

COMMISSION FOR AGRICULTURAL COSTS AND PRICES

Questionnaire for the Price Policy Report for Sugarcane for the 2013-2014 Season

Name of the State-

1(a) (i) Give area under sugarcane in the last five years and the estimates for the current year.

Sl.No.	Season	Area under cultivation (in lakh ha)	Area under sugarcane (in lakh ha)	% area under sugarcane to total area	% increase/decrease in sugarcane area over previous year
1	2	3	4	5	6

(ii) What are your observations on increasing/decreasing trend in the area under sugarcane?

(b)(i) Give production of sugarcane in the last five years and expected production in the current year.

Sl.No.	Year	Production of sugarcane (In lakh tonnes)	% Increase/or decrease over previous year
1.	2.	3.	4.

(ii) What are your observations on the production trend? Is there any abnormal increase/decrease in production of sugarcane in a particular year. If so, the reasons for the same may be indicated.

(c)(i) Give details of productivity of sugarcane in the last five years and estimated productivity in the current year.

Sl.No.	Year	Productivity (In tonnes/ha)	% Increase/or decrease over previous year
1.	2.	3.	4.

(ii) If the productivity shows the declining/stagnant trend, then please indicate the reasons for the same. Also, indicate the steps taken/proposed to be taken to increase the productivity.

(iii) Comment on sustainability of sugarcane production and region specific issues thereof?

(d) Also supply estimates of Area, Production and Yield of sugarcane, such as, Cane Commissioner's estimates which normally differ from those of the Agriculture/Statistics Department. Please indicate the steps taken to reconcile the differences in the estimates?

(e)(i) Give approximate area under early maturing, mid and late maturing varieties for the last three years and current year.

Sl.No.	Year	Area (In lakh ha.)			Percentage		
		Early	Mid	Late	Early	Mid	Late
1.	2.	3.	4.	5.	6.	7.	8.

(ii) Is the mix of varieties in terms of maturity consistent with the economic length of the crushing season? If not, the steps taken to have optimum mix of varieties.

(f)(i) Give proportion of area under ratoon and planted crop from 2007-08 to 2011-2012 and the target for 2012-2013 season.

Sl.No.	Year	Area under sugarcane (in lakh ha)	Area under ratoon crop (in lakh ha)	Area under planted crop (in lakh ha)	% of area under ratoon crop (in lakh ha)	% of area under planted crop (in lakh ha)
1.	2.	3.	4.	5.	6.	7.

(ii) Indicate the average yield per hectare under ratoon and planted crop for the last three years and current year?

Sl. No.	Year	Yield of ratoon crop (In tonnes/ha)	Yield of planted crop (In tonnes/ha)
1.	2.	3.	4.

(iii) What steps have been taken for increasing ratoon productivity?

(iv) Indicate duration of ratoon crop (time period), number of years ratoon cane crop is taken on the same field and the status of yield in subsequent years ratoon crop.

2 Has there been drought/flood conditions in your state affecting the production and productivity adversely? If so, give details indicating the extent of damage caused to sugarcane production and the steps taken to minimize the losses caused due to drought/flood conditions.

3 (a)(i) Describe in detail the incidence of major pests and diseases affecting the sugarcane production/productivity and the steps taken to combat such pests and diseases during the last three years and current year.

(ii) Has any pests and diseases developed resistance to available pesticide/ weedicide. If so, the details thereof.

(iii) Indicate the arrangements made to supply genuine pesticides to cane growers and the steps taken to prevent sale/supply of spurious pesticides?

(iv) Has any analysis been undertaken/proposed to be undertaken to find out the pesticide residue in sugarcane juice/sugar?

4(a) Give critical assessment of the working of the "Sustainable Development of Sugarcane Based Cropping System (SUBACS)", a sub scheme under the Macro Management of Agriculture (MMA). What are your suggestions to bring improvement in the scheme?

(b) What are the other schemes implemented/proposed to be implemented by the State Government/State Agriculture Universities/other Research Institutions/sugar industry for the development of sugarcane?

5 (a)(i) Give a list of the existing and newly developed high yielding/high sucrose content varieties in your state with details of sucrose content, yield, sowing and harvesting time, recovery percentage and the period of maturity and their susceptibility to diseases.

(ii) Area under HYV of cane, region-wise and total for the state, duration of the crop as compared to total area under cane in the state.

