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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Time Zero** | | **10 min.** | | **20 min.** | | **30 min.** | |
| **pH** | Mean  (AU600) | SD | Mean  (AU600) | SD | Mean  (AU600) | SD | Mean  (AU600) | SD |
| **5** | 0.402 | 0.0044 | 0.299 | 0.0087 | 0.227 | 0.0104 | 0.191 | 0.0116 |
| **7** | 0.408 | 0.0021 | 0.297 | 0.0052 | 0.191 | 0.0055 | 0.146 | 0.0006 |
| **9** | 0.434 | 0.0131 | 0.381 | 0.0025 | 0.312 | 0.0133 | 0.282 | 0.0121 |
| **11** | 0.436 | 0.0085 | 0.393 | 0.0044 | 0.311 | 0.0039 | 0.274 | 0.0046 |

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|  | **10 min.** | | | **20 min.** | | | **30 min.** | | |
| **pH** | Mean  % Change | SD | p-value | Mean  % Change | SD | p-value | Mean  % Change | SD | p-value |
| **9** | 12.3 | 2.17 | 0.295 | 28.1 | 2.61 | 0.793 | 35.1 | 2.97 | 0.549 |
| **11** | 10.6 | 0.90 | 28.7 | 1.21 | 37.1 | 1.61 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Wt. of Control  Caterpillars (n=4) | | Wt. Change  from Day Zero | | Wt. of AzaGard Treated  Caterpillars (n=4) | | Wt. Change  from Day Zero | |
| Day | Mean (g) | S.D. | Mean | S.D. | Mean (g) | S.D. | Mean | S.D. |
| Zero | 4.09 | 0.86 | -- | -- | 4.08 | 1.63 | -- | -- |
| 1 | 5.92 | 1.11 | 0.45 | 0.07 | 5.61 | 1.84 | 0.41 | 0.18 |
| 2 | 7.33 | 0.99 | 0.82 | 0.21 | 6.19 | 1.80 | 0.57 | 0.25 |
| 3 | 8.95 | 0.89 | 1.26 | 0.46 | 6.28 | 1.84 | 0.60 | 0.34 |
| 4 | 8.05 | 1.49 | 1.06 | 0.65 | 6.07 | 1.78 | 0.57 | 0.41 |
| 5 | 6.43 | 1.51 | 0.65 | 0.63 | 5.81 | 1.54 | 0.51 | 0.39 |
| 6 | 5.64 | 1.08 | 0.44 | 0.50 | 5.28 | 1.13 | 0.38 | 0.33 |
| 7 | 5.11 | 0.66 | 0.29 | 0.33 | 4.72 | 0.85 | 0.23 | 0.26 |
| 8 | 5.01 | 0.66 | 0.27 | 0.35 | 4.54 | 0.75 | 0.19 | 0.26 |
| Break | -- | -- | -- | -- | -- | -- | -- | -- |
| 12 | 4.66 | 0.43 | 0.18 | 0.29 | 3.99 | 0.86 | 0.04 | 0.22 |
| 13 | 4.63 | 0.36 | 0.17 | 0.27 | 3.90 | 0.83 | 0.01 | 0.21 |
| 14 | 4.56 | 0.30 | 0.15 | 0.25 | 3.76 | 0.80 | -0.02 | 0.21 |

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|  | | | | | |
| **East Campus** | | | **West Campus** | | |
| 179 | 171 | 166 | 167 | 165 | 167 |
| 182 | 163 | 160 | 169 | 182 | 168 |
| 152 | 173 | 172 | 160 | 177 | 191 |
| 170 | 166 | 164 | 168 | 167 | 173 |
| 166 | 165 | 184 | 174 | 168 | 185 |
| 165 | 171 | 158 | 181 | 169 | 170 |
| 173 | 171 | 181 | 181 | 179 | 182 |
| 174 | 156 | 173 | 170 | 166 | 163 |
| 171 | 181 | 162 | 169 | 176 | 182 |
| 172 | 157 | 169 | 172 | 177 | 177 |
| 160 | 162 | 169 | 176 | 171 | 169 |
| 161 | 163 | 160 | 171 | 172 | 168 |
| 178 | 158 | 177 | 180 | 179 | 177 |
| 172 | 167 | 177 | 172 | 173 | 187 |
| 166 | 185 | 165 | 155 | 183 | 169 |
| 155 | 162 | 168 | 175 | 168 | 172 |
| 177 | 187 |  | 165 | 170 |  |

