

Cornext Rural Fodder Entrepreneurship Model

Integrated with E-Marketplace

Prepared for **VIVATECHNOLOGY2021**



Pioneering Fodder Revolution in India



2015

Founded

+1,20,000 MT

Cornext Silage supplied in
Public & Pvt. Markets

200 Mini Balers

Entrepreneurs in India
& Overseas

10 Countries

Exports

+18 States

Our Presence in India



Silage



BALED SILAGE

Naturally fermented green forage compacted (into bales) and stored in anaerobic conditions which can be used throughout the year.

Naturally Preserved, Highly Nutritious, Affordable



24 x 7 x 365

**12 months
Shelf-life**



**Good Quality
& Stability**



**Increase in
Milk Yield**



**Better Animal
Health**



**Higher
Profitability**



**High Compaction
More Storage**

Good Quality Silage Bales

Features of Best quality Silage

- Green & Brownish in colour; Vinegar smell
- Compaction or density must be at least 600 kg/m³
- Moisture while baling should be between 65% and 75%
- Chopping length must be less than 2 cm.

NUTRITIONAL PARAMETERS	UNIT	VALUE
Dry Matter	% as Fed	30-35%
Crude Protein	% DM	7-9%
Total Digestible Nutrient (TDN)	% DM	70-75%
Digestible Crude Protein (DCP)	% DM	5-6%
Acid Detergent Fiber (ADF)	% DM	20-33%
Neutral Detergent Fiber (NDF)	% DM	35-55%
Aflatoxin B1	ppb	<20
Digestible Energy (DE)	MJ/kg DM	13.1
Metabolizable Energy (ME)	MJ/kg DM	10.8
Acidity	pH	3.5 – 4.5



