





SHAKARGANJ MILLS LIMITED

CAUSES OF LOW SUGARCANE YIELD

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MEASURES TO BE TAKEN

Following steps should be taken at industry level to increase sugar recovery and cane yield.

- Incidence of whip smut disease has been observed almost all over Punjab on HSF 240 especially on ratoon crop. It is now the appropriate time to take measures to eliminate this variety under a phased program. Seed nurseries of the new upcoming better sucrose and disease resistant varieties must be developed by each mill having predominantly HSF 240. The same can be used for seed propagation. Development of seed bank by all the sugar mills for spreading the early maturing and high yielding cane varieties acceptable for millers and growers.
- Awareness to the growers and training of the field staff on Integrated pest management of sugarcane crop.
- Interest free loans in kind should be given to the farmers at the door step for appropriate fertigation of the crop.



MEASURES TO BE TAKEN

Economic yields could be improved through reducing post-harvest losses in the field and process losses in the factory. Education of farmers through efficient extension/advisory services.

High yielding varieties with maximum sugar recovery, best suited under available resources.

- Dissemination of technology through Field days/Farmers training and demo plots.
- Credit facility/subsidy on inputs by Sugar Mill's and/or Financial institutions.
- Regular and timely payments to growers.
- Site-specific varietal testing for different ecological zones with
 - early, medium and late maturity groups.
- Inter-cropping with suitable crops for maximum yield and land utilization.
- Proper management and less reliance on ratoon crop.



MEASURES TO BE TAKEN

Close co-ordination of Cane Staff with each other during procurement of Sugarcane.

Due to acute water shortage the growers are facing great difficulties in irrigating cane crop as per requirement. Government must initiate program to provide sugar cane farmers Generators and Peter diesel engines on soft loans for overcoming the shortage.

A lot of extremely inferior varieties like CPF 239 (Fakhre Hind), CO 1148, L118 and SPF 220 are spreading in the central Punjab. Due to very less sugar recovery these varieties are strongly recommended to be declared¹ as banned varieties and cultivation of the same must be prohibited.



THANKS