

A Study on Grape Cultivation Practices in Tropical Agro-Climatic Zones

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Abstract: *Even though grapevines may grow in a variety of climates, the optimum grapevine cultivation occurs in areas that satisfy particular climatic conditions. In what are known as tropical regions—the latitudes between the Tropics of Cancer and Capricorn—grapes are also widely grown. Viticulture has grown dramatically in the tropical areas in recent years, and nations in the tropical and subtropical regions, including Brazil, Venezuela, India, and Thailand, provide quality table grapes, wine, grape juice, and raisins. Grapes are grown in tropical locations using different production techniques than in conventional temperate regions. Table, raisin, and wine grape characteristics are present in the majority of grapes cultivated in these areas. Tropical grape varieties need to have short growth seasons, early ripening times, and strong resistance to fungus-related illnesses.*

Keywords: Viticulture, Grapes, Tropics, Cultivation, Climate, Soil, Irrigation, Varieties