(iii) Indicate source-wise current availability of certified seeds vis-à-vis requirements. Please also indicate how the requirements have been calculated and how the shortfall of certified seeds is met.

(iv) List out the obsolete / banned varieties of sugarcane being grown in the state and the percentage area under it, the agency which purchases it.

(v) Describe area, yield, sucrose content, duration of the crop, number of irrigations required , consumption of fertilizers, power, water, and its pricing per hectare separately and combined for the state for the following:-

(a) High Yielding Varieties (quoting the variety name) of cane cultivation.

(b) Local/farm produce cane used as seed.

(c) Hybrid seed, if any cultivated (with name).

(d) Composite for the state of (a), (b) and (c) above.

(b) Do you feel that the planting of sugarcane through tissue culture technique is a better option? Is this technique cost effective? If so, list out the steps taken to promote planting of sugarcane through tissue culture technique. How much (percentage) of sugarcane is planted through this technique?

6 What are your views on use of genetically modified seeds in case of sugarcane plantations? Is there any Hybrid seed cultivation of cane in the state? If yes, describe its characteristics in detail including requirement for number of irrigations, duration of the crop, fertilizer consumption and yield rates.

7(a) Indicate your views on contract farming in the context of (i) its impact on increasing the production and productivity of sugarcane; and (ii) in ensuring committed supply of cane to mills and prompt payment of prices to the farmers.

(b) Whether contract farming in sugarcane is prevalent in your State? If yes, in how much area during the last two years.

8 (i) Indicate production of sugar sector-wise and total, gur and khandsari in your state for the last five years and estimated production during the current season so far;

S.No.	Year	Sugar			Total	Gur	Khandsari	Grand Total
		Cooperative	Public	Private				
1	2	3	4	5	6(3+4+5)	7	8	9

ii) If there is high increase/decrease in production of sugar, gur and khandsari in any one or more years during the last five years and the current year, the reasons for the same may please be indicated.

(iii) Demand and supply situation of sugar in your state during the last two years and estimates for 2012-13 season. Also specify the supply constraints or excess supply or demand. Please indicate how the demand has been worked out.

9 (a)(i) Indicate sector-wise and total for the State cane crushed, sugar produced and recovery rate during the last five seasons and the current season so far;

S.No.	Year	Sugarcane Production	Sector	Cane Crushed	Drawal rate	Sugar Produced	Recovery Rate
			Coop				
			Public				
			Private				
			Total				

(ii) Was any quantity of sugarcane left uncrushed due to early closure of mills? If so, what was the mode of disposal of such left out sugarcane?

(iii) If there is a decline/disparity in sugar recovery in sugar mills of cooperative, private or state sector, the reasons for the same may be indicated.

(b) Indicate the steps taken/proposed to be taken to improve the recovery percentage of the sugar mills, gur and khandsari units;

(c) Government of India has allowed import of raw sugar which is being mixed with sugarcane juice for processing. How has recovery rate been determined in such cases?

10 (a)(i) Please furnish State Advised Prices (SAP), if any, and final prices paid for sugarcane by sugar factories in your state during the last two seasons and estimates for 2012-13.

In Rs./quintal

Sl.No.	Season	Average SMP/FRP	Average SAP	Average Price paid by sugar factories
1.	2.	3.	4.	5.

- (ii) How do these prices compare with those paid by khandsari and gur manufacturers?
 (iii) Is there any instance of sugarcane prices paid lower than the SMP/FRP, if so the details of the action taken against defaulting sugar units and corrective measures taken by the State Government.

(b) (i) What are the various State Acts applicable to regulate sugarcane/sugar economy in your State?

(ii) Furnish the cane price arrears sector-wise as on 31st May for the last five seasons and for the current season.

Sl. No.	Season	Sector	Amount payable	Amount paid	Percentage	Cane Price	Reasons for arrears
		Coop					
		Public					
		Private					
		Total					
1	2	3	4	5	6	7	8

(iii) What measures have been taken to liquidate cane price arrears?

(iv) What are your suggestions to ensure timely payment of cane price to farmers?

(c)(i) It has now been decided by the government that realizations from by-products such as molasses, bagasse and press-mud also should be taken into account for determination of cane price. What are your views in the matter? How these realizations should be taken into account for determination of cane price?

