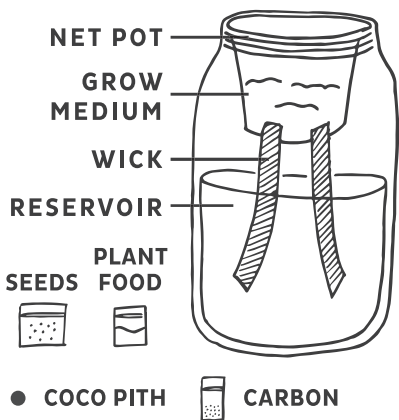


SPRUCE EVERGREEN KIT



Before you start, consider the time of year and your region's climate. Spruce thrive in temps between 45°-75°F and with at least 6 hours of direct sunlight. Starting in Mar-Sept will provide longer days and thus optimal light. If starting during cooler months, it's recommended that you supplement natural light with a grow light (fluorescent or LED).

Sprout time: 10-20 days.
Spruce will slowly grow over the course of several years.

SEED STARTING

1. Wash hands and remove all contents from jar.
2. Soak seeds in a bowl of room temperature water for 24 hours.
3. Pour 1 ¼ cup of water into jar. Do not overfill!
4. Take coco pot and pull wick loop up so that it's ¼" below the top of the pot.
5. Pour grow medium in coco pot, through and around wick. Rinse grow medium, wick and pot under warm running water for 30 seconds.
6. Screw on jar ring, then insert coco pot so that its rim sits on the ring.
7. With clean hands, place coco pith disc on top of grow medium and sprinkle with water until disc is fully expanded. Gently spread coco on top of grow medium. Pour carbon evenly over coco.
8. Sprinkle in seeds and push them just beneath the surface of grow medium. Gently tamp. Place jar in warm and sunny window (68°-72°F). Touch just below the surface of the coco pith daily, and if it's not damp, spray with a little water.
9. Once seedlings have their first set of needles, empty water from jar.
10. Dissolve ⅛ tsp plant food in 1 ¼ cups water. Pour ¼ cup of solution directly thru coco pot, carefully around sprouts. Remove coco pot and pour

OVER >

remaining solution directly into jar.

11. Spruce trees like wet roots and the sprouting stage is the most critical to plant growth. Do not let the growing medium dry out.

GROWING ON

When reservoir needs a refill, pour mixture of 1 ¼ cups water and ⅛ tsp plant food directly through coco pot.

Some seeds may fail to germinate (this is nature). If sprouts don't appear in 2-3 weeks, the seeds may not be receiving enough sunlight, growing medium is too dry, or temps are too low. In dry climates, consider creating a greenhouse effect by placing a plastic bag over the jar. Punch a few holes for ventilation. Remove the bag once sprouts are ¾" tall.

The coco pith retains moisture needed for seed germination. The carbon is included to prevent mold from developing – it conditions the coco and manages moisture. If the coco pith develops a little mold, either it is too wet, the climate is too humid, or the location is not well ventilated.

If sprouts appear weak and spindly, there is either not enough light or temps are not in the optimal range. Try a different location or consider supplementing with a grow light. During the outdoor growing season you can place the jar outside, just make sure the reservoir doesn't flood.

TRANSPLANTING

This Garden Jar is designed to grow a small White Spruce plant; however, in certain regions you can transplant it into the ground to grow into a full size tree. To learn if your region is conducive to growing Spruce trees, please contact the Master Gardening extension office in your state.

Transplant outside into a location with partial to full sun after the threat of frost has passed, and tree sprouts are at least 4"-6" tall.

Prior to transplanting, harden off plant for 5-7 days by placing it outdoors in partial sun during the day, and bringing it indoors at night.

Garden Jars are assembled in the USA of domestic and imported components.

WHITE SPRUCE: A species of spruce native to the northern part of North America and a favorite Christmas tree variety.

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