

GUIDELINES FOR SUBMITTING CROP FORECAST REPORT

Forecasts of crop production are of a considerable importance for ensuring self-sufficiency of food grains and their equitable distribution in different parts of the country.

Forecasts of commercial crops like Sugarcane, Jute, and Cotton are useful for trade and industries because the availability of raw materials during the season is the basis of planning of manufacturing process and trade operation.

What is Crop Forecast?

Crop Forecast is a most probable assessment of area coverage and production of a crop while it is standing in the field.

What is Crop Estimate?

Crop Estimate refers to the actual production of the crop estimated at harvesting stage or soon after harvest through Crop Cutting Experiment/enquiry.

Normally 3 (Three) forecasting is given in a season:

First Forecast:

Objective of the first forecast is to know in advance about the idea of area sown/transplanted and weather condition at sowing/transplanting time of a crop in a particular season. This forecast confirms **only to area coverage** and does not make any mention about the **production**. Normally, 1st forecast is given **1 (one) to 1^{1/2} (one and half)** months after sowing/ transplanting of the crop.

2nd Forecast:

This is normally given 1 (one) to 1^{1/2} (one and half) months **after the first forecast**. This reports **entire area coverage** including late sown area and crop condition. Besides, the 2nd forecast also provides an advance-anticipated production of the crop based on impression of the crop condition.

3rd and Final forecast:

This forecast is based on complete inspection of all the fields. Area coverage figures to be reported based on complete inspection. Production figures are generally related to total out-turn i.e. production to be harvested or expected to be harvested. This assumed production figures would have to closer proximity to the accurate production figures so received from Crop Cutting Experiments.

How to calculate Total Out-turn of the crop?

Total Out-turn of the crop is to be obtained with the help of following formula:

Total out-turn (i.e. production) = Normal Yield x Condition factor of the crop under report x Area of the crop under report.

What is Normal Yield?

It is a moving average of actual average yield obtained through Crop Cutting Experiment on impression method during last 10 years.

What is Condition factor ?

The condition factor of a crop gives the condition of the crop in a particular season under report in comparison to normal crop yield. It is usually expressed in terms of percentages (%) or “Annas”. Generally, normal out-turn per hectare varies between 12 annas to 16 annas (i.e. 75% to 100%). The condition factor is very important feature of the entire forecasting process. Therefore, it's determination requires full consideration of the reporting officer.

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FORMAT FOR REPORTING FORECAST REPORTS

1st / 2nd / 3rd & Final Forecast Report on ----- (Name of Crop)

For the Year: -----

Name of Agri Subdivision: -----

Name of District: -----

1. Area Coverage in '000 Hectares	
1.1 Target during Current Year	
1.2 Area coverage during the period under Report	
1.3 Actual Coverage during previous Year	
1.4 Average coverage of preceding 5 years	
1.5 % of area irrigated of the crop under report during the current year	
1.6 Reasons for shortfall/excess area coverage:	
2. Production in '000 MT	
2.1 Target during Current Year	
2.2 Condition factor	
2.3 Anticipated production during the period under Report	
2.4 Actual production during previous Year	
2.5 Average production of preceding 5 years	
2.6 Reasons for shortfall/excess:	

