth data (g wet wt.)

| Sponge I. D. | Date     | Weighing    | Wt in g<br>Start | Wt in g<br>4th Quarter | Change<br>Year | % Change<br>Year | Area cm2<br>Start | Area cm3<br>1st Quarter | Change<br>Year | % Change<br>Year |
|--------------|----------|-------------|------------------|------------------------|----------------|------------------|-------------------|-------------------------|----------------|------------------|
| S1a          | 03/11/05 | 1           | 2.630            | Missing                |                |                  | 54.49             | 42.94                   |                |                  |
|              | 03/11/05 | 2           | 2.830            | Missing                |                |                  | 53.51             | 41.30                   |                |                  |
|              | 03/11/05 | <b>Mean</b> | <b>2.730</b>     | <b>Missing</b>         |                |                  | <b>54.49</b>      | <b>42.12</b>            |                |                  |
| S1b          | 03/11/05 | 1           | 5.204            | Missing                |                |                  | 45.89             | 38.66                   |                |                  |
|              | 03/11/05 | 2           | 5.217            | Missing                |                |                  | 45.71             | 38.47                   |                |                  |
|              | 03/11/05 | <b>Mean</b> | <b>5.211</b>     | <b>Missing</b>         |                |                  | <b>45.80</b>      | <b>38.57</b>            |                |                  |
| S2a          | 03/11/05 | 1           | 4.888            | Missing                |                |                  | 62.41             | 24.46                   |                |                  |
|              | 03/11/05 | 2           | 4.896            | Missing                |                |                  | 62.67             | 24.25                   |                |                  |
|              | 03/11/05 | <b>Mean</b> | <b>4.892</b>     | <b>Missing</b>         |                |                  | <b>62.54</b>      | <b>24.36</b>            |                |                  |
| S2b          | 03/11/05 | 1           | 3.160            | Missing                |                |                  | 53.58             | 31.25                   |                |                  |
|              | 03/11/05 | 2           | 3.163            | Missing                |                |                  | 54.47             | 31.63                   |                |                  |
|              | 03/11/05 | <b>Mean</b> | <b>3.162</b>     | <b>Missing</b>         |                |                  | <b>54.03</b>      | <b>31.44</b>            |                |                  |
| S3a          | 03/11/05 | 1           | 4.727            | Missing                |                |                  | 47.90             | 24.05                   |                |                  |
|              | 03/11/05 | 2           | 4.767            | Missing                |                |                  | 47.86             | 24.13                   |                |                  |
|              | 03/11/05 | <b>Mean</b> | <b>4.747</b>     | <b>Missing</b>         |                |                  | <b>47.88</b>      | <b>24.09</b>            |                |                  |
| S3b          | 03/11/05 | 1           | 3.585            | 1.236                  |                |                  | 42.89             | 38.81                   |                |                  |
|              | 03/11/05 | 2           | 3.565            | 1.235                  |                |                  | 42.81             | 34.53                   |                |                  |
|              | 03/11/05 | <b>Mean</b> | <b>3.575</b>     | <b>1.236</b>           | <b>-2.340</b>  | <b>-65.4%</b>    | <b>42.85</b>      | <b>36.67</b>            | <b>-6.180</b>  | <b>-14.4%</b>    |
| S4a          | 03/11/05 | 1           | 3.093            | 1.675                  |                |                  | 38.20             | 29.45                   |                |                  |
|              | 03/11/05 | 2           | 3.107            | 1.677                  |                |                  | 38.05             | 29.38                   |                |                  |
|              | 03/11/05 | <b>Mean</b> | <b>3.100</b>     | <b>1.676</b>           | <b>-1.424</b>  | <b>-45.9%</b>    | <b>38.13</b>      | <b>29.42</b>            | <b>-8.710</b>  | <b>-22.8%</b>    |
| S4b          | 03/11/05 | 1           | 2.800            | 3.045                  |                |                  | 36.90             | 25.40                   |                |                  |
|              | 03/11/05 | 2           | 2.808            | 3.046                  |                |                  | 37.16             | 25.50                   |                |                  |
|              | 03/11/05 | <b>Mean</b> | <b>2.804</b>     | <b>3.046</b>           | <b>0.242</b>   | <b>8.6%</b>      | <b>37.03</b>      | <b>25.45</b>            | <b>-11.580</b> | <b>-31.3%</b>    |
| S5a          | 03/11/05 | 1           | 2.363            | Missing                |                |                  | 55.67             | Missing                 |                |                  |
|              | 03/11/05 | 2           | 2.369            | Missing                |                |                  | 55.56             | Missing                 |                |                  |
|              | 03/11/05 | <b>Mean</b> | <b>2.366</b>     | Missing                |                |                  | <b>55.62</b>      | Missing                 |                |                  |
| S5b          | 03/11/05 | 1           | 3.063            | Missing                |                |                  | 44.88             | Missing                 |                |                  |
|              | 03/11/05 | 2           | 3.073            | Missing                |                |                  | 44.74             | Missing                 |                |                  |
|              | 03/11/05 | <b>Mean</b> | <b>3.068</b>     | Missing                |                |                  | <b>44.81</b>      | Missing                 |                |                  |
| S6a          | 03/11/05 | 1           | 3.210            | 3.806                  |                |                  | 49.28             | 45.56                   |                |                  |
|              | 03/11/05 | 2           | 3.208            | 3.801                  |                |                  | 49.28             | 45.83                   |                |                  |
|              | 03/11/05 | <b>Mean</b> | <b>3.209</b>     | <b>3.804</b>           | <b>0.595</b>   | <b>18.5%</b>     | <b>49.28</b>      | <b>45.70</b>            | <b>-3.585</b>  | <b>-7.3%</b>     |
| S6b          | 03/11/05 | 1           | 2.342            | 4.331                  |                |                  | 39.67             | 45.560                  |                |                  |
|              | 03/11/05 | 2           | 2.354            | 4.325                  |                |                  | 39.69             | 45.830                  |                |                  |
|              | 03/11/05 | <b>Mean</b> | <b>2.348</b>     | <b>4.328</b>           | <b>1.980</b>   | <b>84.3%</b>     | <b>39.68</b>      | <b>45.70</b>            | <b>6.015</b>   | <b>15.2%</b>     |

