|  |  |  |  |
| --- | --- | --- | --- |
| **Criterion**  *Add notes as need to substantiate your feedback.* | **Yes** | **No** | **Partial** |
| Paragraph 1 |  |  |  |
| Includes a brief explanation of allelopathy. |  |  |  |
| Includes a statement about the purpose of the experiment |  |  |  |
| A hypothesis and distinct prediction are both mentioned  Select “partial” if only one is present or if the two don’t differ. |  |  |  |
| The prediction is supported or justified by relevant information from observations and one or more reputable sources |  |  |  |
| Paragraph 2 |  |  |  |
| Mentions: Treatments (Independent variable) |  |  |  |
| Mentions: What was measured (dependent variables) |  |  |  |
| Mentions: Number of replicates and individuals |  |  |  |
| An overview summary of the methods is provided.  *Includes enough information to replicate* essential *parts of the experiment. Extraneous details about factors unlikely to alter the outcome excluded.* |  |  |  |
| The results are discussed in a general sense.  *Brief statements are included about the specific outcomes and overall trend.* |  |  |  |
| Author mentions whether the hypothesis was supported or not. |  |  |  |
| The data and/or figure are specifically referenced to support the stated hypothesis |  |  |  |
| Figure. |  |  |  |
| Graphs the averages |  |  |  |
| Includes data for the negative control, and the assigned species |  |  |  |
| Includes proper axis labels (with units) |  |  |  |
| Includes error bars showing standard error |  |  |  |
| Figure legend included below the figure, calling it “Figure 1” and describing what is seen in the graph |  |  |  |
| **Overall Comments:** | | | |

**Further reflection for the reviewer**

What **skills did you utilize** in completing this review?

What did you **learn** from completing this peer review?

What did you notice about the report you reviewed or about yourself as you were reviewing that you can use to **improve your future lab reports**?

What **questions remain** for you regarding any skills or information applied during the process of conducting this lab, writing a report, and reading a peer’s report.

Overall, what was the **value to you** in completing this peer review?