

Goat Milk – A New Initiative

Under the aegis of Rajasthan state's pioneer in Cooperative Societies, Dr. Veena Pradhan, MD, Rajasthan Cooperative Dairy Federation Ltd. Jaipur, under the guidance and promotion from Smt. Anandi, District Collector, Udaipur, The Udaipur DugdhUtpadak Sahakari Sangh Limited, Udaipur has started its collection center of goat milk at Baghpura Village in Jhadol Tehsil. This Project aims to pack goat milk in 200 ml. bottles and distribute it through its milk booths. The Project is giving positive results in the initial stage itself.

Milk is mainly used in daily consumption, making sweets and other milk products. As per information from the domestic market, presently there is lot of awareness in the society regarding the benefits of goat milk, but because of the reducing number of milking goats and the producers in this enterprise, it is not being properly collected nor distributed systematically. It is observed that goat milk producers get better monetary returns which plays a vital role in shaping the rural economy.

Goat is ranked 3rd in global production. Goat milk has higher percentage of calcium and phosphorous as compared to cow and human milk. Medium chain triglyceride(MCT) and protein are also present in more concentration in goat milk. Therefore, goat milk is considered more beneficial for health and maintaining proper lipid profile. Even the curd produced out of goat milk is quite beneficial for ulcer patients. Along with that goat milk is immune to virus related to cancer, allergy and heart diseases. Historically goats are classified as domestic animals from the ancient civilizations. Considering the Indian terrain and demography, goats are more tolerant to diseases and they adjust easily with nature in difficult climatic conditions than other livestock and thereby become an important chain between this species and the livestock industry.

Small and marginalized farmers prefer goats because of their lower cost of maintenance, short span of pregnancy, high breeding quality and soft nature. Goats are found nearly in all the continents and there has been a positive increase in their numbers. Asia holds first place in goat

farming, where China is the main contributor out of all. Second place is held by India, where goat population is mainly present in the states of Uttar Pradesh, West Bengal and Bihar. Various species and breeds are mainly found in Gujarat, Maharashtra, Odisha and Rajasthan.

Milking goats can produce 1 to 4 litre of milk daily whereas goats bred for dual purposes (milking and meat) produce an extra half to one litre milk as compared to normal milking goats.

Goat milk plays an important role in adding nutritive value in humans. Cottage Cheese (Paneer), Butter, Yoghurt (Curd) etc. liquid drinking products are also prepared using goat milk.

Out of all continents, Asia has been the biggest producer of goat milk with a contribution of 58.35%.

After Asia, China is the largest producer of goat milk, wherein there has been no significant rise in the production of goat milk in spite of having a large population, because they are mainly used for meat purpose. Goat milk is rich in Vitamin A as compared to cow milk and is equivalent to human milk.

In comparison with cow milk, goat milk has ample quantity of Vitamin C in it. Its qualities of easily diluting with water, antioxidant, antiviral and anti-allergies affect the immunity regulations. In comparison with cow's milk, goat milk has more quantity of potassium, calcium, phosphorous, selenium, carbohydrate and zinc. Various minerals have different effects on health. Potassium is important for the functioning of muscles and kidney. Calcium strengthens bones. Selenium helps in protecting cells from disintegration and body from heavy metals. Zinc is one of the main components

of enzymes which is involved in movement of Carbon dioxide.

This is the reason this milk is resistant to bacterial activities. With a comparative perspective, cow milk is cheaper than goat milk and is available in ample quantity, whereas goat milk availability is less due to low production, climatic diversity and small period of milking. Goat



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milk has always been considered better than cow milk in terms of nutritive value. Its digestive, alkalinity and medicinal value make it a nutritive diet for kids and elderly people. Goat milk is a divine boon as compared to cow milk for allergic patients because of its medicinal properties.

Goat milk has been proven and tested as best for treatment of allergy and cancer. Allergy can be acute and old but goat milk's distinctive structure is very beneficial for people who are moderately or acutely suffering from allergy. We can reduce the allergic effect in kids to a certain extent using goat milk.

Goat milk has high quantity of Conjugated Linoleic Acid (CLA). Its Anti Carcinogen characteristic has played

a very important role in the treatment of Colorectal and Breast Cancer.

Goat milk builds up immunity. It is very effective in the treatment of deadly diseases like dengue and chikungunya. The only drawback in meeting the market needs is its low production and availability, which makes it more expensive. It can be a good source of income for animal keepers.

However, it is still to be proven scientifically that how effective goat milk is for curing these diseases. Interest of Animal keepers, support from government and non-governmental organizations and banks etc. are important components which can be a socio-economic development milestone for goat keepers at small levels.



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Vaishal Patliputra Dugdh Utpadak Sahakari Sangh Ltd. (VPMU), Patna popularly known as Patna Dairy Project, Patna is one of the affiliated Milk Union of Bihar State Milk Cooperative Federation and is engaged in processing of milk, manufacturing of several Dairy Products under the brand name of "**SUDHA**" and manufacturing of various types of Cattle Feed Products under the brand name "**SUDHADAN**".

VPMU for its Plant and associated units across different parts of Bihar intends to procure several types of raw materials, food ingredients, additives of all types and various types of chemicals, process instruments, several mechanical and electrical equipments and spares, metal pipes and its fittings, IT Hardware and its spares and software, various types of stationery etc. on regular basis from its registered vendors.

Hence reputed interested suppliers of above materials are requested to get their firm/organization registered with us. For more details please visit our **website www.patnadairy.org** (Vendor Registration Form), and send us the dully filled Registration Form along with the requisite document in prescribed format as mentioned in form. For any tenders and related informations suppliers may visit our **website: www.patnadairy.org**