|      |          |             |              |                |               |               |              |              |                |               |
|------|----------|-------------|--------------|----------------|---------------|---------------|--------------|--------------|----------------|---------------|
| S7a  | 03/11/05 | 1           | 3.928        | 6.139          |               |               | 53.60        | 35.39        |                |               |
|      | 03/11/05 | 2           | 3.929        | 6.143          |               |               | 53.36        | 35.50        |                |               |
|      | 03/11/05 | <b>Mean</b> | <b>3.929</b> | <b>6.141</b>   | <b>2.213</b>  | <b>56.3%</b>  | <b>53.48</b> | <b>35.45</b> | <b>-18.035</b> | <b>-33.7%</b> |
| S7b  | 03/11/05 | 1           | 2.758        | 3.498          |               |               | 50.22        | 28.40        |                |               |
|      | 03/11/05 | 2           | 2.768        | 3.500          |               |               | 50.37        | 28.31        |                |               |
|      | 03/11/05 | <b>Mean</b> | <b>2.763</b> | <b>3.499</b>   | <b>0.736</b>  | <b>26.6%</b>  | <b>50.30</b> | <b>28.36</b> | <b>-21.940</b> | <b>-43.6%</b> |
| S8a  | 03/11/05 | 1           | 1.690        | 1.291          |               |               | 44.99        | 24.89        |                |               |
|      | 03/11/05 | 2           | 1.703        | 1.295          |               |               | 44.95        | 28.31        |                |               |
|      | 03/11/05 | <b>Mean</b> | <b>1.697</b> | <b>1.293</b>   | <b>-0.404</b> | <b>-23.8%</b> | <b>44.97</b> | <b>26.60</b> | <b>-18.370</b> | <b>-40.8%</b> |
| S8b  | 03/11/05 | 1           | 2.826        | 3.880          |               |               | 31.30        | 21.95        |                |               |
|      | 03/11/05 | 2           | 2.834        | 3.888          |               |               | 31.38        | 22.05        |                |               |
|      | 03/11/05 | <b>Mean</b> | <b>2.830</b> | <b>3.884</b>   | <b>1.054</b>  | <b>37.2%</b>  | <b>31.34</b> | <b>22.00</b> | <b>-9.340</b>  | <b>-29.8%</b> |
| S9a  | 03/11/05 | 1           | 2.408        | 0.223          |               |               | 40.28        | 29.00        |                |               |
|      | 03/11/05 | 2           | 2.413        | 0.225          |               |               | 40.36        | 28.82        |                |               |
|      | 03/11/05 | <b>Mean</b> | <b>2.411</b> | <b>0.224</b>   | <b>-2.187</b> | <b>-90.7%</b> | <b>40.32</b> | <b>28.91</b> | <b>-11.410</b> | <b>-28.3%</b> |
| S9b  | 03/11/05 | 1           | 1.485        | Missing        |               |               | 35.23        | 20.10        |                |               |
|      | 03/11/05 | 2           | 1.484        | Missing        |               |               | 34.96        | 20.12        |                |               |
|      | 03/11/05 | <b>Mean</b> | <b>1.485</b> | <b>Missing</b> |               |               | <b>35.10</b> | <b>20.11</b> |                |               |
| S10a | 03/11/05 | 1           | 2.318        | 0.467          |               |               | 39.19        | 29.47        |                |               |
|      | 03/11/05 | 2           | 2.314        | 0.464          |               |               | 39.00        | 29.49        |                |               |
|      | 03/11/05 | <b>Mean</b> | <b>2.316</b> | <b>0.466</b>   | <b>-1.851</b> | <b>-79.9%</b> | <b>39.10</b> | <b>29.48</b> | <b>-9.615</b>  | <b>-24.6%</b> |
| S10b | 03/11/05 | 1           | 2.720        | 2.106          |               |               | 58.95        | 29.75        |                |               |
|      | 03/11/05 | 2           | 2.725        | 2.101          |               |               | 59.06        | 30.35        |                |               |
|      | 03/11/05 | <b>Mean</b> | <b>2.723</b> | <b>2.104</b>   | <b>-0.619</b> | <b>-22.7%</b> | <b>59.01</b> | <b>30.05</b> | <b>-28.955</b> | <b>-49.1%</b> |

