



Air
AALOO

Better Yield - Greater Profits.

QUALITY POTATO SEED TUBER

 **Jain™**
Tissue-Culture
Better Yield - Greater Profits.

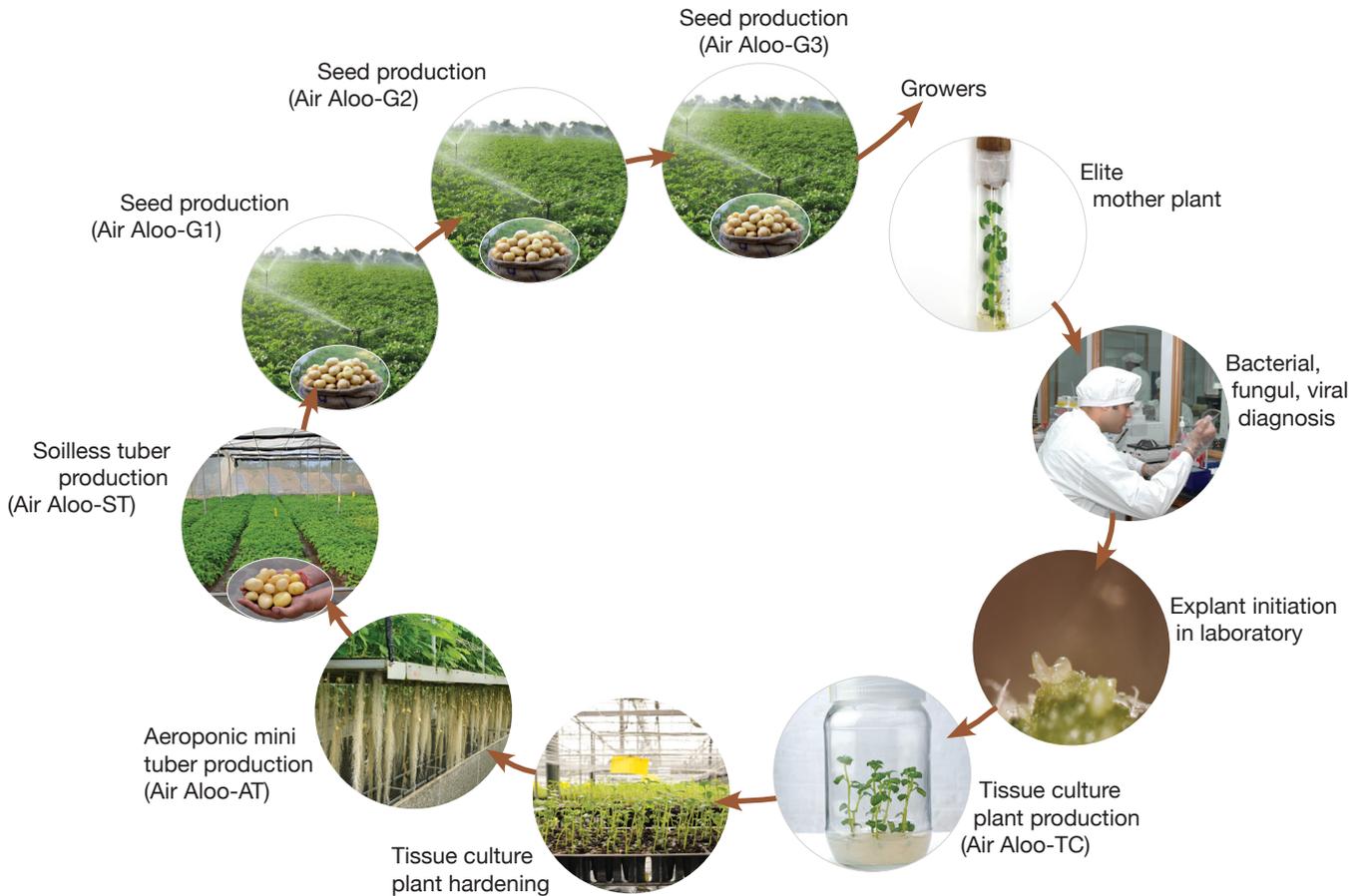
Jain Irrigation Systems Limited (JISL) is the world leader in production & marketing of tissue cultured (TC) plants since 1995. We are the largest producer of Banana, Pomegranate, Sweet Orange, Coffee, Black Pepper, Onion & Guava TC plants of highest genetic purity.

Potato is the third most important food crop after Rice and Wheat. India is the second largest potato producer in the world. However, this happened mostly due to area expansion than productivity enhancement. There is a great scope for improving crop productivity by using disease free, quality planting material coupled with modern irrigation and fertigation methods.

