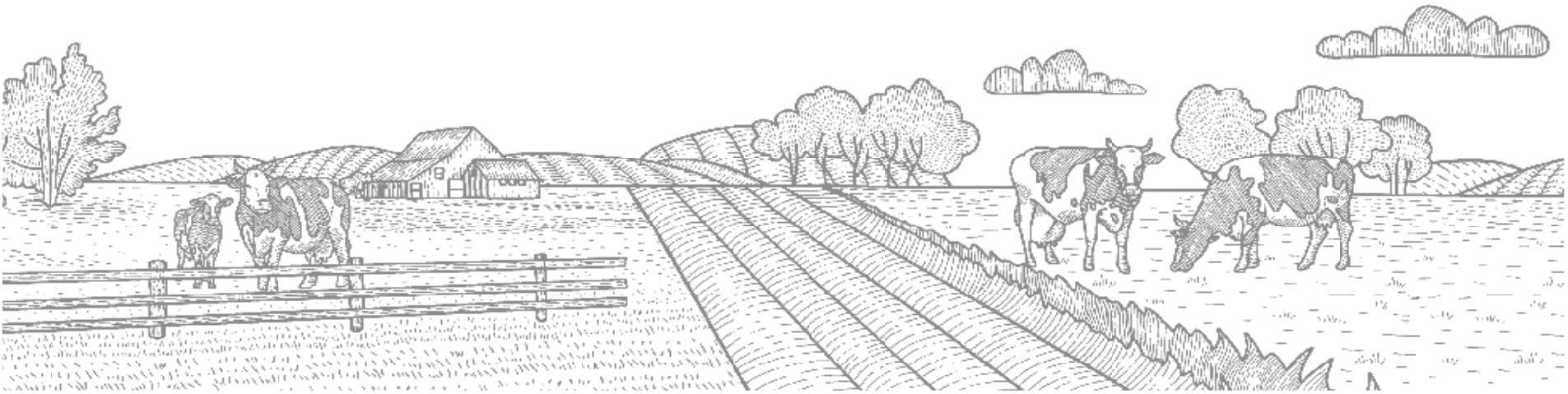




Emerging technologies in animal husbandry and retailing



About Chitale Dairy

- Established in 1939 by Bhaskar Ganesh Chitale
- Started off small with sending a few liters of milk via train to Pune
- Currently procures close to 1 million liters of milk every day
- 65% of milk is sold as pouch milk
- Remaining is converted into Products such as Shrikhand, Dahi, Butter, Ghee, Cheese, Paneer, Buttermilk, Lassi, Etc
- Only surplus milk is converted into milk powder and butter



Rising cost of milk

- Low yielding genetics
- Increased production expenses
- Transportation cost
- Fluctuation in fodder pricing
- Low yielding genetics

Chitale®



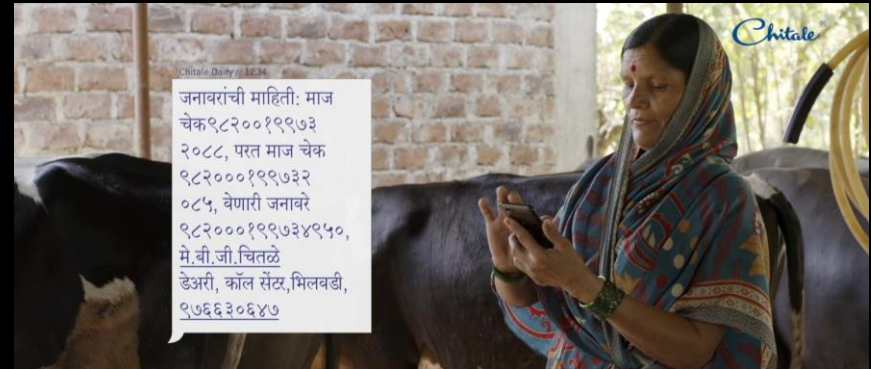
Opportunity

- Enhance dairy cattle potential
 - Selective breeding
 - Improved management practices
 - Better feeding patterns

What's Chitale Dairy Doing to improve efficiency?

- Cows to Cloud

- 10,000 cattle tagged in our system
- Free of charge service to our cattle farmers
- Text messages about cattle health to farmers in local language
- Pathogenic laboratory to improve disease management
- We store and analyze data to improve cattle health and yield per cattle
- Farmer training program



What's Chitale Dairy Doing to improve efficiency?

- Next phase Grass to Glass
 - 50,000 cattle tagged in our system
 - Better technology adaptation for rumination patterns
 - Exploring peptides which act through an immune modulator effect that enables management of infectious and chronic diseases without the use of antibiotics (Mileutis based in Israel)
 - 10,000 couple farmer training program
 - Contract farming for maize & silage
 - Develop low cost high yielding feed



Questions?