



Quarterly Report on Crop Statistics and Agricultural Labour Wage

(October-December, 2023)



**Agriculture Wing
Bangladesh Bureau of Statistics
Statistics and Informatics Division
Ministry of Planning**

Quarterly Report on Crop Statistics and Agricultural Labour Wage (October-December, 2023)

Bangladesh is mainly an agricultural country. Abundant crops are produced in this country due to highly fertile land and favorable climate. The agriculture sector contributed about 11.38 percent to the country's gross domestic product in FY 2022-23 and about 45.4 percent people are engaged in agricultural activities among employed population in country (Source: Labour Force Survey 2022 Report). Bangladesh Bureau of Statistics (BBS) compiles major and minor crop statistics and agricultural Labour wage on a regular basis. The Agriculture Wing of BBS collects and compiles agricultural related data and publishes them through the Agricultural Statistics Yearbook. National Accounting Wing of BBS has taken the initiative of preparing Quarterly GDP. In this context, agricultural statistics on a quarterly basis is required for estimating quarterly GDP. The purpose of regular publication of agricultural statistics on major and minor crops and agricultural Labour wage on a quarterly basis is expected to meet the needs of current users of agricultural statistics.

2. Method of Crop Production Estimation

The Agriculture Wing regularly estimates the area and production of 6 major crops and 140 minor crops. Production and volume survey are conducted at field level after every harvest/uplift. The production survey activities are conducted at the Union level every month following the crop wise calendar and using prescribed questionnaire/schedule. Both subjective (household-based interview) and objective (direct observation) methods are used to obtain crop estimates. The subjective method denotes the estimates based on impression. The objective method denotes the method of sample survey where the main items of information are collected mostly through measurement and observation. The estimates of rice, wheat, potato and jute are made by objective method and for rest of the crops subjective method of estimation is followed.

2.1 The Subjective Estimation Method

Data collected from field level is processed and district wise reports are prepared and published with the approval of appropriate authorities. These crop estimates are prepared by the field staff of the Upazila Statistics Office based on the assessment of the opinion of interviewed farmers on the current year's crop condition compared to the previous year.

2.2 The Objective Estimation Method

Cultivation of Aus, Aman, Boro, Wheat, Potato and Jute is extensive. To conduct crop estimation surveys for six major crops, BBS uses a total of 10,348 clusters covering an average of 5 acres across the country as sampling frame. Clusters are allocated among the districts in proportion to the size of the district with the restriction that the number of clusters in a district should be at least 150. At least one cluster is selected from each union of an upazila. Clusters are formed from cadastral plots listed in the land records. A cluster may consist of many crop and non-crop plots, each with its own identification number referred to as ID number. For each cluster, BBS maintains and updates the list of farmers holding fields within the cluster as well as other relevant agricultural information.

3. Method of Agricultural Labour Wage Estimation

BBS prepares statistics on agricultural wage rates on a monthly basis. To collect the agricultural wage rate, the agricultural Labour rate of the upazila is calculated based on the interview of 10 agricultural day Labourers on a sample basis from each upazila. If agricultural day Labourers are not available, information is taken from farmers who have hired daily Labourers for agricultural work. Male and female workers aged 15 years and above are charged separate rates of wages. After obtaining the wage rates of all the districts, the agricultural wage rates of Bangladesh are calculated based on this.



Crop Production Estimation (October-December, 2023)

Oil Seed

Name of Crops	2022-23		2023-24	
	Area (In Acre)	Production (M.T)	Area (In Acre)	Production (M.T)
1	2	3	4	5
Groundnut (Summer)	10126	7857	10445	8197

Fiber crop

Name of Crops	2022-23		2023-24	
	Area (In Acre)	Production (M.T)	Area (In Acre)	Production (M.T)
1	2	3	4	5
Cotton (Summer)	17593	1989	17631	2069

Tobacco Group

Name of Crops	2022-23		2023-24	
	Area (In Acre)	Production (M.T)	Area (In Acre)	Production (M.T)
1	2	3	4	5
Betelnut	96993	341586	97993	356029

Contd.

R

HA

Vegetables

Name of Crops	2022-23		2023-24	
	Area (In Acre)	Production (M.T)	Area (In Acre)	Production (M.T)
1	2	3	4	5
Pumpkin (Summer)	30431	156323	30064	157637
Long bean (Barboti)	17937	41895	18047	42648
Green Banana	29246	185654	28969	183932
Arum (Mukhikachu)	25091	131547	24971	132880
Arum (Murakachu)	9680	36959	9503	36977
Arum (Maankachu)	5034	18639	5091	19601
Arum (OL kachu)	2273	20408	2315	22072
Arum (Panikachu)	14274	71646	13999	70343
Arum leaves	3814	6109	4020	6537
Water Spinach (Kalmishak)	5940	12515	6258	13374
Danta leaves	14669	34708	14835	35914
Jute leaves	7594	14947	7644	15422
zucchini (Dhundol)	11499	30423	11740	32279

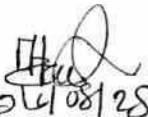
Fruits

Name of Crops	2022-23		2023-24	
	Area (In Acre)	Production (M.T)	Area (In Acre)	Production (M.T)
1	2	3	4	5
Hog-Plum (Amra)	11261	43801	10957	45408

Agricultural Labour Wage (National)

Name of the Month	(Wage in taka)							
	With Food						Without Food (in TK)	
	One meal		Two meal		Three meal		Male	Female
	Male	Female	Male	Female	Male	Female	Male	Female
October, 2023	507	385	489	365	473	373	541	410
November, 2023	547	414	516	394	500	393	563	432
December, 2023	529	392	502	379	468	374	561	412


 ১৬/০৮/২০২৪
 ওয়াহিদুল ইসলাম
 পরিসংখ্যান কর্মকর্তা
 এগ্রিকালচারাল ডিবি


 ১৬/০৮/২৪
 মহেনাজ তাবাসুম
 উপপরিচালক
 এগ্রিকালচারাল ডিবি