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Drip-Sprinkler Irrigation Subsidy for Farmers Welfare in Bihar

प्रधानमंत्री कृषि सिंचाई योजना देश के सभी राज्यों में लागू है। इस योजना के तहत अलग – अलग प्रदेश में सरकार अलग – अलग सब्सिडी दे रही है। भारत में लगातार बढ़ती पानी की समस्या को देखते हुये बूंद-बूंद सिंचाई पद्धति (Drip Irrigation Technique) अपनाने की कवायद की जा रही है। इसके लिये केंद्र और राज्य सरकार मिलकर ड्रिप सिंचाई और स्प्रिंकलर सिंचाई (Sprinkler Irrigation) जैसी नई तकनीकों को अपनाने के लिये आर्थिक सहायता भी देती हैं। इसी कड़ी में बिहार राज्य में भी हर खेत तक सिंचाई का पानी पहुंचाने के उद्देश्य से टपक और फव्वारा सिंचाई के लिये 90% तक अनुदान (Subsidy on Drip Sprinkler Irrigation) दे रही है। इस योजना के तहत राज्य के हर श्रेणी के किसान को सब्सिडी का लाभ दिया जा रहा है।

बिहार कृषि विभाग, बागवानी निदेशालय (Bihar Agriculture Department] Horticulture Directorate) की ओर से राज्य के किसानों को प्रधानमंत्री कृषि सिंचाई योजना के तहत ड्रिप और स्प्रिंकलर सिंचाई के लिये 90% तक सहायतानुदान दिया जा रहा है। छोटे और सीमांत किसानों को भी कुछ शर्तों के आधार पर सामूहिक नलकूप योजना के तहत 100% सब्सिडी दी जाती है, जिसमें किसानों को ड्रिप और स्प्रिंकलर सिंचाई पद्धतियां अपनानी होती है। इतना ही नहीं, पीएम कृषि सिंचाई योजना के तहत ड्रिप सिंचाई अपनाने वाले किसानों को मल्विंग योजना पर भी 50% अनुदान मिलता है। इससे खेती की लागत और पानी की खपत को घटाने में मदद मिलती है। प्रधानमंत्री कृषि सिंचाई योजना योजना के अंतर्गत ड्रिप सिंचाई पद्धति तथा स्प्रिंकलर सिंचाई पद्धति में 90% के अनुदान की व्यवस्था सभी श्रेणी के कृषकों के लिए की गई है।

प्रधानमंत्री कृषि सिंचाई योजना के तहत आधुनिक सिंचाई पद्धतियों (Advanced Irrigation Techniques) को अपनाने के लिये बिहार कृषि विभाग, उद्यान निदेशालय के आधिकारिक पोर्टल पर horticulture-bihar-gov-in आवेदन कर सकते हैं। बता दें कि प्रधानमंत्री कृषि योजना के तहत ड्रिप और स्प्रिंकलर सिंचाई पद्धतियों को अपनाने पर बिहार राज्य के कई किसान और किसान समूहों को सब्सिडी (Subsidy on Irrigation) का लाभ दिया गया है।

Source: Horticulture Directorate, Bihar Agriculture Department





IHT EDUCATION - Farmers Training Programme

Institute of Horticulture Technology organized training programme for farmers of Alwar Rajasthan who were deputed by Dinker Agricultural Producer Company Ltd. on “Rejuvenation of Unproductive Fruit Plants”. The session started with an introductory lecture given by Mr. D.C. Sharma, Senior Horticulturist about the scope and importance of fruit cultivation and regeneration of old and senile orchards. This was followed by interactive lectures by Ms. Aruna Yadav, Senior Horticulturists and Sh. Gyanendra Singh, Senior Horticulturists of IHT. Interactive Lectures covered:

- Source and quality of planting material, layout, digging and methods of pit filling.
- IPM in orchards with special emphasis on personal protection equipment for safety.
- Thinning of dense tree and orchard rejuvenation with heading back of old tree method and intensity of heading back tools.

The interactive lectures were followed by hands on training sessions in IHT’s Technology Park on:

- Equipment used in rejuvenation plastering and treatment of cut techniques for pruning selection and maintain of shoots.
- Top working of inferior cultivar with suitable scion cultivars, with polliniser cultivar.
- Time of heading back and grafting source of scion cultivar
- Method of soil management practices
- Mulching for weed management and soil moisture conservation
- Avenues of income generation during gestation period rejuvenate the orchards-intercropping

Entrepreneurial Capacity Building Trainings

Hydroponics: Institute organized various training programmes for entrepreneurs on hydroponic from basics to commercial production in different slots, (two weeks online cum offline). During the training proper knowledge about the functioning and growing of hydroponic system and other related factors was elaborated as per trainees. It is an important course for those who have general horticultural knowledge and/or are interest in hydroponic. In this course important aspects of hydroponics are covered from growing to harvesting like water quality analysis for open & closed loop, plant nutrition constituents and management, nursery production, seeds identification, climate control in greenhouse, cladding materials, pruning, physiological disorders of hydroponics crops and hydroponic greenhouse pest management.



Trainees Undergoing Hands on Training in Hydroponic Nursery Production, Crop Production and Crop Care

Landscape Horticulture: Two weeks training program for entrepreneurs on “Landscape Horticulture” was also conducted in November 2022. The major training sessions were planting material production, plant propagation, types of gardens, selection of plants like edge/shrubs/hedges/creeper/annuals/trees, planning and designing of greenhouse technology related to landscape horticulture, soil health management, bed preparation, moisture conservation, soil solarization, bonsai making, irrigation and fertigation, disease, pest and nutrient management, training and pruning in garden plants, establishment and maintenance of lawn and turf, culture of floral display, maintenance of garden and container gardening.



Few Glimpse of Training Programmes Organized on “Landscape Horticulture”

Entrepreneurial Capacity Building Trainings

Protected Cultivation: A seven-days training programme on “protected cultivation of vegetables” was organized for entrepreneurs, at Institute of Horticultural Technology Greater Noida from November 14th – 19th 2022. During training participants were highly interested in their visit to Technology Park of IHT where they were provided hands on trainings in the protected cultivation for vegetables. The major components of the course were protected structures and climate control, soil health management, nursery production, bed preparation – soil and soilless, pH, EC correction, mulching – organic and inorganic, nutrient management, integrated pest management, post-harvest handling, storage.



Trainees Undergoing Hands on Training in Training- Pruning in Tomato

UPCOMING TRAINING PROGRAMMES

S. No.	Title	Duration	Mode of Training
1.	Landscape Horticulture	2 Week	Online cum Offline
2.	Commercial Hydroponics	2 Week	Online cum Offline
3.	Protected Cultivation of Vegetables Crops	1 Week	Offline
4.	Online Basic Hydroponic	3 Days	Online
5.	Nursery Production	3 Days	Online
6.	Mushroom Production	3 Days	Online

**Customized courses on protected cultivation of vegetable crops, commercial hydroponics, mushroom cultivation, vegetables nursery production, forest plant nursery management, commercial hydroponic also offered on demand.*

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