Sample Issue



## The Rise of Hydroponics: Farming Without Soil

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Hydroponics, a soilless method of growing plants using nutrient-rich water, is emerging as a promising solution for sustainable This innovative production. allows for technique controlled environment agriculture, making it ideal for urban and arid regions where traditional farming is challenging.

The key benefits of hydroponics include faster plant growth, higher yields, reduced water usage, and minimal need for pesticides. Crops such as lettuce, spinach, tomatoes, and strawberries thrive in hydroponic systems, providing year-round harvests.

Startups and entrepreneurs are investing in hydroponic farms to

meet the growing demand for fresh, pesticide-free produce. Government and private sector initiatives are offering training programs and funding opportunities to promote hydroponic farming.

As India continues to urbanize, hydroponics represents a sustainable solution for feeding a growing population while minimizing the environmental impact of agriculture.