

Project: Growing Plants from Seeds

Purpose: To increase the number of plants and plant varieties in your habitat.

There are many reasons why we might want to grow plants in our habitat. The most important reason is that many plants provide important sources of food for wildlife. Plants are also used as shelter by many wildlife species. In addition, plants enhance the beauty of a habitat. Whatever your reason, follow the instructions in this project to learn how to track seed starting information in Habitat Tracker©.



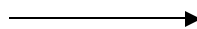
Materials Needed:

1. Seeds
2. Containers (If not direct sowing.)
3. Soil or Soil-less medium (If not direct sowing)
4. Seed Starting Worksheets
5. Plant Profile Reports
6. Seed Starting Cards
7. Plant Markers



Project:

1. **Determine** if the Plant Variety you will grow has **already been entered** into Habitat Tracker©.
 - i. **Launch** Habitat Tracker©.
 - ii. **Go to** the Plants Component



- iii. Using the Search Screen, **Search** for the Plant Variety for which you will start seeds.
2. **Review** the Plant Variety Information in Habitat Tracker©.
 - i. **If the Plant Variety has already been entered** (was found during Search)
 - i. View that Plant Variety Record
 - ii. Print a Plant Profile Report for that Variety and review for completeness of Plant Propagation information.
 - ii. **If the Plant Variety was not found** during the Search,
 - i. Complete a Plant Identification Worksheet, be sure to include Plant Propagation Information.
 - ii. Enter the data from the Worksheet into Habitat Tracker©.
 - iii. Print a Plant Variety Profile report
3. Begin **filling out your Seed Starting Worksheets**, be sure to include:
 - i. Plant Variety Common Name, Variety, Color, Container Type (or Habitat Name), the Number of Seeds per Container that you intend to plant, and a Label for each container (If you are planting multiple varieties per container (e.g. a flat of different seeds), we recommend labeling the container and the location of each seed variety).
 - ii. **Draw** a diagram of your container indicating the expected seed placement.
4. Plant your seeds

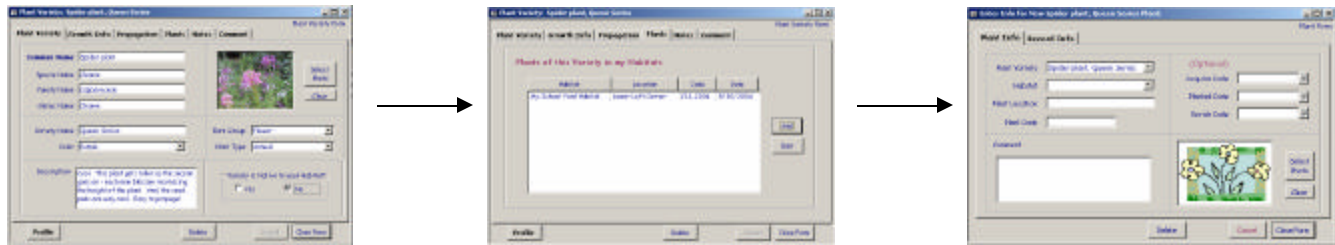
*If you need information or instructions on how to plant and grow seeds, consult an appropriate resource.

 - i. **Label** each container. Each container should have a unique label so that you can tell them apart if you intend to plant similar containers with the same Plant Variety.
 - ii. **Create** a Seed Starting card for each Plant Variety. Mark the Seed Starting date on the card with today's date (or the date the seeds were actually started).
 - iii. **Update** your seed starting diagram(s), and Seed Starting Worksheets, if necessary.
5. **Enter** the information from your Seed Starting Worksheet(s) into Habitat Tracker©.



6. As your seeds germinate and grow, record the corresponding dates on the Seed Starting Worksheet and the Seed Starting Cards.

7. After planting your seedlings in their permanent location:
 - i. **Record** where each seedling was planted (Habitat and Location) on the Seed Starting Worksheet
 - ii. **Record** the Date of Planting on the Seed Starting Worksheet and the Seed Starting Card
 - iii. **Use** the Seed Starting Card as the Plant or Row Marker.
 - iv. **Create** more Plant Markers, if necessary, to identify each new seedling.
8. **Enter** the planting information into Habitat Tracker©.
 - i. **Update** Each Seed Starting record with corresponding growth dates.
 - ii. **Add** new Plants to each Plant Variety Record representing your new seedlings.



- i. **Go to the Plant Variety Record**
- ii. **Click the Plants Tab**
- iii. **Click the Add** button
- iv. **Enter** data regarding your new plant.
 1. Habitat where planted
 2. Location in Habitat
 3. Acquire date = Seed Starting Date
 4. Planting Date = Date Planted

9. As the Plant(s) grow, **Update** other dates on Seed Starting Worksheet.
10. **Enter new Dates** into the Seed Starting record in Habitat Tracker©.

Name: _____

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11. **Print Reports** for your Habitat Journal:

- i. Seed Starting Profile Report(s)
- ii. Seed Starting Listing Report with Dates
- iii. Seed Starting Listing Report with Growth Rates.
- iv. Plant Variety Profile Reports.
- v. Habitat Profile Report
(Note new Plant listings)

12. **View** Associated data in Habitat Tracker®.

- i. **Go to** your **Habitat record**
- ii. **Click** on the **Wildlife this Habitat** Tab
- iii. **Scroll** through the **Plants this Habitat** List
Note the plants entered in the Plant screen are listed here.
- iv. **Double click** on a **Plant listing** to go to that Plant record.