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27. A Study of Milk Production in India

Prof. Suryawanshi Sharad Kantilal

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Abstract

Dairy is one of the fastest growing sectors in the Indian agricultural industry. The Dairy sector in India has experienced significant change in structure and operation in the recent two decades. In supplementary business to farming is animal husbandry, dairy-farming, fishery and poultry-farming. In Indian industry dairy farming has important role in economic development.

Key Words: Milk, Production, State, Ingredients, Products, Exports

Introduction

Dairy industry is of crucial importance to India. The country is the worlds biggest milk producer country Worlds total milk productions 13 percent milk productions are produced by India. India is the worlds largest consumer of dairy and milk related products and consuming almost 100 percent of its own milk production. In milking products major source of nutrition's like Milk provides many essential nutrients. These include Phosphorus, Calcium, Vitamin A, Vitamin D (in products fortified with vitamin D). Riboflavin, Vitamin B12, Potassium, Zinc, Choline, Magnesium, Selenium etc. An Indian population, particularly among the landless, small and marginal farmers is engaged in dairy sectors.

Dairying has been considered as one of the activities aimed at alleviating the poverty and unemployment especially in the rural areas in the rain-fed and drought-prone regions. In India, about three-fourth of the population live in rural areas and about 38% of them are poor in 1986 87, about 73% of rural households own livestock. Small and marginal farmers account for three quarters of these households owning livestock, raising 56% of the bovine and 66% of the sheep population. According to the National Sample Survey of 1993-94, livestock sector produces regular employment to about 9.8 million persons in principal status and 8.6 million in subsidiary status, which constitute about 5% of the total work force. The progress in this sector will result in a more balanced development of the rural economy.

Dairy is the single largest agricultural commodity contributing 5 per cent of the national economy and employing more than 8 crore farmers directly. India is ranked 1st in milk production contributing 23 per cent of global milk production. Milk production in the country has grown at a compound annual growth rate of about 6.2 per cent to reach 209.96 million tonnes in 2020-21 from 146.31 million tonnes in 2014-15

Objective of the Study

1. To study the top milk products
2. To Study the milk production in India
3. To Study the top 10 milk producer states in India
4. To Study the Export of milk products from India

Methodology

The study is based on secondary data. The data will be collected from government horticulture office, district agriculture office, magazines, newspapers, government websites, etc.

Top Milk Products

1. Lassi
2. Dahi
3. Paneer
4. Butter milk
5. Cheese Slices
6. Milk Shakes
7. Milk Cold Coffee
8. Chokobar
9. Haldi Doodh

Milk Production in India

Table No. 1

Total Milk Production in India

Sr. No.	State	Production (Million Tonnes)	Increase (Million Tonnes)
1	2010-11	121.8	5.4
2	2011-12	127.9	6.1
3	2012-13	132.4	4.5
4	2013-14	137.7	5.3
5	2014-15	146.3	8.6

6	2015-16	155.5	9.2
7	2016-17	165.4	9.9
8	2017-18	176.3	10.9
9	2018-19	187.7	11.4
10	2019-20	198.4	10.7

Source: Department of Animal Husbandry

The above table indicates that the milk production in the year 2010-11 to 2019-20. In the year 2010-11 India's milk production was 121.8 million tones and in 2019-20 were increased by 76.8 million tones i.e. 198.4 million tones.

Top 10 milk producer states in India – 2019-20

Table No. 2

Top 10 Milk Producer States in India- 2019-20

Rank	States	<i>in million metric tons</i>
1	Uttar Pradesh	30.52
2	Rajasthan	23.67
3	Madhya Pradesh	15.91
4	Andhra Pradesh	15.04
5	Gujarat	14.49
6	Punjab	12.60
7	Maharashtra	11.66
8	Haryana	10.73
9	Bihar	9.82
10	Tamilnadu	8.36

Source: Department of Animal Husbandry

The above table shows that Top 10 milk producer states in India. In India Uttar Pradesh have 30.52 million metric tons production and in Tamilnadu milk production was 8.36 million metric tons.

Export of milk products from India-2021-22

Table No. 3

Export of Milk Products from India-2021-22

Sr. No.	Country	Qty (in MT)	Value (in Lakh)
1	Bangladesh	31,479.17	68,445.60
2	U Arab Emts	13,159.59	43,859.67
3	Baharain Is	6,784.31	21,485.15
4	Malaysia	8,900.47	18,921.25

5	Saudi Arab	5,031.01	18,579.99
6	Qatar	4,639.60	18,195.36
7	Bhutan	10,600.58	15,186.82
8	U S A	3,355.81	14,193.23
9	Singapore	5,830.20	10,972.60
10	Morocco	3,300.00	10,258.10

Source: DGCIS Annual Export

India Export milk products to Bangladesh 31,479.17 MT and to Morocco 3,300 MT and Value Rs 68,445.60 Lakh and Rs. 10,258.10 Lakhs respectively

Conclusions

In India Utter Pradesh have top rank in milk production as compared to other state and having 30.52 million tones milk production. In India milk production was increased year by year in 2010-11 milk production was 121.8 million tones and in 2019-20 milk production increased up to 198.4 million tones.

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