GLORIOUS GERMINATION – Do Microbes Help or Hinder Germination?

**Score Sheet**

For each round in a game, record the number of negative numbers, reducing your days to germination, and positive numbers, adding days to germination. Each endophyte’s impact gets counted for each round as they stay with the seed for the entire game.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **GAME 1**  Player’s name and seed type | # days to germinate | Round1 | Round2 | Round3 | Round4 | Round5 | Round6 | Winner | Key microbe interactions |
| Ex. Sally – Ponderosa Pine tree | 25 | 23 | 22 | 22 | 21 | 18 | 16 | No | Got a pathogen. |
| 1 |  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **GAME 2**  Player’s name and seed type | # days to germinate | Round1 | Round2 | Round3 | Round4 | Round5 | Round6 | Winner | Key microbe interactions |
| 1 |  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **GAME 3**  Player’s name and seed type | # days to germinate | Round1 | Round2 | Round3 | Round4 | Round5 | Round6 | Winner | Key microbe interactions |
| Ex. Sally – Birch tree | 25 | 23 | 22 | 22 | 21 | 18 | 16 | No | Got a pathogen. |
| 1 |  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **GAME 4**  Player’s name and seed type | # days to germinate | Round1 | Round2 | Round3 | Round4 | Round5 | Round6 | Winner | Key microbe interactions |
| 1 |  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |