



Estimate of Crops

Punjab Revenue Academy

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1. Importance of Punctuality in The Despatch of Estimates: The publication of crop estimate is always anxiously awaited by business firms. As delay detracts greatly from their value, special efforts should be made to despatch all estimates to the Director of Land Records by their due dates. There should be no difficulty as regards the first and second estimates which, except in the case of cotton and wheat in the districts mentioned in the following paragraph, are merely estimates. The third estimate, however, should contain a statement of the actual area sown, together with an estimate of the yield per acre. Where it is found impossible to complete the crop inspection in time for the inclusion of correct figures of area in the third estimate, the best possible estimates in their place. It should be noted that revised figures will follow, and these should be despatched as soon as they had been prepared. Revised figures will follow, and these should be dispatched as soon as they have been prepared.

2. First And Second Estimates of Wheat and Cotton: - In the case of the first and second estimate of wheat and cotton in the districts of Lyallpur, Jhang, 1[Shahpur], 2{Montgomery], Gujranwala, Sheikhpura, Gujrat and Multan the estimate of area shown in the preliminary estimates F.C. 1 and 2 will be built up from estimates submitted by Patwaris. The method by which such estimates should be prepared by them need not be precisely prescribed. An approximate estimate of the area sown can be easily framed by personal inspection and enquiries from cultivators who are generally in a position to give a fairly accurate idea of the are or the amount of seed sown by them. Kanungos and Tehsildars will be responsible for controlling the methods adopted by Patwaris and ensuring the avoidance of processes circulated to give faulty results. Kanungos and Tehsildars will also be responsible, after the ascertainment of the actual areas at Girdawari, for comparing them with the areas estimated by Patwaris. When large discrepancies are disclosed between the estimated and the actual areas, the Patwari concerned should be called to account As regards canal irrigated areas, the canal Patwari, who is required by the rules of the Canal Department to show in the shudkar the progress of canal irrigation and the sowings made with the help of such irrigation, can help the mahal Patwari in the preparation of an estimate of the area sown; and instructions have been issued to canal Patwaris

requiring them to give such help. in cases in which wheat or cotton is sown mixed with other crops and the canal Patwari does not separately show the area under wheat or cotton the mahal Patwari should make a separate estimate of such are by his personal inspection and enquiries. Where, however, wheat is sown mixed with barley or gram the area under wheat will be considered as half of the area under the mixed crop In accordance with footnote 2 to Forms F.C. 1 and 2.

3. Third And Fourth Estimates of Wheat and Cotton: - The Director of Agriculture prepares and publishes the provincial estimates on the basis of the information-supplied by the Deputy Commissioners in Forms F.C. 1, F.C. 2 and F.C. 3 and the notes on the general condition of the crops received from the Deputy Directors of Agriculture. In the case of third and fourth estimates of wheat and cotton, he, however, checks the Tehsil estimates of outturn with those reported to him by the Deputy Directors of Agriculture and then fixes the yield in manunds per acre for each district separately for irrigated and un-irrigated areas. Then the total outturn of the Province is calculated in the Director of Land Record's Office by applying this yield to the sown area reported by the Deputy Commissioners In their estimates and a draft report of the estimates together with a statement is submitted to Director of Agriculture for approval. After these estimates are approved by the Director of Agriculture two copies of each estimate are supplied to the Director, Statistics, Government of Pakistan, Ministry of Food and Agriculture, Karachi, Revenue Secretary to Board of Revenue, Punjab and Controller, Government Printing, Punjab. A copy is also pasted at the offices of the Director of Land Records, and the Director of Agriculture, Lahore for the information of the public. Printed copies of estimates are also supplied gratis to various firms in and outside Pakistan.

4. Disposal Of Estimate Reports: - The final reports in Form F.C. 3 should be retained till next settlement and then handed over to the Settlement Officer. The intermediate reports in Forms F.C. 1 and 2 should be preserved for two years from the date of submission and then destroyed.

The Director's printed reports of crops estimates should be similarly disposed of.

5. Recording Of Estimates of Yield in Maunds and Seers Per Acre in The Final Reports: - In the case of final reports in Form F.C. 3, it has been decided to abandon the system which prevailed up to 1919 of stating estimates of yield by percentages of an assumed normal crop : and to substitute estimates in mounds and seers per acre without reference to any sort of standard or normal.

FORM F.C.1
Paragraph 13.3 of the Land Records Manual
First estimate of area shown with--to the end of 19

1	2	3	4
	Area stated in hundreds of acres.		Remarks
Tehsil	Irrigated	Unirrigated	i) Explain any appreciable increase of decrease in the area shown, as compared with the area in:- (a) Form F.C.2. } (b) the final estimate } of last year ii) Remarks on the season and on the general condition of the crops in percentages of normal for irrigated and Unirrigated areas separately. iii) State on what date general sowings began on irrigated and unirrigated lands respectively, and if these dates were early, normal or late. (Only vary brief notes are required).

FORM F.C.2

Paragraph 13.6 of the Land Records Manual
Second estimate of area sown with _____ to the end of 19

1	2	3	4
	Area stated in hundreds of acres.		Remarks
Tehsil	Irrigated	Unirrigated	
			i) Explain any appreciable increase or decrease in the area shown, as compared with the area in:- (a) Form F.C.1 of this year. (a) Form F.C.2. } of last year (b) the final estimate } ii) Remarks on the season and on the general condition of the crops in percentages of normal for irrigated and Unirrigated areas separately. iii) State on what date general sowings began on irrigated and unirrigated lands respectively, and if these dates were early, normal or late. (Only vary brief notes are required).

Foot-notes for Forms F.C. 1 AND F.C. 2 : (1) Mixed crops, cotton and oil seeds: If these are sown mixed with other crops, estimate the true area according to the rule locally followed in the preparation of crop abstracts.

(2) Half the area under mixed wheat and barley and mixed wheat and gram should in all cases be reckoned as under wheat.

(3) Areas should be given by Tehsils as a whole and not by divisions of a Tehsil.

Dated _____
The _____ 20. } }

Deputy Commissioner

FORM F.C.3

Paragraph 13.6 of the Land Records Manual

Final estimate of the crop 19..., ascertained at the end of ___ form the Patwari crop returns, are stated in hundreds of acres and yield in mounds and seers per acre.

1	2	2(a)	3	3(a)	4
	Total area sown and character of harvest				Remarks
Tehsil	Irrigated including Kharraba		Unirrigated including Kharraba		i) Explain any appreciable increase or decrease in the area shown, as compared with the area in:- (a) Form F.C.1 of this year. Form F.C.2 (b) the final estimate of last year in third estimate of cotton also compare the area with the final area of last year and in the fourth estimate with the area given in the third estimate of this year. (Only very brief notes are required). ii) Comment on the season and on the yield. iii) State on what date general harvesting began on irrigated and unirrigated areas, respectively, and if these dates were early normal or late. (Only very brief notes are required.)
	Area	Yield	Area	Yield	

- Notes (1):* Columns 2, 3 and 4--Area: The entries will be obtained from the Patwaris crop inspection papers of the current harvest. In case of the third wheat estimate, the best possible estimates of area be reported if crop inspections are not complete.
- (2) Columns 2 (a) and 3 (a)--Yield : The entries will be expressed to the nearest seer and in making his estimate the Tehsildar must avail himself of all the sources of information at his disposal. The Collector will hold the Tehsildar responsible for the character of his estimates and, if necessary, modify the estimate from his personal observations checked by enquiry from leading agriculturists and others. In the case of the cotton estimate, for example small traders, members of business firms, managers of ginning mills, etc., should be freely consulted. The cotton estimate must always be in terms, of Kapas not of Rui.
- (3) Columns 2 (a), 3 (a), and 4--Yield : Damage by rain or other causes on the threshing floor after crop has been reaped, should not be taken into consideration in making the entries in these columns. But If necessary, a note should be added in the remarks column stating what percentage of the gross outturn appear as to have been damaged on the threshing floor and explaining the nature of. the damage.

Dated _____
 The _____ 20. }

Deputy Commissioner.