



Growing Tobacco & Sage - Fort Chipewyan

(General)

GREEN Employment Program

Developed by Greenplanet Energy Analytics for Athabasca Chipewyan First Nation with financial support from Athabasca Tribal Council and the Alberta Government AIGEP

Tobacco

Seed Starting

1. Fill seed starting trays with "seed starting" growing medium



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2. Thoroughly soak the grow medium with water. Use a spray bottle and spray water over the top of the soil
3. Tobacco seeds are extremely tiny. Lightly sprinkle seeds on top of the moistened grow medium. Sprinkle 2-3 seeds in each cell of the tray.
4. Do NOT cover the seeds with growing medium.
5. Lightly mist the seeds with water.



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6. Cover with a humidity dome and leave the vents open to allow for air exchange.
7. Place under a grow-light and keep the temperature between 21-26 degrees Celsius.
8. Leave the light on for 16h/day or place near a bright, warm window.
9. Mist the seeds every day.
10. When the seeds have germinated (in 4-14 days), remove the humidity dome and keep under the grow-light. Leave the light on for 16 hours per day.



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White Sage

Seed Starting

- White sage seeds are notoriously bad at germinating. It's not uncommon to have only 20-30% of the seeds sprout. Because of this, you will need to plant far more seeds than you normally might
- Like tobacco seed starting, sprinkle your seeds across the surface of the growing medium in seed starting tray and then mist them with a water bottle.
- Follow the rest of the steps listed for germinating tobacco.



This ACFN project uses a self-contained sea-can indoor garden to increase locally-grown produce and begin to provide economic and employment opportunities for the community of Fort Chipewyan.

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