## RENNET FOR NEPALESE FARMERS

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#### Do You Know What Rennet Is?





- Retrieved From the Stomach Lining in Ruminants
- Assists the Cheese Making Process





#### What Is A Rennet Tablet?



## They Are A Tablet That Converts Milk Into Cheese Curds





#### **How Do Rennet Tablets Work?**









- Needs 4 gallons of milk per tablet
- 30-45 minutes to create curds
- Costs \$7.95 CDN per 10 tablets
- Costs \$50 CDN per 100 tablets



### Nepal





#### Geographical Regions



Hills





#### Milk Production

- Cattle
- Goats
- Buffaloes



Category	Numbers (Million)
Cattle	7.25
Buffaloes	5.13
Goat	9.52
Sheep	0.80
Pigs	1.14
Fowl/Chicken	45.2
Duck	0.37

Products	Amount	Unit
Milk	1622	000, metric to
Meat	287	000, metric tons



# So How Does Rennet Tablets Help Nepal?



- Provides Another Product for Farmers
- Potentially More Jobs
- More Food
- Creates a Milk Product
- Can Last A Long Time
- Easily Produced
- Cheap





#### **Benefits To Canada?**



#### Helps Small Canadian Cheese Companies







- Create more Revenue
- **■** Expansion Opportunity
- Create More Canadian Jobs





#### In Conclusion

- Helps Nepalese Farmers
- Helps Canadian Cheese Producers







#### **Works Cited**

- http://cdn.shopify.com/s/files/1/0172/8570/products/IMG\_3446\_1024x1024.jpg?v=1361061969
- http://images.wisegeek.com/wedge-of-cheese-cut-from-wheel.jpg
- https://blogs.scientificamerican.com/oscillator/files/2012/12/Stirring\_curd-1024x768.jpg
- http://i.infopls.com/images/mnepal.gif
- http://www.nepalmountainnews.com/cms/wp-content/uploads/2015/10/trekking-namche\_bazaar-nepal-mountain-himalayas.jpg
- https://www.colourbox.com/preview/2218051-green-rice-fields-landscape-in-nepal-hills.jpg
- http://www.happytreksnepal.com/img/nepal\_terai.jpg
- http://agritech.tnau.ac.in/animal\_husbandry/images/milkman.copy.jpg
- http://files.ctctcdn.com/5ba99a0b101/9d94a593-60e7-4be4-bba2-ff0a7b6722d4.jpg
- http://media.gettyimages.com/photos/lifestylenepalfood-by-claire-cozens-a-picture-taken-on-june-30-shows-picture-id89049929
- https://dqam6mam97sh3.cloudfront.net/blog/ausl/wp-content/uploads/sites/2/2015/02/homer.png
- http://www.himalayanmountaintreks.com/wp-content/uploads/2011/05/uppermustang1.jpg
- http://www.mtbarkervet.com.au/Images/baby%20calf\_vp.jpg
- https://www.culturesforhealth.com/wp/wp-content/uploads/2016/03/Rennet-And-Other-Popular-Coagulants-For-Home-Cheesemaking header.jpg
- http://thehimalayantimes.com/multimedia/photo-gallery/myagdi-farmer-milking-buffalo/
- http://culinairemagazine.ca/sites/default/files/styles/article\_image/public/field/image/springbankcheese010-web\_0.jpg?itok=dnjsd
- Hallam, A. Duality in consumer theory [PDF document]. Retrieved from Lecture Notes Online Web site: http://www.econ.iastate.edu/classes/econ501/Hallam/ index.html
- Roberts, K. F. (1998). Federal regulations of chemicals in the environment [PowerPoint slides]. Retrieved from <a href="http://siri.uvm.edu/ppt/40hrenv/index.html">http://siri.uvm.edu/ppt/40hrenv/index.html</a>
- Devkota, S. Upadhyay, M. (2013). Agricultural Productivity and Poverty Reduction in Nepal. Review of Development Economics, 17(4), 732-746
- Haenlein, G. F. W, (2003). Goat Milk in Human Nutrition. Small Ruminant Research, 51(2), 155-163
- Zicarelli, L, (2004). Buffalo Milk: Its Properties, Dairy Yield and Mozzarella Production. Veterinary Research Communications, 28, 127-135
- Springbank Cheese Company. (2106). Springbank Cheese Company. Retrieved from https://www.springbankcheese.ca/catalog/

