

A GEOGRAPHICAL STUDY OF CO-OPERATIVE DAIRY FARMING A CASE STUDY IN JALGAON DISTRICT.

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The Jalgaon Jilha Sahakari Dudh Utpadak Sangh Limited, Jalgaon was established in November 1971 under the "Operation Flood" programme. This programme is the world's largest Dairy Development Programme. It is implemented and financed by the National Dairy Development Board (NDDB).

The Jalgaon Jilha Sahakari Dudh Utpadak Sangh Limited is popularly Known as 'Jalgaon Milk Union'. The Union has a Dairy Plant of 3 lakh litres per day milk processing facility. It has large capacity to manufacture products like whole milk Powder, Skinned Milk powder, White Butter, Table Butter, Ghee, Paneer, Shrikhand etc. The total chilling capacity of these centres is 1.50 lakh litres per day. The Union also has a cattle Feed Plant of 100 MT per day capacity and a modern sperm station with well equipped laboratory to process, packing and distribute high quality semen from pedigreed bulls of different breeds of cows and buffaloes.

Objective- To study the some aspects of co-operative dairy farming in Jalgaon District.

Description- The Union is providing various technical input services to the milk producers of Jalgaon district i.e. breeding programme for improving the milch breeds, Veterinary aid for their health and management through a self employment programme, quality feeds for high and average yielders and pregnant animals. The Union has also undertaken various educational and training programmes for farmers for efficiently managing the Dairy co-operative societies. Due to these training programmes, the milk production should be increased and economic upliftment of the milk producers should be taken place.

The Union has performed well on the physical front in the first 15 years of its existence. But it always performed very poorly on financial front leading to losses years after years. The Unions performance declined steeply after 1990 due to poor management of

physical and financial resources. From 1995, various operations of the Union had come to standstill and the Union incurred heavy losses. As a result, the Unions milk procurement came down to a level of about 5,000 litres per day. It had accumulated the losses to the tune of Rs. 16.63 crores as on 31st August 1995. The Cattle Feed Plant has also been closed due to heavy accumulated losses. There out of four Chilling center were also closed. The employees too were not paid salaries for 6 months and producers also were not paid for the milk supplies by them.

As a result; the milk producers of the district petitioned the Government of Maharashtra and the State Government handed over the management of Union to NDDB for farmer's rehabilitation through managerial and financial intervention.

NDDB MANAGEMENT - Under the effective and professional management of NDDB and its prudent administrative and business policies and decisions, the Union has started growing from strength to strength from 1996. The current management has not only reduced arrested the losses but is also pasting attractive profits every year since 1996-97. As result, the union's accumulated loss of Rs. 16.63 crores in August 1995 has reduced to only Rs. 10.08 crores by 31/3/2004. Adopting sound management practices and financial discipline, the Union has also generated enough funds from its internal accmals to repay loans and interest amounting Rs.20.36 crores to different Lending agencies. In addition to above, the Union has also discharged other liabilities and old dues of milk producers, other suppliers, transporters, statutory liabilities and salaries of employees amounting to Rs.4.03 crores. Presently there are no over dues pending. The cattle feed plant, which was closed in 1995 is now operating with 100% capacity. This plant is wiping out the past losses and is generating surplus every year. The overall efficiencies are improved in each

Annual Turnover and Profit / Loss of co-operative society (Vikas)

Sr.	Details	94-95	95-96	96-97	97-98	98-99	99-00
1.	Annual Turn over (Rs.in lakh)	2470.00	2212.51	4823.75	4944.94	5121.08	5851.12
2.	Profit / Loss (Rs.in lakh)	-233.39	-239.68	45.34	122.17	69.33	115.28
2000-01	2001-02	2002-2003	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008
5980.74	6148.00	6709.01	7866.01	8375.00	10589.00	11457.73	13417.00
62.05	78.00	101.53	54.46	101.69	107.87	149.10	163.45

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area of operation and management. The farmers of the district have reposed faith and confidence in the new management and leadership of the Union Once a dying Union is today an ISO 9001-2000 and HACCP accredited co-operative, a real jewel in the crown. In 1995, the procurement of milk was only 5000 litres.



But now, the Union is procuring about 1.00.000 litres milk per day from its affiliated 645 functional Primary Milk co-operative societies setted in the vilage of Jalgaon district. This milk is prcessing into milk and value added products. The Union is also helping the farmers of other Milk Unions in the Region and Government of Maharashtra in processing their surplus milk into milk products like Powder, Butter etc. Similarly, starting with a small market of only about 5000 litres in 1995, the Union is now marketing about 1.00.000 LPD and large quantities of milk products under 'Vikas brand name through a wide network of wholesalers and retailers in about 40 towns and cities in 10 districts including Jalgaon. The Union is also supplying liquid milk and milk products in bulk to the prestigious dairies like Mother Dairy, Delhi and Metro Dairy, kolkata, District milk Unions and State Milk federations of Bihar, Orissa and Maharashtra. The annual turn over of Vikas Society is low in 1994-95 and 1995-96. It is only Rs.2470-00 lakh and Rs. 2212-51 lakh in 1994-95 and 1995-96 respectively. The Union was in loss in these two years. But after 1996 the annual turn over of Vikas Society is gradually increasing year by year. Hence the Union is in profit since 1996.The rate of increasing turn over and profit is fluattuating in different years. But over all the turn over and profit is increasing from 1996. In 1995-96, the turn over was only Rs.2212.51 lakh, It increases upto Rs.13417.00 lakh in 2007-08 and the Union was in loss in 1995-96 which is in profit upto Rs.163.45 lakh in 2007-08.

Functional DCS -The Union has identified 25 DCS initially to be covered under the ISO : 9001/2000 certifications under the clean milk production programme. The function DCS were only 452 in 1995-96. After 1996 the number of DCS'S increase gradually by 274

up to 2000-01 Between the period of 2001 – 02 to 2004-05, they were decreased by 80 byt since 2005-06 again the DCSS are increased by 30 and in 2007-08, the functional DCS were 738.

Conclusion-The Vikas Federation has been done tremendous efforts for quality and productivity improvement under the kind control of present management. The improvement is in its epuipments and processes. The union invested large amount of capital to develop and modify the infrastructural facilites as.

1. The Union installed two large capacity power Generating sets at Daing and cattle feed plant.
2. The Union has been achieved ISO 9001-2000 and HACCP cerification for chilling contre. The Union is first union in maharashtra and fourth in the coruntry to cover all its units under ISO certification.
3. Construction of new 1 Lakh litrer perday capacity liquid milk packing cection.
4. Replucement of old past euridation plant by a new high regenation plant of 10,000 lits/hr. Cupacity.
- 5.Increase of milk cold storage capacity from 25,000 lits to 1 Lakh litren.
6. Installation of a new crate washer for washing of milk crates.
7. Construction of seperate reception dock for milk crates.
8. Replacement of old manually of eated CIP unit with a new seve autowatic CIP system.
9. Construction of old indigenous products section.
10. Expansion of milk despatch dock to take care of tue increasing milk marketing.
11. Replucement of old cream pasteuriser with a new high efficiency plant.
12. Replacement of old homogenizer of 5000 LPH with an imported 10,000 LPH capacity homogenizer having excellent homogrnizing efficiency. Futher, in order to improve the quality of milk the uion has started clean milk production programme in the distric.

In tais process the uion is encouraging the DCS to adopt modren and scientific milk collection and testing methods with the help of technologically advanced equipments. The Union is also conducting awareness programmes and workshops for farmers and DCS employees to eucourage clean milk production.