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| **Student** | **East**  **(yr 1)** | **West**  **(yr 4)** | **Student** | **East**  **(yr 1)** | **West**  **(yr 4)** | **Student** | **East**  **(yr 1)** | **West**  **(yr 4)** |
| *1* | 177 | 179 | *18* | 165 | 169 | *35* | 171 | 173 |
| *2* | 169 | 172 | *19* | 166 | 170 | *36* | 166 | 169 |
| *3* | 160 | 165 | *20* | 173 | 177 | *37* | 172 | 176 |
| *4* | 185 | 187 | *21* | 171 | 175 | *38* | 152 | 157 |
| *5* | 169 | 172 | *22* | 166 | 170 | *39* | 156 | 155 |
| *6* | 173 | 177 | *23* | 164 | 168 | *40* | 177 | 181 |
| *7* | 155 | 155 | *24* | 167 | 171 | *41* | 158 | 163 |
| *8* | 184 | 185 | *25* | 181 | 182 | *42* | 172 | 177 |
| *9* | 162 | 168 | *26* | 165 | 169 | *43* | 168 | 171 |
| *10* | 177 | 180 | *27* | 171 | 173 | *44* | 178 | 181 |
| *11* | 160 | 164 | *28* | 187 | 191 | *45* | 182 | 183 |
| *12* | 172 | 176 | *29* | 161 | 166 | *46* | 173 | 177 |
| *13* | 179 | 182 | *30* | 171 | 172 | *47* | 160 | 165 |
| *14* | 181 | 182 | *31* | 170 | 172 | *48* | 162 | 167 |
| *15* | 158 | 159 | *32* | 174 | 179 | *49* | 163 | 168 |
| *16* | 166 | 170 | *33* | 162 | 167 | *50* | 157 | 158 |
| *17* | 165 | 169 | *34* | 163 | 168 |  |  |  |

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| **Group**  **1** | **Chol**  mg/dl | **Group**  **2** | **Chol**  mg/dl | **Group**  **3** | **Chol**  mg/dl | **Group**  **4** | **Chol**  mg/dl |
| Female omni. | 172 | Female veget. | 148 | Male omni. | 199 | Male veget. | 165 |
| Female omni. | 157 | Female veget. | 136 | Male omni. | 180 | Male veget. | 166 |
| Female omni. | 169 | Female veget. | 141 | Male omni. | 192 | Male veget. | 158 |
| Female omni. | 171 | Female veget. | 144 | Male omni. | 194 | Male veget. | 174 |
| Female omni. | 158 | Female veget. | 135 | Male omni. | 187 | Male veget. | 164 |
| Female omni. | 170 | Female veget. | 158 | Male omni. | 189 | Male veget. | 153 |
| Female omni. | 175 | Female veget. | 149 | Male omni. | 191 | Male veget. | 175 |
| Female omni. | 175 | Female veget. | 162 | Male omni. | 185 | Male veget. | 178 |
| Female omni. | 181 | Female veget. | 142 | Male omni. | 194 | Male veget. | 163 |
| Female omni. | 183 | Female veget. | 143 | Male omni. | 201 | Male veget. | 181 |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Group**  **1** | **Iron**  ug/dl | **Group**  **2** | **Iron**  ug/dl | **Group**  **3** | **Iron**  ug/dl | **Group**  **4** | **Iron**  ug/dl |
| Female omni. | 111 | Female veget. | 104 | Male omni. | 131 | Male veget. | 121 |
| Female omni. | 113 | Female veget. | 90 | Male omni. | 146 | Male veget. | 108 |
| Female omni. | 124 | Female veget. | 93 | Male omni. | 157 | Male veget. | 117 |
| Female omni. | 116 | Female veget. | 90 | Male omni. | 150 | Male veget. | 121 |
| Female omni. | 112 | Female veget. | 86 | Male omni. | 146 | Male veget. | 129 |
| Female omni. | 116 | Female veget. | 94 | Male omni. | 156 | Male veget. | 125 |
| Female omni. | 113 | Female veget. | 82 | Male omni. | 146 | Male veget. | 117 |
| Female omni. | 122 | Female veget. | 95 | Male omni. | 181 | Male veget. | 125 |
| Female omni. | 108 | Female veget. | 91 | Male omni. | 133 | Male veget. | 121 |
| Female omni. | 114 | Female veget. | 96 | Male omni. | 155 | Male veget. | 127 |