JAIN AIR ALOO

JISL has developed a unique seven tier production method this ensures disease-free, genetically pure, true to type, high yielding, uniform sized potato seed tubers.

Jain Air Aloo Production Process Flow



In Vitro Multiplication



Harvesting of "Air Aloo"



PRODUCTS

The Jain Air Aloo are available in four different types (i) Air Aloo-TC (ii) Air Aloo-AT (iii) Air Aloo-ST for producing quality potato seed tubers for seed companies and/or contract growers for their own use, contract farming, commercial sale and (iv) Ready to sow tubers - Air Aloo-EG (G1, G2, G3) for commercial crop cultivation.



Air Aloo -TC

- Produced in controlled conditions in state-of-the-art laboratory
- *In vitro* plants grown on specifically designed culture media and production technology
- Disease & pest free
- Robust
- Purity >99.5%
- Assured survival
- Uniform & Vigorous growth after planting
- Suitable for production of mini-tubers through nodal cuttings & in soilless media, aeroponic, hydroponic, Net & Poly House



Air Aloo -AT

- Produced under aeroponic growing methods in environmentally controlled conditions
- Disease & pest free
- Purity >99.0%
- Size 3-5 gms
- Firm tuber skin
- >1 bud per tuber
- Active axillary buds
- Fungicide treated
- Assured survival
- Uniform & high germination, accelerated growth after planting
- Suitable for soilless mini-tuber seed production, early generation seed production
- Supplied in boxes (air/sea/land transportation worthy packing)



Air Aloo -ST

- Produced under soilless growing methods under environmentally controlled conditions
- Disease & pest free
- Purity 99.0%
- Size 2-15 gms
- Mature & firm tuber skin
- >2 buds per tuber
- Active axillary buds
- Fungicide treated
- Assured survival
- Uniform & high germination, accelerated growth after planting
- Suitable for early generation seed tuber production
- Supplied in boxes (air/sea/land transportation worthy packing)



Air Aloo -EG

- Produced in open field under low vector pressure using seed plot technique
- Disease & pest free
- Purity >98.0%
- Size 25-55 gms, >55 gms
- Firm tuber skin
- >3 buds per tuber
- Active axillary buds
- Assured survival
- Uniform & high germination, accelerated growth after planting
- Suitable for commercial crop cultivation
- Available in generation 1, 2 & 3
- Supplied in boxes (air/sea/land transportation worthy packing)
- Yield potential 45-60 MT/H*

* Subject to following complete precision farming practices.

VARIETIES

Processing : Kufri-Chipsona 1, Kufri-Chipsona 3, Kufri-Frysona, Lady Rosetta.

Table : Kufri-Khyati, Kufri-Badshah, Kufri-Lauvkar, Kufri-Surya, Kufri-Himalini, Kufri-Mohan, Kufri-Ganga, Kufri-Chandramukhi, Kufri-Lima, Kufri-Neelkanth, Kufri-Bahar, Kufri-Pukhraj, Kufri-Jyoti.



QUALITY ASSURANCE

- Quality is a way of life at Jain's. We have a well-equipped, multi-disciplinary laboratory for controlling quality of tissue-raised plants.
- Disease diagnosis laboratory for testing Bacterial, Fungal, Viral diseases and Pests, Virus elimination laboratory for virus eradication from the tissues, Molecular biology laboratory for testing genetic purity of the plants, Microbiology laboratory for testing initial tissues, nutritive growth media, microbial load in water and air, dissection instruments are in place.
- Maintaining traceability through the labelling of every batch for source of mother tissue, disease diagnosis, Genetic fidelity, Propagation cycles, Propagation media, Roguing of somaclonal variants, and Vector monitoring reaffirm our commitment towards delivering highest quality that build up confidence in our customers.
- No or minimum variation, disease-free seed tubers, assured tuber germination after field planting, uniform and robust growth, high genetic purity are the results of quality assurance during the production process.

RESEARCH & DEVELOPMENT

- JISL firmly believes that sustainability of any technology and of the business can only be achieved by the process of novelty and innovation. Continual improvement and innovations have been the intrinsic values of the company ever since it was founded. Consistent efforts and strong commitment led us to become the 'World Leader' in the field of tissue culture.
- We have been successful in improving the traditional potato seed tuber production technology by way of advanced research. Our major focus is concentrated in the development of quality seed tubers, new product and variety development.

SALES & SUPPORT

- Jain Air Aloo are made available for direct lifting during potato production seasons.
- Customers are advised to book their seed demand 6 to 12 months in advance.
- Jain Air Aloo are supplied in boxes (air/sea/land transportation worthy packing).



Strict Quality Assurance



Product / Variety Development



Jain Rainport System for Higher productivity



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