

Nursery Inventory Reference Sheet



<https://community-nurseries.herokuapp.com>

The nursery inventory is tracked in batches. Each **batch** refers to one group of plants propagated on the same day, and from the same parent material (e.g. 100 of Species X propagated on 17th December, from seeds collected from the same location).

Within each batch, we count different **stocks**, which are the number of plants at different stages of nursery production, outlined in Figure 1 and Table 1.

A summary of database entry required for each nursery activity can be found in Table 2.

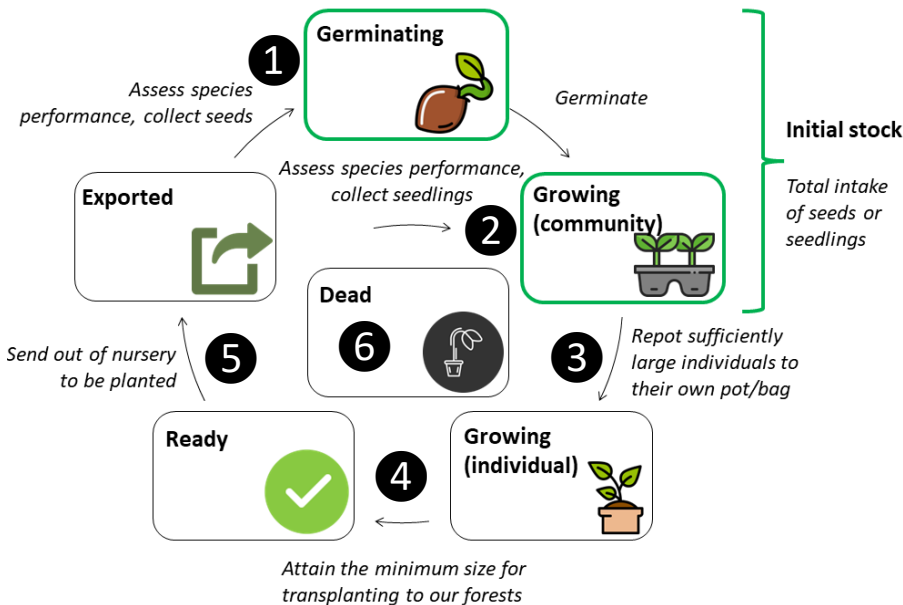


Figure 1: Stocks recorded for each batch. Numbers represent the corresponding nursery activity in Table 2.

Table 1: Description of each stock type to be recorded.

Stock type	Description
Initial	Number of cuttings/seedlings sown at the start of propagation.
Germinating	Number of seeds that are germinating or have just germinated.
Growing (community)	Number of seedlings from the same batch growing in shared containers that house multiple seedlings.
Growing (individual)	Number of saplings from the same batch growing in individual containers.
Ready	Number of saplings that have attained the minimum height to be transplanted to forests.
Exported	Number of saplings that have been sent out of the nursery for planting.
Dead	Number of seeds/seedlings/saplings that have died.

Table 2: Database entry required for each nursery activity.

Nursery activity	Follow up entry in database
1 Propagate seeds	Add new batch. Input quantity as Germinating stock. Quantity same as Initial stock.
2 Propagate cuttings/seedlings.	Add new batch. Input quantity as Growing (community) stock. Quantity same as Initial stock.
3 Repot from community trays to individual bags/pots.	Edit batch. Find record with the correct ID, decrease the Growing (community) stock and increase the Growing (individual) stock.
4 Verify that plants are big enough to be sent out for planting.	Edit batch. Find record with the correct ID, decrease Growing (individual) stock/Growing (community) stock, and increase Ready stock.
5 Release plants out from the nursery for planting.	Edit batch. Find record with the correct ID, decrease Ready stock and increase Exported stock. Fill in Export Destination.
6 Remove dead plants	Edit batch. Decrease relevant stock, increase Dead stock.
7 Observe plants	Edit batch. Add date & <i>Number Germinated</i> , or date & <i>Height (mm)</i> .