Sl No.	By-product	2008-09	2009-10	2010-11	2011-12	2012-13 (E)
1	Molasses					
2	Bagasse					
3	Press mud					
4	Total					

(ii) There is a view that the SMP/FRP should be a single uniform price i.e. all sugarcane growers should get a single price irrespective of the recovery level of the concerned sugar factory. An opposite view is that a single uniform price will not encourage the cane growers to grow sucrose rich varieties. What are your views in the matter?

11 (a)(i) Indicate the rates of various central and state taxes/cess/fees levied on sugarcane, sugar, gur and khandsari.

(ii) The amount collected and spent for sugarcane development in the state during the past three years.

SL No.	Year	Amount collected during the season	Carry forward the previous season	Total amount spent
1	2	3	4	5(3+4)

(b) Has State Government levied entry tax on entry of sugar from other states or sending sugar to other states? If so, when this tax was levied and what are the tax rates and its rationale? Whether levy sugar for distribution in the PDS has been exempted from entry tax. If not, the reasons therefor.

12 (i) Indicate the month-end wholesale prices of sugar, gur and khandsari in important markets of the state in the past seasons since 2007-08 and to date for 2011-2012 season.

In Rs./Quintal

Sl.No.	Month	2007-08	2008-09	2009-10	2010-11	2011-12
1	2	3	4	5	6	7
	Average					

(ii) Indicate the reasons for any abnormal increase/decrease in prices in any year/years.

(iii) How the prices in 2011-12 season compare with the prices in the preceding three seasons. Please give reasons for fluctuations observed in the movement of prices.

13 Give an account of the installed capacity and its percentage utilization by sugar mills, khandsari and gur units in your state in different sectors (State, Cooperative and Private), in the last three season and current season.

Sl.No.	Year	Sector	Installed Capacity	Capacity under-utilization
Sugar		Coop		
		Public		
		Private		
		Total		
Khandsari				
Gur				

(ii) Indicate the steps taken for updation and modernisation of machinery in these mills during the last three years.

14 Give the progress made towards diversification of sugar industry through value additions to by-products. In this context, indicate the following:

- (i) the number of sugar factories (sector-wise/total) producing alcohol & ethanol, their production and per litre realization; the difficulties faced by sugar factories in production and sale of ethanol;
- (ii) the number of sugar factories (sector-wise) which have installed/are in the process of installing the cogeneration facilities and their realization from per unit sale of electricity; their difficulties and the steps taken/proposed to be taken to remove such difficulties;

Note: In case information in respect of i), and ii) is not readily available then the exercise may please be initiated to collect the same urgently and the requisite information be sent as early as possible.

- 15 (a) Has the ethanol blending programme been implemented in your state? If not, reasons thereof? If yes, how far it has been successful and give shortcomings with reasons.
- (b) Give your suggestions for ethanol blending as well as the proper methodology for fixing ethanol price.
- (c) Whether the price of ethanol be fixed as per (b) above or left free to market.

- 16 (a) Provide an account of the health of sugar industry in your state, inter-alia, indicating the sector-wise number of sick sugar factories, reasons for their sickness and steps taken to revive such sugar factories. Please also indicate the number of closed sugar mills, sector-wise.
- (b) if the state has leased or sold the cooperative/public sector mills, the details may please be indicated.
- (c) Supply any documentation on the state of the sugar industry in the form of studies/reports that might have been prepared in this regard.

- 17 (i) What steps have been taken to encourage production of raw and refined sugar ?
- (ii) Whether sugar produced fulfil the requirement of importers in the World Standard. If not, reasons thereof and steps taken to produce sugar upto world standardization.
- (iii) Indicate your views on promoting and sustaining export of sugar. What are the barriers coming in the way of export of sugar? What measures should be taken to overcome these barriers?

- 18 (i) What are your views on cane area reservation-abolition/continuation/modification? Also state the time period of cane area reservation.
- (ii) What are your views on the minimum distance between an existing sugar factory and another new sugar factory to be set up, and reasons thereof?

19 Number of khandsari and gur units with their installed capacity in the state during the past five years. Give a short historical account of the functioning of these units in your state along with your views regarding their role in promoting or impeding the sugarcane/sugar economy in the state.

20 What are your views on decontrol of sugar (i.e. doing away with the regulated release mechanism and levy obligation of mills). What is the likely effect on sugar industry and sugarcane growers?

21 Give your views on efficacy of futures trading in sugar. Is it beneficial to sugar industry and cane growers?

22 Give an account of the policy regime governing the pricing and distribution of molasses produced in your state

23. Please indicate your suggestions on the level of Fair and Remunerative Price (FRP) of sugarcane for 2013-14 season linked to 9.5 percent recovery rate.