| Sponge I. D. | Wt in g<br>Start | Wt in g<br>4th Quarter | Wt Change<br>Year | Wt % Chang<br>4th Quarter | Area cm3<br>1st Quarter | Area cm3<br>4th Quarter | Area Change<br>Year | Area % Change<br>Year | Sponge I. D. | Wt % Chang<br>Year |
|--------------|------------------|------------------------|-------------------|---------------------------|-------------------------|-------------------------|---------------------|-----------------------|--------------|--------------------|
| <b>S1a</b>   | 2.730            |                        |                   |                           | 42.120                  |                         |                     |                       | S1a          |                    |
| <b>S1b</b>   | 5.211            |                        |                   |                           | 38.565                  |                         |                     |                       | S1b          |                    |
| <b>S2a</b>   | 4.892            |                        |                   |                           | 24.355                  |                         |                     |                       | S2a          |                    |
| <b>S2b</b>   | 3.162            |                        |                   |                           | 31.440                  |                         |                     |                       | S2b          |                    |
| <b>S3a</b>   | 4.747            |                        |                   |                           | 24.090                  |                         |                     |                       | S3a          |                    |
| <b>S3b</b>   | 3.575            | 1.236                  | -2.340            | <b>-65.4%</b>             | 36.670                  | 19.265                  | -17.405             | <b>-47.5%</b>         | S3b          | -65.4%             |
| <b>S4a</b>   | 3.100            | 1.676                  | -1.424            | <b>-45.9%</b>             | 29.415                  | 22.795                  | -6.620              | <b>-22.5%</b>         | S4a          | -45.9%             |
| <b>S4b</b>   | 2.804            | 3.046                  | 0.242             | <b>8.6%</b>               | 25.450                  | 29.630                  | 4.180               | <b>16.4%</b>          | S4b          | 8.6%               |

|      |       |       |        |        |        |        |         |        |      |        |
|------|-------|-------|--------|--------|--------|--------|---------|--------|------|--------|
| S6a  | 3.209 | 3.804 | 0.595  | 18.5%  | 45.695 | 42.980 | -2.715  | -5.9%  | S6a  | 18.5%  |
| S6b  | 2.348 | 4.328 | 1.980  | 84.3%  | 39.070 | 67.725 | 28.655  | 73.3%  | S6b  | 84.3%  |
| S7a  | 3.929 | 6.141 | 2.213  | 56.3%  | 35.450 | 61.035 | 25.585  | 72.2%  | S7a  | 56.3%  |
| S7b  | 2.763 | 3.499 | 0.736  | 26.6%  | 28.355 | 44.980 | 16.625  | 58.6%  | S7b  | 26.6%  |
| S8a  | 1.697 | 1.293 | -0.404 | -23.8% | 24.790 | 24.300 | -0.490  | -2.0%  | S8a  | -23.8% |
| S8b  | 2.830 | 3.884 | 1.054  | 37.2%  | 22.00  | 55.770 | 33.770  | 153.5% | S8b  | 37.2%  |
| S9a  | 2.411 | 0.224 | -2.187 | -90.7% | 18.91  | 5.280  | -13.630 | -72.1% | S9a  | -90.7% |
| S9b  | 1.485 |       |        |        | 20.11  |        |         |        | S10a | -79.9% |
| S10a | 2.316 | 0.466 | -1.851 | -79.9% | 29.48  | 11.640 | -17.840 | -60.5% | S10b | -22.7% |
| S10b | 2.723 | 2.104 | -0.619 | -22.7% | 30.05  | 32.095 | 2.045   | 58.6%  | S9b  |        |
|      |       |       | 6+ 6-  | -8.1%  |        |        | 6+ 6-   | 18.5%  |      |        |

