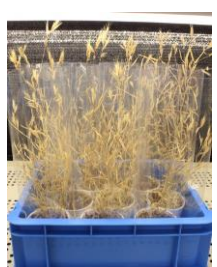


Growth Method for Brachypodium



- 1) Place sterile filter paper in a sterile petri dish and soak the paper with sterile distilled water.
- 2) Put mature seeds on the dish and place under dark conditions at 4°C.
- 3) After 2-3 days, expose the plate to ambient light at 25°C.
- 4) Five days later, transplant the seedlings to pots filled with soil compressed very lightly to give a firm bed.
- 5) Place the pots on a cultivation rack and expose to alternating 20 hours of light ($\geq 100 \mu\text{mol}/\text{m}^2/\text{s}$) and 4 hours of dark at 22°C. Water the plants twice a week. It takes about 4-6 weeks for heading to occur.
- 6) When the seeds are fully mature (after 8-10 weeks), stop watering and dry the plants for 4 weeks.
- 7) Collect seeds from each plant and store in the dark at 4°C. About 150 seeds can be collected from each plant.



Comments and questions to plant@brc.riken.jp

We value any suggestions on how to improve our services.

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