24 Does the State Government generate estimates of cost of cultivation/ production? If so, provide the details of the methodology used and the estimates generated for sugarcane crop for the last three years including the definitions and concepts adopted.

25 (a) Give details of statutory minimum wages for agricultural labour (Rs/man-day) along with the effective dates:

Sl.No.	Years	Rs/man-day	Date of Effectiveness
	2010-11		
	2011-12		
	2012-13 (Likely)		

(b) Give details of operation-wise actual wage rates for agricultural labour in different parts of the state (Rs/man-day) for sugarcane.

Sl.No.	Region	Operation	Years			
			2009-10	2010-11	2011-12	2012-13 (likely)
		Ploughing				
		Sowing				
		Weeding				
		Harvesting				
		Retting				
		Others				

26 (a) Give the following information for the current year:

- (i) Cost of supply of electricity per unit for irrigation;
- (ii) Rate of charges per unit of electricity consumed for irrigation;
- (iii) Total quantity of electricity unit consumed for irrigation purpose;
- (iv) Amount of budgetary subsidy provided.

(b) Indicate revision, if any, in electricity rates/ charges for use in motor/connection for agricultural/ irrigation purposes (per unit/horse power) effected since July, 2010 (with date of effect).

Sl.No.	Particulars	Pre-Revised Rates	Revised Rates	Date of Revision
1	2	3	4	5

(c) When was the latest revision made in canal irrigation rates in your state? Please give the details in the following format.

Sl.No.	Particulars	Pre-Revised Rates	Revised Rates	Date of Revision
1	2	3	4	5

(d) What are the primary sources of irrigation and the relative share of lift and flow Irrigation in the total irrigation for sugarcane crop in the state?

(e)(i) What is the total expenditure on irrigation (per hectare) for sugarcane crop during the last 3 years? Also please give the per hectare consumption of diesel in your state for the crop.

(ii) What are the steps taken for improving irrigation efficiency for sugarcane in your State?

(f) Indicate the number of irrigations required/applied for sugarcane and the total expenditure on irrigation (per hectare) for sugarcane during the last three years?

(g) Indicate the consumption of electricity and diesel oil (per hectare) for sugarcane crop during 2009-10, 2010-11, 2011-12 and the likely consumption for 2012-13.

(h) What is the approximate share of diesel oil lubricants expenditure per hectare on irrigation?

(i) What is the running cost of farm machinery such as (a) tractor/harvesters and pump sets used for irrigation and (b) other purposes alongwith the relative share of important inputs like diesel, lubricants, repairs/ maintenance charges etc. required for their operations.

27 (a) Provide the retail prices (Rs. per kg.) of five important insecticides/pesticides/weedicides during 2009-10, 2010-11, 2011-12 and the likely prices during 2012-13.

(b) Indicate the consumption of insecticides/ pesticides (per hectare) for sugarcane crop during 2009-10, 2010-11, 2011-12 and likely consumption for 2012-2013.

28 Give the approximate prices of cattle feed and fodder that are commonly used in your state. Give details for 2009-10, 2010-11, 2011-12 and 2012-2013 (likely).

29 Indicate the rates for hiring bullocks (per pair day) and machineries such as tractors etc.

used during the last three years.

30 Provide the retail prices of (phosphatic and potassic) fertilizer during 2009-10, 2010-11, 2011-12 and 2012-2013 (likely).

31 (a) Indicate per hectare consumption of nutrients and N.P.K. for sugarcane crop during 2009-10, 2010-11, 2011-12 and likely consumption for 2012-13.

(b) Was the fertilizer off-take during sugarcane 2011-2012 season up to expectations? If otherwise, factors responsible for this shortfall may please be indicated.

32 (a) What has been the total disbursement of agricultural credit (source wise) to sugarcane farmers in your state during the last 5 years? What has been the rate(s) of interest (by source and by purpose) for these credits?

(b) Give the details of agricultural loans outstanding/over dues by agencies, during the last 5 years.

(c) Has the state government made any assessment of the degree of indebtedness of sugarcane farmers? If so, what are the major findings?

33 Does the state government provide subsidies on agricultural inputs in addition to those provided under centrally sponsored scheme? If so, give details.

34 (a) Is renting out of land prevalent in your state? If so, what are the current rent rates for different categories of cultivable land?

(b) Are there any maximum/minimum rents on land specified in the state? Are these crop-specific? Give details.

35 *(a) Indicate the production of molasses, bagasse and press-mud as by-products in the process of production of sugar from sugarcane as percentage of sugar produced, mill-wise/sector-wise and state-wise, as the case may be for the latest available three years and the estimates for 2012-13.

*(b) Provide the information on the level of price realization/imputed value from the sale of these by-products separately as well as combined (imputed value includes unsold value or notional for transfer value of such by-products for further value addition in the sugar factory like, alcohol and ethanol production from molasses, use of press-mud for making bio-fertiliser and/or distillery effluent treatment, generation of power from bagasse or any other product produced through value addition to the by-products but would not include the bagasse used for running the boiler of the main sugar factory for the production of sugar alone) for the latest available three years and the estimated level of realization for 2012-13.

**The information is crucial for arriving at Fair and Remunerative Price for Sugarcane . Hence, the required details may be provided.*

36 Provide the information on the marketing charges paid by the farmers per quintal of sugarcane sold.

37 (a) Please furnish the expenses on premium borne by the cane growers per hectare as well as per quintal on crop insurance scheme being operated in your state.

(b) Is the crop insurance compulsory for loanee farmers? Are the non-loanee farmers also covered under the scheme?

(c) Whether the scheme of crop insurance is extended to farmers who are not owner-cultivators but lease in land for cultivation purposes?

(d) Do the farmers face problems in insuring their crops against both crop and income loss arising out of natural calamities/pest attacks etc.?

(e) Is the insurance coverage farmer specific, and if not what is the procedure followed in covering the production loss of the farmers under the prevalent insurance scheme?

(f) Whether insurance scheme covers all category of farmers or specific category, provide details?

(g) The level of spread of crop insurance among farmers in the state.

(h) State the issues, if any, in the implementation of crop insurance scheme.

(i) Give your comments/suggestions for improving the National Agricultural Insurance Scheme (NAIS) or its modified version currently being implemented to make it more farmer friendly to the sugarcane growers.

(j) Whether insurance cover is limited/should be limited only to bonded cane (if insurance premium is being paid/to be paid by sugar factory) or un-bonded cane also.

38 (a) What are the modes of transportation of sugarcane to mill gate/purchase centre. Give relative proportion of cane transported through these modes and cost of transportation per quintal by different modes.

(b) Whether the mills transport cane on their own up to the mill gate or the cane grower delivers cane to the mills? If both the practices are followed, indicate the respective proportion of cane delivered by sugarcane growers at the mill gate and the purchase centre.

(c) Where the cane is delivered at purchase centre, the average distance, cost of transportation per quintal and the quantity of sugarcane transported from field to the purchase centres and from purchase centres to the mill gate may be indicated.

(d) What is the average transport cost per quintal taking into account the mill gate/purchase centre delivery by different modes?

(e) What is the amount deducted by sugar mills on account of transportation of sugarcane when delivery is received by the mills at the purchase centre?

(f) What is the approximate cost per quintal for harvesting sugarcane? Whether harvesting of cane from field in your state is done by the farmers themselves or by the sugar mills. If the sugar mills are doing the harvesting, then whether the mill bears this cost or the sugarcane farmer bears this cost. If the sugarcane farmers bear the cost, then what amount (in Rs. per quintal) was deducted from their cane price in 2008-09, 2009-10 and 2010-11 sugar seasons?

(g) Please furnish under exportable hypothesis per quintal cost of transportation from the sugar mill gate to the port of embarkation, inclusive of handling charges and other charges, if any, in respect of sugar for years 2009-10, 2010-11 and 2011-12.

Cost Item	Year		
	2009-10	2010-11	2011-12
(a) Ex-Mill price			
(b) Transport to nearest port			
(c) Port expenses (Please give details)			
(d) FOB cost			

(h) What different rebates were allowed to sugar factories in 2009-10 and 2010-11 sugar seasons under Clause 3 A of the Sugarcane (Control) Order, 1966? Give details of the amount deducted (rebate-wise) from the SMP/FRP in 2010-11 and 2011-12 sugar seasons.

(i) Are there sugarcane supply constraints in your state in relation to its demand ? If so, please indicate on an average, the estimated gap in terms of quantity for the years 2010-11, 2011-12 and estimated for 2012-13.

(j) Any other information relevant in this context of recommending Fair and Remunerative Price for 2012-13 sugar season.
