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Delving Into the Analytical and Therapeutic Features of Annona Squamosa: an In-Depth Study

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Abstract: *Known by most as the "custard apple," Annona squamosa has a number of medicinal uses. It is highly advised to use Annona squamosa to eliminate toxins from the human body. Additionally, it is used to treat respiratory tract conditions such allergies, asthma, colds that come on season, and antitussive medications. Studies on Annona squamosa have also shown the plant's anti-inflammatory, anti-asthematic, anti-microbial, analgesic, anti-diarrheal, and immunomodulatory qualities. The greatest illustration of it is Annona squamosa, which is a member of the Annonaceae family. This tree has several uses and tasty fruits. Its edible fruits are referred to as custard apples. Ice cream may be flavored with the pulp. Of the fruit, 50–80% are edible. Considerably more vitamin C (35–42 mg/100 g) is present than in grapefruit. Thiamine, potassium, and dietary fiber have important nutritional values as well. Numerous chemical substances have been found to be present in it, including alkaloids, isomeric hydroxyl ketones from the leaf, squamone from the bark, acetogenin, samaquasine, annonacin, and annonastatin from the seeds. Its antibacterial, antidiabetic, anticancer, anti-malarial, anthelmintic, anti-genotoxic, and hepatoprotective properties have been shown in a number of investigations. The leaves are used to abscesses, bug bites, and other skin conditions in addition to being used as a vermicide and to cure malignant tumors. Crushed leaves were applied to wounds and sores as well as inhaled to combat hysteria and fainting episodes.*

Keywords: Therapeutic properties, Medicinal potential.

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