TIME SCHEDULE FOR FORECAST REPORT

Name of Crops	Number of Estimates	Forecast Report To be furnished by			
		VLW to ASO	ASO to SA	SA to DDA	DDA to DA
Rice-Aus	Ist forecast(Area)	10th July	15th July	25th July	10th August
	2nd Forecast	10th August	15th August	25th August	10th September
	Final Forecast Area & Production	2nd September	10th September	25th September	30th September
Rice-Aman	Ist forecast	2nd September	10th September	15th September	30th September
	2nd Forecast	5th November	10th November	15th November	28th November
	Final Forecast	5th January	10th January	15th January	28th January
Jhum paddy	Ist forecast	10th July	15th July	25th July	10th August
	2nd Forecast	2nd September	10th September	15th September	30th September
	Final Forecast	10th October	15th October	20th October	10th November
Boro paddy	Ist forecast	15th February	20th February	1st March	10th March
	Final Forecast	5th June	15th June	25th June	10th July
Wheat	Ist forecast	25th November	30th November	10th December	30th December
	2nd Forecast	18th February	20th February	25th February	5th March
	Final Forecast	30th March	10th April	20th April	10th May
Kharif Pulses	Ist forecast	10th June	20th June	30th June	30th July
	Final Forecast	15th September	20th September	30th September	25th October
Rabi Pulses	Ist forecast	15th December	20th December	25th December	5th January
	Final Forecast	15th October	20th April	25th April	5th May
Sesamum	Ist forecast	5th June	20th June	30th June	20th July
	2nd Forecast	10th September	15th September	20th September	30th September
	3rd Forecast	20th October	30th October	10th November	30th November
	Final Forecast	15th February	28th February	10th March	30th March
Rape/Mustard	Ist forecast	15th November	20th November	25th November	5th December
	2nd Forecast	20th January	25th January	5th February	20th February
	Final Forecast	5th April	10th April	15th April	30th April
Cotton	Ist forecast	5th January	25th June	5th July	20th July
	2nd Forecast	25th July,	2nd August	10th August	25th September
	3rd Forecast	15th October	28th October	5th November	25th November
	4th Forecast	15th December	25th December	5th January	15th January
	Final Forecast	1st March	10th March	20th March	10th April
Jute	Ist forecast	1st June	7th June	15th June	5th July
	Final Forecast	1st September	7th September	15th September	25th September
Supply Review (Last year crops)		15th January	20th January	30th January	12th February

TIME SCHEDULE FOR FORECAST REPORT

Name of Crops	Number of Estimates	Forecast Report To be furnished by			
		VLW to ASO	ASO to SA	SA to DDA	DDA to DA
Final Review (last year Crops)		10th July	15th July	25th July	10th August
Mesta	Ist forecast	7th June	15th June	25th June	15th July
	2nd Forecast	25th August	2nd September	10th September	25th September
	Final Forecast	15th January	20th January	30th January	12th February
Final Review (last year Crops)	Ist Forecast	Ist July	15th July	25th July	10th August
Sugarcane	Ist forecast	Ist May	7th May	15th May	25th May
	2nd Forecast	Ist September	7th September	15th September	25th September
	Final Forecast	7th April	15th April	20th April	30th April
Tobacco	Ist forecast	7th December	15th December	20th December	3rd June
	2nd Forecast	20th January	2nd February	10th February	28th February
	3rd Forecast	15th March	25th March	5th April	30th April
	Final Forecast	20th June	30th June	5th July	25th July
Potato	Ist forecast	10th December	15th December	25th December	10th January
	Final Forecast	Ist May	7th May	15th May	2nd June
Chellies	Final Forecast	15th March	20th March	25th March	10th April
Ginger	Final Forecast	10th January	15th January	25th January	10th February
Tarmaric	Final Forecast	10th January	15th January	25th January	10th February
Banana	Final Forecast	15th July	25th July	1st August	30th August
Sweet Potat5o	Final Forecast	25th April	5th May	15th May	5th June
Papaya	Final Forecast	25th April	5th May	15th May	5th June
Tapioca	Final Forecast	25th April	5th May	15th May	5th June
Maize	Final Forecast	20th August	30th August	15th September	30th September
Groundnut(Kharif)	Ist forecast	10th June	20th June	1st July	30th July
	2nd Forecast	5th September	15th September	25th September	15th October
	Final Forecast	Ist December	15th December	25th December	15th January
Groundnut(Rabi)	Ist Forecast	25th February	5th March	15th March	5th April
	Final Forecast	15th April	20th April	30th April	15th May
Arhar(Tur)	Ist Forecast	Ist May	10th May	20th May	10th June
	2nd Forecast	Ist December	10th December	20th December	5th January
	Final Forecast	15th April	20th April	25th April	5th May
Onion	Final Forecast	15th November	20th November	25th November	30th December