



955 Benton Ave., Winslow, ME 04901 • Phone: 1-877-564-6697 • Fax: 1-800-738-6314
Email: service@johnnyseeds.com • Web Site: Johnnyseeds.com

The Bioset Germinator Sprouter is an easy way to have sprouts year-round and can be used for growing a number of different crops to harvest just past the germinated stage.

Materials Included (listed in the order the trays are to be stacked from top to bottom):

- 1 white tray (acts as the water-feeding vessel) with a white siphon hood.
- 3 clear germinating trays — each with a white siphon hood.
- 1 white tray (acts as the water-collection vessel) without a white siphon hood.

Replacement parts: If you need replacements for any of the trays or the siphon, they are readily available. Please contact us for more information and specific part numbers.

Before use, be sure the unit is on a horizontal surface and all the white siphon hoods are securely in place on the water outlet tubes. It is also vitally important to start with clean trays. Wash the trays prior to each use.

SEEDING:

Refer to the chart on the last page to determine how much seed to use in each tray. Germination may be compromised if you use more than the amount recommended. Remember the seeds will expand when wet and will occupy approximately 4 times their initial volume.

It is not necessary to soak the seeds before adding them to the Bioset. Spread the recommended amount of seeds evenly in each germinating tray. Stack the germinating trays on top of the base tray. Fill the feeding vessel with water nearly to the top while keeping the outlet hole closed with your finger.

WATERING:

The water in the feeding vessel will automatically flow down from one tray to the next, wetting the seeds and encouraging them to germinate. If this action does not take place, there may not have been enough water in the feeding vessel. At the end of the siphoning process, excess water will collect in the base, which should then be emptied. The siphoning process ensures that seeds are properly moistened without being drowned by too much water. Just enough water stays in each germinating tray to provide the humidity required for rapid germination of seeds. Complete the watering process 2 times a day or more. You cannot “over-

water” your sprouts. Rinsing frequently ensures the sprouts do not sit in stagnant water.

LIGHT:

Place the Bioset in a spot away from direct sunlight. It is not necessary to germinate seeds in the dark. A kitchen counter is usually an adequate spot.

TEMPERATURE:

Maintain a steady temperature throughout germination. We recommend 60–70°F/15–21°C.

HARVEST:

Depending on the temperature and type of seeds being grown, sprouts should be ready to harvest in 3–10 days. Please refer to our Sprouting Seeds technical sheet, or the information on the seed packet for more harvest information. If your sprouts are pale, place them in direct sunlight for a few hours before harvest to color them up. Wash the sprouts well before eating, rinsing away the empty hulls. The hulls are not harmful to eat, but your sprouts will be more palatable without them and removal minimizes spoilage in storage.

SPROUT STORAGE:

If the fresh sprouts are not to be consumed the day they are harvested, they can be stored in the refrigerator for up to a week.

TROUBLESHOOTING:

Some sprouts naturally form fine, white fibrous roots that may resemble mildew. If the growth is only on the roots and is very fine and white, do not be concerned. However, if you experience genuine mildew, which is gray and dense, discard the sprouts. Mildew can be overcome by experimenting with the frequency of watering, temperature level, and location of the BioSet.

Some types of sprouts will emit an odor as they sprout. This is particularly true of members of the *Brassica* genus (broccoli and kale). Odor, if any, will occur within the first 3 days of sprouting. A slight odor is nothing to be concerned about. It can be minimized by frequent watering and by emptying the base tray immediately after each watering. A strong, unpleasant odor indicates the sprouts are not growing and need to be discarded.

CLEANING:

The apparatus must be cleaned thoroughly after each use. Use mild dishwashing liquid and warm water, rinsing well with clean, running water. Remove all siphon hoods to ensure they are thoroughly clean and free of all seed remnants. If the apparatus is in constant or very frequent use, you may want to soak the trays in a mixture of vinegar and water.

Cleaning the BioSet in the dishwasher is not recommended

SEED AMOUNTS TO USE WITH YOUR BIOSET AND YIELD

VARIETY	TABLESPOONS PER ¼ lb.	TABLESPOONS PER TRAY	YIELD PER TRAY
Alfalfa	9	1	1½ cups
Beans	12	2	1 cup
Broccoli	11	¾	1½ cups
Fenugreek	9	1	1 cup
Kale	11	¾	1½ cups
Lentil	12	1	1½ cups
Mustard	10	1	1½ cups
Onion	14	1	1½–2 cups
Radish	11	1	1½ cups
Wheat	9	1	1½–2 cups