

Name of seeds	Germination procedure
Long beans	<ol style="list-style-type: none"> <li>1. No need to soak in water</li> <li>2. Directly sow in the grow bag</li> <li>3. After that add an adequate amount of water</li> <li>4. Germination period is 24 hours</li> </ol>
Purul/ladies' finger	<ol style="list-style-type: none"> <li>1. Soak in water for six hours</li> <li>2. Sieve the seeds</li> <li>3. Keep in a warm place, wrapped in a cloth for 12 to 18 hours</li> <li>4. Sow in the grow bag</li> <li>5. Add an adequate amount of water</li> <li>6. Germination period is 24 hours</li> </ol>
Malabar spinach	<ol style="list-style-type: none"> <li>1. Soak in water</li> <li>2. Clean the seeds by hand after three hours</li> <li>3. Discard the water and again soak for three hours</li> <li>4. Clean the seeds by hand, discard the water, and soak for 18 hours</li> <li>5. Keep in a warm place, wrapped in a cloth or banana /dumur leaves for 48 hours</li> <li>6. Check germination status after 24 hours</li> </ol>
Brinjal/tomato/chilli	<ol style="list-style-type: none"> <li>1. Direct plantation of saplings is done for brinjal/tomato/chilli. processes of the sapling and seedbed preparation are given in annexure 1.</li> </ol>
Red amaranthus spinach	<ol style="list-style-type: none"> <li>1. If the soil is moist then seeds do not need to soak in water</li> <li>2. Otherwise soak seeds for three hours</li> <li>3. Sow in grow bag</li> <li>4. Germination period is 36 hours</li> <li>5. Cover the grow bags with newspaper after sowing during day time and open them after sunset</li> </ol>

## Annexure 1:

Seed and seedbed preparation before sowing seeds in the seed bed

**Step 1.** Plough the seed bed to make the soil finer. If the soil is saline then add super phosphate @ 10 g for a 1/1 ft area.

**Step 2.** Soak in water for three hours and clean by hand and again soak for six hours.

**Step 3.** Sieve the seeds by hand

**Step 4.** Keep in a warm place, wrapped in a cloth for 24 hours

**Step 5.** After germination sow the seeds in a seed bed with a gap of 1/5 inch

**Step 6.** After sowing cover the seeds with 1 cm thick soil or cocopeat and cover them with newspaper

**Step 7.** Check the status after 24 hours whether seedlings are coming out or not

**Step 8.** Transfer the saplings at proper age into the grow bags