Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_ Binder Page #\_\_\_\_\_\_\_\_\_

Plant Propagation

**Seed Planting Record**

**Directions:**

1. Get seed packet from instructor
2. Make tag before leaving the classroom.
   1. Write Your name & hour on one side
   2. Write plant common name & Color on the other side
3. Complete the planting record below
4. Take completed tag and seeds to greenhouse
5. Add soil to assigned type of seed flat
6. Carefully place 1 seeds in seed flat as instructed
7. IF you cover your seeds, do so with vermiculite
8. Water seed flat with Mist hose
9. Check off with instructor & place on bench
10. Be ready to help clean up

**Things to know…**

-Count very carefully! Some seeds are TINY!

-Vermiculite is used to cover seeds that germinate best in the dark

-If you don’t cover the seeds, you just leave them on TOP of the soil…. DO NOT bury them

-Spread seeds as evenly as possible. If they all end up in one small area, YOU will not enjoy transplanting them.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Common Name**  **& Variety** | **Botanical Name** | **Color** | **Do you Cover with Vermiculite?** | **Quantity** | **Type of seed flat** |
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**Germination & Transplant Report:**

Once the seeds have germinated and been transplanted, record and calculate the germination rate of your greenhouse crop(s)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Common Name**  **& Variety** | **Color** | **Quantity You Planted** | **Quantity you transplanted** | **Germination Rate** |
|  |  |  |  |  |
|  |  |  |  |  |
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|  |  |  |  |  |

**Germination Rate Essay Question:** Write a short paragraph summarizing the success of your seed crop. What percentage germinated? Was it high or low? Why? What is the average germination rate for this variety?