

CYSF 2024 Halina Prosser Log Book

Procedure
 1. Prepare material
 2. Fill with soil into each container (800ml)
 3. Light and soil (with fertilizer)
 4. Light and soil (with fertilizer)
 5. Light and soil (with fertilizer)

Particulars Marks
 M=1
 L=0.2226
 $M \times L = 0.2226 \times 4.108$
 $x = 0.918$

Day 1:
 - seeds spread evenly across soil
 - water

Day 2:
 - water has split open

Day 3:
 - plants in all rows
 - seeds on bottom

- Add on bottom of each plant: 100ml
 - 100ml water and 10ml soil
 - 100ml water and 10ml soil
 - 100ml water and 10ml soil

- Solution percentages:
 - 100ml water
 - 10ml soil (not all)
 - 10ml soil
 - make sure adjustment is clean

New trays started:
 Day 1 - 4:30pm January 31st 2024
 - 3:30pm seeds
 - 3:30pm seeds
 - 3:30pm seeds
 - 3:30pm seeds
 - 3:30pm seeds

Official experiment design:
 1. Experiment type
 2. Hypothesis
 3. Variables (Independent, Dependent, Control)
 4. Materials
 5. Methods (A, B, C)
 6. Results
 7. Conclusions
 8. Evaluation
 9. Discussion
 10. Conclusion

Height Root Length Total Length
 1 1.5 1.5 1.5
 2 1.5 1.5 1.5
 3 1.5 1.5 1.5
 4 1.5 1.5 1.5
 5 1.5 1.5 1.5
 6 1.5 1.5 1.5
 7 1.5 1.5 1.5
 8 1.5 1.5 1.5
 9 1.5 1.5 1.5
 10 1.5 1.5 1.5

Total 15 15 15
 Average 1.5 1.5 1.5

Height Root Length Total Length
 1 2.5 2.5 2.5
 2 2.5 2.5 2.5
 3 2.5 2.5 2.5
 4 2.5 2.5 2.5
 5 2.5 2.5 2.5
 6 2.5 2.5 2.5
 7 2.5 2.5 2.5
 8 2.5 2.5 2.5
 9 2.5 2.5 2.5
 10 2.5 2.5 2.5

Total 25 25 25
 Average 2.5 2.5 2.5

Height Root Length Total Length
 1 4.5 4.5 4.5
 2 4.5 4.5 4.5
 3 4.5 4.5 4.5
 4 4.5 4.5 4.5
 5 4.5 4.5 4.5
 6 4.5 4.5 4.5
 7 4.5 4.5 4.5
 8 4.5 4.5 4.5
 9 4.5 4.5 4.5
 10 4.5 4.5 4.5

Total 45 45 45
 Average 4.5 4.5 4.5

Trial 5/1 Corbis
 Height Root Length Total Length
 1 2.5 2.5 2.5
 2 2.5 2.5 2.5
 3 2.5 2.5 2.5
 4 2.5 2.5 2.5
 5 2.5 2.5 2.5
 6 2.5 2.5 2.5
 7 2.5 2.5 2.5
 8 2.5 2.5 2.5
 9 2.5 2.5 2.5
 10 2.5 2.5 2.5

Total 25 25 25
 Average 2.5 2.5 2.5

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 Height Root Length Total Length
 1 1.5 1.5 1.5
 2 1.5 1.5 1.5
 3 1.5 1.5 1.5
 4 1.5 1.5 1.5
 5 1.5 1.5 1.5
 6 1.5 1.5 1.5
 7 1.5 1.5 1.5
 8 1.5 1.5 1.5
 9 1.5 1.5 1.5
 10 1.5 1.5 1.5

Total 15 15 15
 Average 1.5 1.5 1.5

Trial 4/2
 Height Root Length Total Length
 1 2.5 2.5 2.5
 2 2.5 2.5 2.5
 3 2.5 2.5 2.5
 4 2.5 2.5 2.5
 5 2.5 2.5 2.5
 6 2.5 2.5 2.5
 7 2.5 2.5 2.5
 8 2.5 2.5 2.5
 9 2.5 2.5 2.5
 10 2.5 2.5 2.5

Total 25 25 25
 Average 2.5 2.5 2.5

Height Root Length Total Length
 1 3.5 3.5 3.5
 2 3.5 3.5 3.5
 3 3.5 3.5 3.5
 4 3.5 3.5 3.5
 5 3.5 3.5 3.5
 6 3.5 3.5 3.5
 7 3.5 3.5 3.5
 8 3.5 3.5 3.5
 9 3.5 3.5 3.5
 10 3.5 3.5 3.5

Total 35 35 35
 Average 3.5 3.5 3.5

Trial 3/1
 Height Root Length Total Length
 1 2.5 2.5 2.5
 2 2.5 2.5 2.5
 3 2.5 2.5 2.5
 4 2.5 2.5 2.5
 5 2.5 2.5 2.5
 6 2.5 2.5 2.5
 7 2.5 2.5 2.5
 8 2.5 2.5 2.5
 9 2.5 2.5 2.5
 10 2.5 2.5 2.5

Total 25 25 25
 Average 2.5 2.5 2.5

Height Root Length Total Length
 1 4.5 4.5 4.5
 2 4.5 4.5 4.5
 3 4.5 4.5 4.5
 4 4.5 4.5 4.5
 5 4.5 4.5 4.5
 6 4.5 4.5 4.5
 7 4.5 4.5 4.5
 8 4.5 4.5 4.5
 9 4.5 4.5 4.5
 10 4.5 4.5 4.5

Total 45 45 45
 Average 4.5 4.5 4.5

Final stage for electronic submission
 1. Check question
 2. Check answers
 3. Check formatting
 4. Check spelling
 5. Check grammar
 6. Check references
 7. Check citations
 8. Check calculations
 9. Check diagrams
 10. Check tables

W/D Write up
 W/E Check up
 W/F Check up
 W/S Check up
 W/D Write up
 W/E Check up
 W/F Check up
 W/S Check up