Baled Silage Manufacturing Process



1. Crop Sourcing



2. Harvesting



3. Inoculation



4. Compaction



8. Consumption



7. Loading & Transportation



6. Bales Stacking



5. Film Wrapping

Cornext Mini Silage Baler



World's Most Cost Effective Silage Baler

MSB500 AT PRO HIGHLIGHT

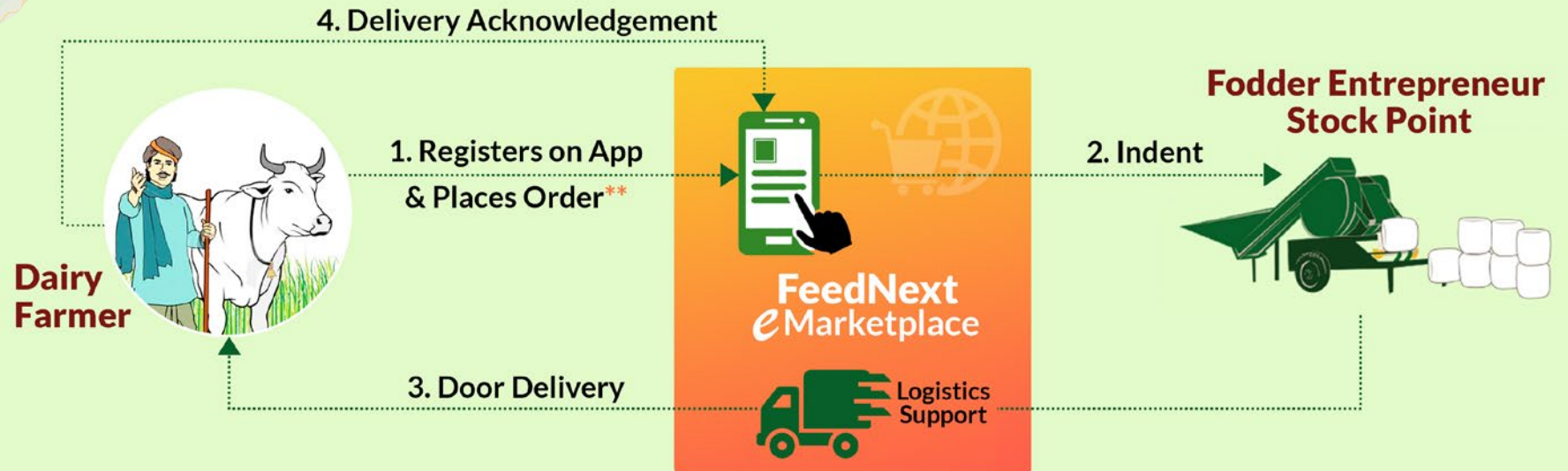
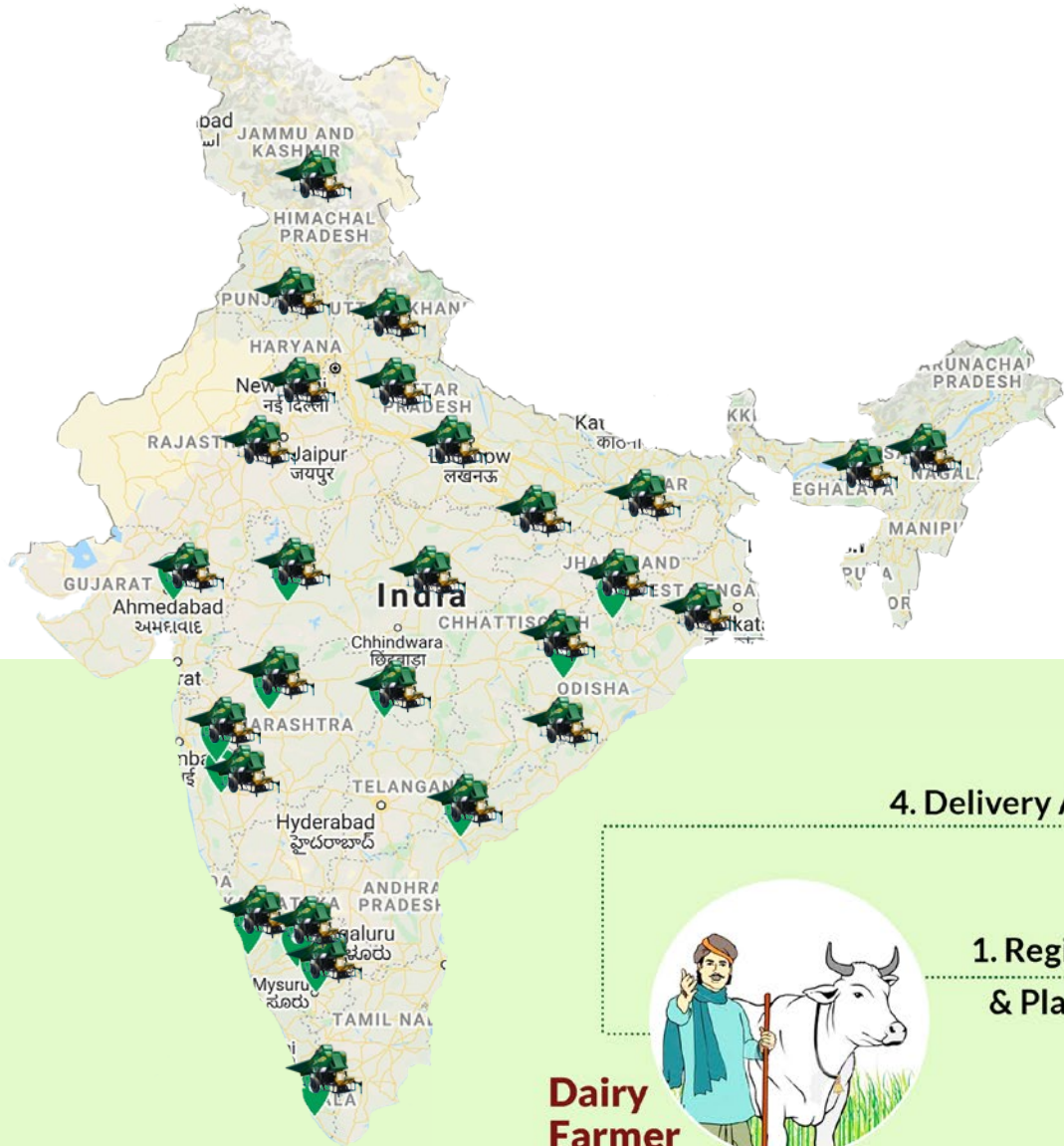
- Automatic Count of Wrapping Layers through Buzzer System
- Automatic Calculation of Bale Density
- Automatic Bale Weighment for Every Bale
- 3-Phase Power Input (or) Generator Power Input
- Hydraulic Lever Operated

MACHINE SPECIFICATION

Machine Dimensions (W x L)	1200 x 3000 mm
Kerb Weight	1500 kg
Power Source	3-Phase Electricity or Diesel Generator Set
Machine Output (bales/hr)	40 bales per hour
Machine Output (in MT) *	20-25 MT per day
Bale Dimensions	500 x 500 mm
Bale Weight **	60-80 kg

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Cornext Rural Fodder Entrepreneurship Model

MoU Highlights

- Silage Buyback Guarantee
- Access to eMarketplace
- Training & Technical Support
- Workshops & Skill Development
- Information on all Govt. Schemes

Impact of a Single Silage Making Unit

2000 MT
Baled Silage/ year

100 Days
of fodder for
2000 cattle

2,00,000 litres
increase in
Milk Production



2000
Cattle saved
From Starvation

Improvement
Milk Yield &
Animal Health

150 acres
Maize Harvesting

15 Jobs
Per Unit

OUR CLIENTS



Government of
Maharashtra



Government of
Madhya Pradesh



TEAM CORNEXT



MADHAV KSHATRIYA
Founder | MD
CEO

Holds an MBA, has been an entrepreneur with 8 years' experience in the Dairy Industry.



AMARNATH SARANGULA
Founder | Director
FINANCE & MANUFACTURING

An IITian with a sound background in Engineering and Strategic planning. He has prior experience of working with BHEL.



FEROZ AHMED
Founder | Director
LOGISTICS & MARKETING

Holds an MBA, and has 15 years' experience in Logistics sector adding strength to the logistics and operations division.

Team Cornext with its diverse skill set and in-depth experience in Baled Silaging is perfectly aligned with the Innovative Solutions that it has to offer to the Fodder Industry



THANK YOU



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