Bioset Germinator
Instruction Sheet

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The Bioset Germinator provides an easy way to produce sprouts year-round and can be used for growing several different seed crops for harvest just past germination stage.

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

- 1 opaque white tray (acts as the water-collection vessel), without a white siphon hood.
- 3 translucent germinating trays, each with a white siphon hood.
- 1 opaque white tray (acts as the water-input vessel), with a white siphon hood.

Replacement parts are readily available for the trays and siphon parts; please contact us for more information.

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

SEEDING

Refer to the chart on page 2 for seed quantity to use in each tray. Germination can be compromised if excessive seed is used. The seeds will expand when wet to occupy approximately 4 times their dry volume.

It is not necessary to soak the seeds before adding them to the Bioset Germinator. Spread the recommended quantity of seeds evenly in each germinating tray. Stack the germinating trays on top of the base tray. Fill the topmost tray (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 from one tray down to the next, wetting the seeds and assisting with germination. Following the siphoning process, any excess water will collect in the base, which should then be emptied. The siphoning process ensures that the seeds are properly moistened without being overwatered. Sufficient water remains in each germinating tray to provide for rapid germination of seeds. Complete the watering process 2 times a day or more. You cannot “overwater” your sprouts using the Bioset. 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 crop being grown, sprouts should be ready to harvest in 3–10 days. Please refer to The source supplier’s Sprouting Seeds Tech Sheet, Sprouts Key Growing Information, or the information on the seed packet for further information on harvesting.

If your sprouts are pale, place them in a bright location for a few hours prior to harvest. Wash the sprouts well before consuming, rinsing away the empty hulls. The hulls are not harmful to eat but sprouts are generally 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 7 days.

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TROUBLESHOOTING
Some sprouts naturally form fine white fibrous roots that may appear to resemble mildew. If the growth is present only on the roots and is very fine and white, do not be concerned. Genuine mildew is gray and dense, and the sprouts should be discarded if this develops. Mildew can be overcome by experimenting with the frequency of watering, temperature level, and location of the Bioset Germinator.

Some types of sprouts will emit an odor as they sprout. This is particularly true of members of the Brassicaceae family (such as 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 prior to reuse.

Cleaning the Bioset in the dishwasher is <u>not</u> recommended.

SEED QUANTITY TO USE & YIELD PER BIOSET TRAY

SEED CROP	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

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