

Lemongrass: A Review on its Botany, Properties, Applications and Active Components:

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Abstract: Lemon grass (*Cymbopogon citratus*) is a member of the Poaceae family. It is a medicinal plant containing compounds that can control pathogens and enhance the plant's resistance to diseases. Lemongrass is widely used in herbal teas, non-alcoholic beverages, baked goods, and confections. Essential oil extracted from lemongrass is commonly used as a fragrance in perfumes and cosmetics like creams and soaps. This essential oil is rich in citral, which serves as a source for producing beta-carotene and vitamin A. Due to its various chemical constituents, lemongrass oil finds applications in the pharmaceutical industry for its antidepressant, analgesic, antipyretic, bactericidal, antiseptic, carminative, and astringent properties

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