

KONARK FUTURE FARM: PIONEERING TOMORROW'S AGRICULTURE

In the heart of agricultural innovation, Konark Future Farm is pushing the boundaries of traditional farming with its groundbreaking hydroponic cultivation of medicinal and aromatic plants.

Picture a future where the soil is no longer a necessity for robust plant growth, where precision meets nature to yield premium-quality, residue-free herbal products. Join us on a journey through the lush fields of Konark Future Farm as we explore the wonders of hydroponics and the myriad benefits it brings to the world of herbal and health care.

Unveiling Hydroponics

GROWING BEYOND SOIL

Hydroponics, a soil-less growing method, is the secret sauce behind Konark's innovative approach. Instead of relying on traditional soil, nutrient-rich water becomes the lifeblood of plants, delivering essential elements directly to their roots. This revolutionary technique uses inert growing mediums like perlite, vermiculite, coconut coir, or even just air and water to nurture plants from seed to harvest.

VARIOUS HYDROPONIC SYSTEMS CATER TO DIFFERENT NEEDS

1 **Nutrient Film Technique (NFT):**

A shallow, nutrient-rich water film flows over plant roots in a sloping channel.



Brahmi (Bacopa monnieri) in Nutreint Film Technique system

2 **Deep Water Culture**

Plants are suspended in a nutrient solution, with their roots submerged in aerated water.



Kalmegh (Andrographis paniculata) in Deep Water Culture system



Rosemary (Salvia Rosmarinus) in Deep Water Culture system

3 **Drip System**

Nutrient solution is dripped onto each plant's base through a network of tubes. Within drip systems, several structures are available, such as:

- Dutch Bucket Systems
- Grow Bag Systems
- Trough Systems
- Cocopeat Grow Slabs System



Chilli (Bhut Jolokia) in Dutch Bucket

4 **Ebb and Flow (Flood and Drain):**

The nutrient solution periodically floods the growing medium and then drains away.

While other systems exist, they may not offer comparable viability. Beyond hydroponics, alternative methods include:

Aeroponics:

Roots are suspended in air, and nutrient solution is misted directly onto them.

Aquaponics:

This system combines aquaculture and hydroponics, utilizing the waste produced by farmed fish or aquatic creatures to supply nutrients for plants grown hydroponically. In turn, the plants help purify the water.

EARTHY ROSE-1225

- Earthy Rose-1225 is a captivating, soothing fragrance developed for soap, shower gel and face wash.
- It has elegant fusion of fresh, floral, woody, musky, earthy, powdery, sweet and amber accord.
- This fragrance is fusion of Rose, Geranium in the top note with heart of sensual musk, creamy rich sandal wood and a touch of violet.
- This scent complete with the sweet, aromatic amber, sparkling cedar wood, woody patchouli and warm earthy Nagarmotha with nuance of powdery sweet vanilla which offers earthy, musky powdery base to the fragrance.
- This fragrance note provides subtle & delicate union of floral note with earthy musky note that refresh us and give a precious fragrance trail.

TOP NOTE

Rose, Geranium

HEART NOTE

Musk, Sandalwood

BASE NOTE

Violet

Recommended Dose:

Soap: 1 to 1.2%

Shower gel: 0.5 to 0.8%

Facewash: 0.3 to 0.5%



TROPICAL FUSION- 1214

- Tropical Fusion-1214 is divine citrus refreshing smell developed for soap, shower gel and face wash. This scent is strong and refreshing and it seems energize all your senses.
- This fragrance is fusion of citrus, fresh, floral, fruity, green, woody, amber and musky accord.
- This fragrance is opens up with the citrus fresh lemon, sweet juicy orange, leading us to the blend of rose, tropical lily and Muguet.
- This floral note is paired with alluring essence of peach and green apple which intertwines gracefully with woody warm cedar wood, aromatic amber with a hint of musk.
- This blend offers little sweetness, a touch of floral notes and a clean freshness to the product.

TOP NOTE

Lemon, Orange

HEART NOTE

Rose, Lily, Muguet

Recommended Dose:

Soap: 1 to 1.2%.

Shower Gel: 0.5 to 0.8%

Facewash: 0.3 to 0.5%.

