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Key Budget Provisions for Enhancing Farmers' Income and Development

The recent budget has introduced several important measures to increase farmers' income and growth. It provides for increased funds for agricultural subsidies, which will reduce the cost of essential inputs such as fertilizers, seeds, and irrigation equipment. The reduction in these expenses will enable farmers to invest more in their crops and livestock, thereby increasing their productivity and income. The budget promotes investment in rural infrastructure. Better roads, storage facilities, and improved access to markets will help transport farmer's produce more efficiently and reduce post-harvest losses. Better infrastructure opens up access to new markets, allowing farmers to sell their produce at a better price and gain a larger customer base.

The budget supports technology adoption in agriculture. It provides for subsidies on modern agricultural equipment and advanced technologies. By adopting these innovative technologies, farmers will be able to make optimal use of their resources and improve yields. Training programs are also included, which will ensure that farmers can use these new technologies effectively. The budget offers low-interest rate loans and insurance schemes for farmers. These financial instruments will help farmers manage risks related to weather, pests, and market fluctuations. The availability of cheap credit allows them to invest in improvements and innovations without being burdened by high interest rates.

The budget promotes investment in agricultural research and development (R&D). Investment in research helps develop new crop varieties that are more resistant to climate change and pests. This R&D also improves soil health and water management techniques. These advancements are supported to increase agricultural productivity and sustainability in the long term. The overall objective of these measures is to create a more supportive environment for farmers, improving their incomes through cost reduction, better infrastructure, and technological advancement. The combination of financial support and infrastructure development provides a holistic approach to stimulate development and growth in the agriculture sector.



Students from Maitreyi College Explore Hydroponic Farming at Institute of Horticulture Technology (IHT) in Greater Noida

Students from Maitreyi College, University of Delhi, visited the Institute of Horticulture Technology (IHT) in Greater Noida to learn about hydroponic crop production. Their visit to the Technology Park at IHT provided them with a hands-on experience of modern farming techniques. The students were very interested in the hydroponic systems and gained valuable knowledge about innovative farming practices.

The students were excited and highly engaged as they observed the hydroponic systems in action. They saw how these systems could grow crops efficiently by delivering essential nutrients directly to plant roots through water. This method of farming not only conserves water but also maximizes crop yields by providing an optimal growing environment. During their visit, the students participated in detailed demonstrations and listened to expert explanations about the benefits and challenges of hydroponics. They learned about the technology behind these systems and how they can improve resource use and increase productivity in agriculture. The practical insights offered by the experts helped the students understand how advanced technology can address some of the challenges faced in traditional farming.

They observed how crops could be grown without soil, using nutrient-rich water solutions instead. The detailed demonstrations and expert explanations offered them a clear understanding of the benefits and challenges of hydroponics. This experience highlighted the potential for increased crop yields and efficient resource use. The experience broadened their understanding of how advanced technology can be applied to agriculture, highlighting the potential of hydroponics in sustainable crop production. The visit was both educational and inspiring for the students, offering them practical insights into the future of farming.



Maitreyi College Students Engaged in a Hands on Training in Hydroponics and Demonstration at IHT's Technology Park, Greater Noida

Nagaland Officials visit Hydroponic facilities at IHT for Future Farmer/ Entrepreneurs Training

Horticulture officials from Nagaland visited the Institute of Horticultural Technology (IHT) Greater Noida to explore hydroponic farming techniques with the goal of organizing Nagaland farmers/entrepreneurs training in IHT on hydroponic farming. During the visit, they viewed both horizontal and vertical hydroponic farming systems, which grow plants without soil. The officials were impressed by the efficiency and potential benefits of these systems, noting that they could help increase productivity and use resources more effectively. Hydroponic farming offers a modern solution for growing crops in a controlled environment, making it a valuable method for improving agricultural practices. The visit was aimed at understanding these techniques better so they can depute the interested farmers/entrepreneurs from the state in IHT, and this will help them to adopt innovative farming practices and enhance their income.



Nagaland Horticulture Officials during their Visit at IHT's Technology Park for Hydroponic Systems

CAPACITY BUILDING TRAINING PROGRAMMES

Protected Cultivation: In July 2024, the Institute of Horticultural Technology (IHT) organized a training program on Protected Cultivation. This program was specifically for entrepreneurs interested in modern farming methods. Participants learned about managing greenhouses, controlling the climate inside them, choosing the right crops, and dealing with pests and diseases. The training included practical demonstrations with hands on training and interactive lectures by IHT experts. It aimed to teach practical skills that could help participants improve their farming businesses. By focusing on protected cultivation, IHT aims to support sustainable agriculture and boost productivity in farming.

Landscape Horticulture: IHT organized a training program on Landscape Horticulture, designed for professionals and enthusiasts from various regions. The program aimed to provide an in-depth understanding of landscape design and management, focusing on both aesthetic and functional aspects. Attendees explored key topics such as plant selection, soil preparation, irrigation systems, and sustainable practices. The training featured interactive session, where participants applied learned techniques to real-world scenarios, and expert-led sessions that covered the latest trends and technologies in landscape horticulture. Additionally, the program included practical demonstrations on creating visually appealing and environmentally friendly landscapes. The training equipped participants with valuable skills and knowledge to enhance their landscaping projects, contribute to sustainable practices, and excel in their professional roles.

Empowering Entrepreneurs in Nursery Production and Management

IHT organized a training program focused on Nursery Production and Management, specifically designed for entrepreneurs from various regions of India. The program aimed to equip participants with essential skills and knowledge to effectively manage and expand their nursery businesses. Through hands-on training, expert lectures, and practical demonstrations, attendees learned about the latest techniques in nursery management. Experts shared their knowledge through case studies and practical exercises, ensuring that entrepreneurs could apply what they learned in real-world scenarios.



Participants Engaged in Hands on Training Session on Nursery Management Practices

Upcoming Trainings- Explore upcoming opportunities in:

S. No.	Title
01	Landscape Horticulture
02	Vegetables Nursery Production
03	Basic Hydroponics
04	Commercial Hydroponics
05	Protected Cultivation of Vegetable Crops

Stay tuned for these engaging and educational sessions designed to enhance your skills and knowledge in modern agricultural practices.

For more updates and to register for upcoming trainings, visit IHT's website or contact Mr. Anish Ranjan, Relationship Manager, Mobile +91-8860082566