

PATENT PENDING: 201711019890

PUNJAB: The leading producer of Mandarins (Kinnow)

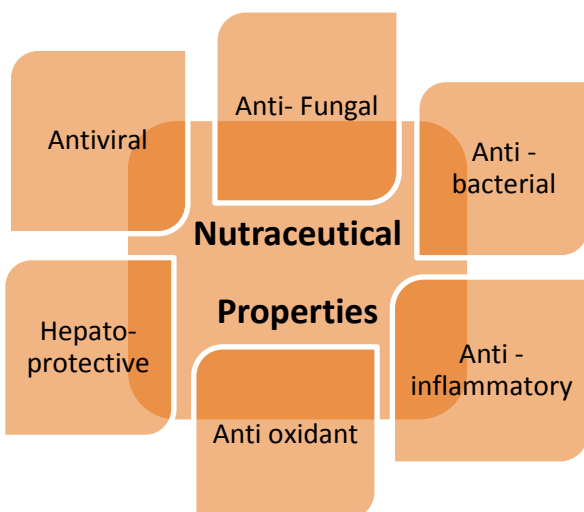
Punjab is the leading producer of Mandarin fruit, as it contributes to about 2/3rd of the total Mandarin fruit production in India, with Abohar and Hoshiarpur regions leading in the production.

Mandarin Pomace: A Gold Mine of Bioactives

Bioactives in Mandarin Peels

Terpenoids

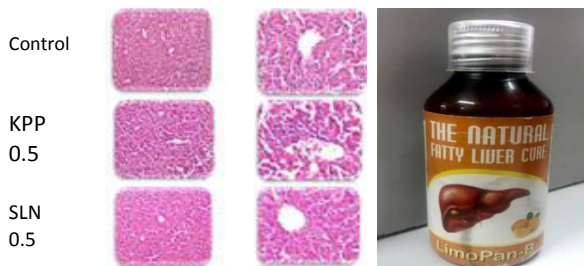
Polyphenols



TECHNOLOGY INTERVENTION: NANOFORMULATIONS



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- Improved muscle mass.
- No antibiotic dependence.

BENEFITS OF NANO-NUTRACUTICAL FORMULATION

- IMPROVED MUSCLE IN POULTRY BIRDS,
- NO ANTIBIOTIC DEPENDENCE,
- REDUCE FATTY LIVER ACIDS

The major limitation in realizing the potential of these nutraceutical bioactives is their hydrophobic nature, Premature metabolism and lack of receptors on intestinal cells, thereby causing efflux

- * This renders them low bioavailability
- * This technology enhance the utilization of nano - nutraceuticals

GLP CERTIFIED-TOXICITY CLEARANCE √√

- Acute Oral Toxicity - Study No.: AOT-01/18
- Repeated Dose Oral Toxicity-Study No.: ORT-02/18

Clinical Trials on Humans are also being conducted at a premier Medical & Research Institute in the State of Punjab (India)



Fatty Liver → Healthy Liver

