|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Saline** | **CO2** | **Normal Saline** | **Saline**  **pH 5.0** | **Normal**  **saline** | **Propionic acid** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1/2 | 1 | 2 | 4 | 1/2 | 1 | 2 | 4 | 1/2 | 1 | 2 | 4 | 1/2 | 1 | 2 | 4 | 1/2 | 1 | 2 | 4 | 1/2 | 1 | 2 | 4 |
| 1 | 5 |  |  |  | 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | - |  |  |  | - |  |  |  | - |  |  |  | - |  |  |  | - |  |  |  | - |  |  |  |
| 3 | - | - |  |  | - | - |  |  | - | - |  |  | - | - |  |  | - | - |  |  | - | - |  |  |
| 4 | - | - |  |  | - | - |  |  | - | - |  |  | - | - |  |  | - | - |  |  | - | - |  |  |
| 5 | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  |
| 6 | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  |
| 7 | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  |
| 8 | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  |

Crayfish/Crab (one table for crab above, one table for crayfish below Recall ½ sec bins. The red text are samples for the calculation

). I think most crayfish were stationary preps so pick a time during the trial to show if there is an effect or not….with the compunds.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
| 1 sec |  |  |  |  |  |  |
| 2 sec |  |  |  |  |  |  |
| 3 sec |  |  |  |  |  |  |
| 4 sec |  |  |  |  |  |  |
| 5 sec |  |  |  |  |  |  |
| 6 sec |  |  |  |  |  |  |
| 7 sec |  |  |  |  |  |  |
| 8 sec |  |  |  |  |  |  |
| 9 sec |  |  |  |  |  |  |
| 10 sec |  |  |  |  |  |  |
| Etc… |  |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Saline** | **CO2** | **Normal Saline** | **Saline**  **pH 5.0** | **Normal**  **saline** | **Propionic acid** |

**% changes** from condition before for the same movement rate ½, 1,2, 4 (say above 5 counts for ½ sec in saline and 15 counts in ½ sec for CO2)

((15-5)/5) \*100= 200% increase

You could the 2nd saline and see % change from 1st saline, as well as 3rd saline from 2nd saline

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Saline** | **CO2** | **Normal Saline** | **Saline**  **pH 5.0** | **Normal**  **saline** | **Propionic acid** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1/2 | 1 | 2 | 4 | 1/2 | 1 | 2 | 4 | 1/2 | 1 | 2 | 4 | 1/2 | 1 | 2 | 4 | 1/2 | 1 | 2 | 4 | 1/2 | 1 | 2 | 4 |
| 1 | - | - | - | - | 200 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | - | - | - | - | - |  |  |  | - |  |  |  | - |  |  |  | - |  |  |  | - |  |  |  |
| 3 | - | - | - | - | - | - |  |  | - | - |  |  | - | - |  |  | - | - |  |  | - | - |  |  |
| 4 | - | - | - | - | - | - |  |  | - | - |  |  | - | - |  |  | - | - |  |  | - | - |  |  |
| 5 | - | - | - | - | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  |
| 6 | - | - | - | - | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  |
| 7 | - | - | - | - | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  |
| 8 | - | - | - | - | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  | - | - | - |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | - |  |  |  |  |  |
| 1 sec | - |  |  |  |  |  |
| 2 sec | - |  |  |  |  |  |
| 3 sec | - |  |  |  |  |  |
| 4 sec | - |  |  |  |  |  |
| 5 sec | - |  |  |  |  |  |
| 6 sec | - |  |  |  |  |  |
| 7 sec | - |  |  |  |  |  |
| 8 sec | - |  |  |  |  |  |
| 9 sec | - |  |  |  |  |  |
| 10 sec | - |  |  |  |  |  |
| Etc… | - |  |  |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Saline** | **CO2** | **Normal Saline** | **Saline**  **pH 5.0** | **Normal**  **saline** | **Propionic acid** |

**% changes** from condition before and after for crayfish MRO