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GRT AREA, PRODUCTION AND YIELD OF SUGARCANE CROP IN NANDED DISTRICT

Choudhari Govind Pandurang

Asst. Professor , Pansare Mahavidyalaya, Arjapur Tq. Biloli Dist. Nanded

Abstract:- Sugarcane is the main sugar producing crop that contributes nearly 95% to the global sugar pool. Sugarcane is the native of India. Besides India as a major producer of sugarcane and sugar in the world, it is grown mainly in Brazil, Cuba, Pakistan, Thailand, Philippines, Argentina, Colombia, Indonesia and South Africa.

Keywords: Area, Production ,agriculturists , Sugarcane Crop .

INTRODUCTION:

In India it occupies 3.0% (4.36 million ha) of the total cropped area. Sugar industry is one of the largest agro-processing industries, next only to cotton textiles. There are about 414 sugar mills producing 20.14 million tons (2002-03) of sugar.

In India Uttar Pradesh is the major sugarcane growing state, contributing about 48% of the area and 40% of the production. Other important cane growing states are Karnataka, Maharashtra, Andhra Pradesh, Tamilnadu and Bihar. In terms of productivity Tamilnadu ranks first with average productivity of about 110 t/ha followed by Maharashtra (80 t/ha) and Andhra Pradesh (72 t/ha) against a national average of 69 t/ha.(1)

Maharashtra is the second largest producer of sugarcane after Uttar Pradesh in area and after Tamilnadu in productivity. In India sugarcane is mainly used for the production of white sugar (50%), Gur and Khandsari (40%). Molasses, an important by-product of sugar industry is used for alcohol production.

CROPPING PATTERN

In Nanded sugarcane is generally grown after harvest of cotton, paddy, sorghum, maize, potato, pea, wheat etc in 2-3 year rotations. Popular rotations are:

2-year rotations

Maize-potato-sugarcane

Maize-sugarcane-wheat

3-year rotations

Rice-sugarcane-wheat

Cotton-sugarcane-sugarcane

Sorghum (fodder)-potato-sugarcane-wheat

Rice-chickpea-sugarcane-sugarcane ratoon-wheat

Rice-toria- sugarcane-sugarcane ratoon-wheat

Maize-wheat- sugarcane-sugarcane ratoon

In southern India sugarcane is taken in rice based cropping systems with following crops in 3-year rotations.

Rice- sugarcane-sugarcane ratoon-wheat

Cotton- sugarcane-sugarcane ratoon-wheat-rice

Cotton-sugarcane-chick pea

Sugarcane-sugarcane ratoon-Kharif rice-winter rice

Area, Production And Yield Of Sugarcane Crop In Nanded District

Rice-ground nut-sorghum-Ragi-sugarcane
Taking short duration intercrops with sugarcane is also a common practice.

The agriculturists in Nanded district, after having learned the importance of a cash crop like sugarcane, have started, in the last decade, the production of sugarcane. A total of 5,400 acres of land is under sugarcane in Kandhar tehsil. Nanded and Mukhed are the other tehsils where sugarcane is produced. The completion of Manyad Dam will increase the area of land under sugarcane by 2,500 acres. This has encouraged the scheme of starting a sugar factory on co-operative basis at Kalambar near Kandhar. The crushing capacity of the sugar factory is estimated to be 1,000 tons of sugarcane per day. The co-operative factory with an authorised capital of Rs. 25 lakhs made a share capital collection of Rs. 75,000 till August 1960.(2)

From the table, it may be observed that during the first two years i.e. 2002-03 and 2003-04, there is a slight or moderate decrease of 300 hectares in 2003-04 in the area of Sugarcane crop. The area under Sugarcane cultivation was 14,500 and 14,200 hectares respectively and the total produce obtained was 10,60,000 and 10,07,300 tonnes respectively which showed the yield of 73.10 and 70.94 tonnes/hectares.

During the year 2004-05, the area under Sugarcane cultivation has been decreased to 9,600 hectares and the production of the crop obtained was 4,71,700 tonnes which recorded the yield of 49.14 tonnes/hectares.

During the year 2005-06, there is a moderate increase of 300 hectares in the area of crop but the production was increased hugely by 1,89,500 tonnes and also increased the yield by 17.65 tonnes/hectares i.e. 66.79 tonnes/hectares with comparing earlier year. The data is not available for the year 2006-07 with the concern office.

During the year i.e. 2007-08 due to drought or like phenomenon the yield was 68.00 tonnes/hectares having the area under cultivation was exceptionally declined to 338 hectares wherefrom the total produce obtained was 22,985 tonnes.

In the last year under review 2008-09, the area under the crop cultivation was 38,400 hectares wherefrom the total produce obtained was 22,27,800 tonnes which showed the yield of 58.02 tonnes/hectares.

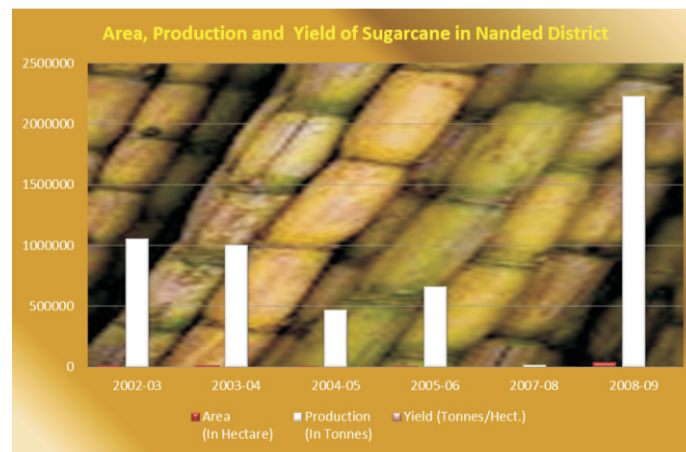
TABLE
AREA, PRODUCTION AND YIELD OF SUGARCANE IN NANDED DISTRICT
(2002-03 TO 2008-09)

Year	Area (In Hectare)	Production (In Tonnes)	Yield (Tonnes/ Hect.)
2002-03	14,500	10,60,000	73.10
2003-04	14,200	10,07,300	70.94
2004-05	9,600	4,71,700	49.14
2005-06	9,900	6,61,200	66.79
2006-07	NA	NA	NA
2007-08	338	22,985	68.00
2008-09	38,400	22,27,800	58.02
Increase/Decrease over review period	+ 164.82	+ 110.16	- 20.62

Source: Directorate of Economics & Statistics, Govt. of Maharashtra.

Note: NA- Not Available

GRAPH
AREA, PRODUCTION AND YIELD OF SUGARCANE IN NANDED DISTRICT



CONCLUSION:

In nutshell, it is also noteworthy that the area under Sugarcane production went up by 164.82% as well as the production is gone up by 110.16% whereas the yield is declined by 20.62%.

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Choudhari Govind Pandurang

Asst. Professor , Pansare Mahavidyalaya, Arjapur Tq. Biloli Dist. Nanded

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258/34 Raviwar Peth Solapur-413005, Maharashtra
Contact-9595359435
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