



AGRO-METEOROLOGY ADVISORY BULLETIN

ISSUED FOR all 20 Dzongkhags



Issued by: **DEPARTMENT OF AGRICULTURE, MoAL**
Prepared based on weather forecast received from NCHM

AGRO-ADVISORY wef 29/09/2023 to 5/10/2023

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Most rural communities would be preparing to harvest their paddy. However, it is important to keep track of the prevailing weather conditions and make informed decisions to avoid crop damage caused by untimely rainfall.

- According to the weather outlook presented by National Centre for Hydrology and Meteorology (NCHM) in the South Asia Hydromet Forum on 28 September, fine weather with isolated light rainfall is expected in the coming days. However, light to moderate with isolated heavy rainfall is expected particularly in the southern foothills from 02 October with rest of the country likely to experience intermittent light to moderate rainfall. A cyclonic circulation is currently developing over east central Bay of Bengal and adjoining north Andaman Sea off Myanmar coast. Under its influence, a low-pressure area is likely to form over east central Bay of Bengal off Myanmar coast during subsequent 24 hours. Thereafter, it is likely to move north westwards with possibility of gradual intensification. Under this influence Bhutan may experience increase in rainfall after 02 October 2023.

The southwest monsoon 2023 is yet to withdraw from Bhutan and currently a shallow monsoon currents prevail over the country. The monsoon is expected to withdraw during the next 5-7 days.

As monsoon is coming to end and the season is entering into transition phase of summer and autumn, cyclonic circulations causing unexpected rainfall will frequently occur. Therefore, the Department of Agriculture would like to advise farmers to use this weather outlook along with the 3 days weather forecast issued by NCHM through BBS for effective planning of paddy harvest. The Dzongkhag and Gewog Agriculture Extension Officers are also advised to disseminate the 3 days weather forecast shared by NCHM on WhatsApp Agromet group to the farmers.

In addition, kindly note that outlooks are subject to inherent uncertainty and therefore short term localized micro-climatic influences cannot be ruled out. A timely follow up on weather forecasts from NCHM and advisories from the Department is advised.