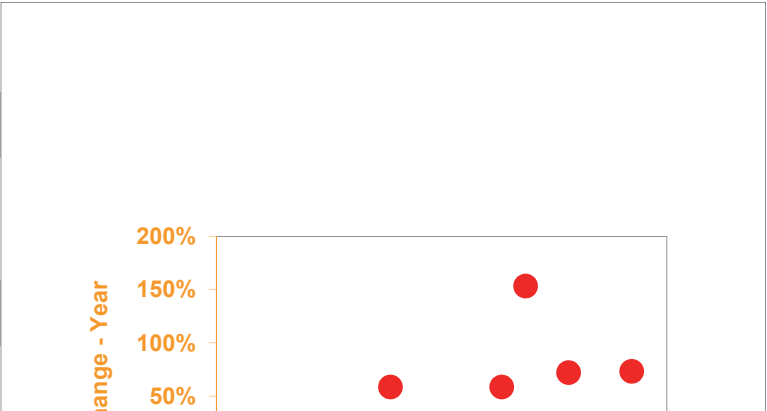


SUMMARY (

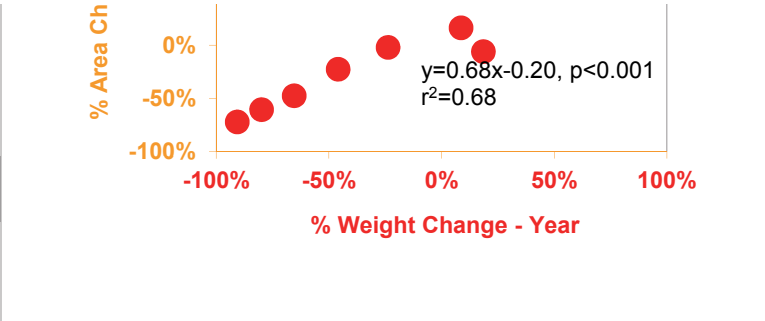
|                   |
|-------------------|
| Regression        |
| Multiple R        |
| R Square          |
| Adjusted R Square |
| Standard Error    |
| Observation:      |
| ANOVA             |
| Regression        |
| Residual          |
| Total             |
| Intercept         |
| X Variable 1      |



| rea % Change,<br>Year |  |
|-----------------------|--|
|                       |  |
|                       |  |
|                       |  |
|                       |  |
|                       |  |
|                       |  |
|                       |  |
| -47.5%                |  |
| -22.5%                |  |
| 16.4%                 |  |



|        |  |
|--------|--|
| -5.9%  |  |
| 73.3%  |  |
| 72.2%  |  |
| 58.6%  |  |
| -2.0%  |  |
| 153.5% |  |
| -72.1% |  |
| -60.5% |  |
| 58.6%  |  |



OUTPUT

| Statistics |
|------------|
| 0.8228404  |
| 0.6770663  |
| 0.644773   |
| 0.3318566  |
| 12         |

| df | SS        | MS        | F         | ignificance F |
|----|-----------|-----------|-----------|---------------|
| 1  | 2.3089732 | 2.3089732 | 20.966113 | 0.001012      |
| 10 | 1.1012882 | 0.1101288 |           |               |
| 11 | 3.4102613 |           |           |               |

| Coefficients | Standard Error | t Stat     | P-value   | Lower 95% | Upper 95% | ower 95.0% | pper 95.0% |
|--------------|----------------|------------|-----------|-----------|-----------|------------|------------|
| -0.2080321   | 0.0997534      | -2.0854642 | 0.0636117 | -0.4303   | 0.014232  | -0.4303    | 0.014232   |
| 0.6876051    | 0.1501689      | 4.5788768  | 0.0010124 | 0.353008  | 1.022202  | 0.353008   | 1.022202   |