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## (57) Abstract :

The present invention relates to a method of cultivating Moringa oleifera trees to optimize growth, yield, and nutritional value. The method comprises selecting high-quality seeds, preparing well-draining soil with a pH range of 6.0 to 7.0, and ensuring a warm subtropical climate with temperatures between 25°C to 35°C. Seeds are sown directly or in nurseries and later transplanted with a spacing of 3-5 meters. Regular irrigation, organic fertilization, and pruning enhance tree health and productivity. Harvesting involves collecting leaves, pods, and seeds at appropriate maturity stages, followed by post-harvest processing, including cleaning, drying, and packaging. This method promotes sustainable agriculture, soil conservation, and economic benefits while supporting food security and medicinal applications. The invention further enhances the commercial viability of Moringa-based products.

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