

seeds to the inch. Now scatter over the surface an equal mixture of leaf-mould and lake sand and press firmly and evenly over the seeds. This covering will not bake or crust, and the tender shoots of the germinating seeds can much more readily break through. If the soil is dry, sprinkle lightly with tepid water and replace sash, partially shading the same. We now have some 36 rows 70 inches long and sown eight seeds to the inch, or a total sowing of over 20,000 seeds, which should give us enough plants for our purpose. It will take from three to six days for the plants to break soil, and the temperature during this period should be from 75 to 85°F. in the day time, and from 55 to 65°F. at night. When the plants have practically all broken through remove the covering from the sash and reduce



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the temperature to from 70° to 80°F. The temperature can be regulated by dropping open the sash. After about ten days reduce the temperature to from 65° to 70°F. and give more air. Dull, cloudy weather, too high a temperature, crowding of the plants and insufficient ventilation, causes damping off. Great care must be taken not to over supply the young plants with water, as this will also cause damping off. Endeavor to keep them growing thriftily, with as little watering as possible. Some authorities favor two transplantings, and others only one. The system here recommended is a combination of the two. As soon as the central bud is well started prick out the plants to the cold frames, setting two inches apart. Remove the plants as carefully as possible, preserving the root system intact, and set them a little