AGRO-METEOROLOGY ADVISORY BULLETIN

ISSUED FOR PARO (TSHENTO, LUNGNI, SHARI, SHABA)

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

Bulletin Name: NCOA-Yusipang-AAS-24-19 Date of issue: 26/09/2024

Weather observed for the period (22/09/2024 to 26/09/2024)

Parameter	Day 1	Day 2	Day 3	Day 4	Day 5
Rainfall(mm)		14.2	2.8	3.8	
Max temp(°C)	27.5	27.0	24.0	21.0	
Min temp(°C)	12.0	12.0	14.0	14.0	13.0
RH(%)	78.0	63.0	87.0	91.0	95.0
Wind Speed(m/sec)					

Weather forecast for the period (26/09/2024 to 30/09/2024)

Parameter	Day 1	Day 2	Day 3	Day 4	Day 5
Rainfall(mm)	9.6	9.6	7.2	2.3	0.0
Max temp(°C)	23.7	23.0	22.9	12.0	8.7
Min temp(°C)	8.5	8.1	8.0	7.9	8.7
RH(%)	90.43	94.0	95.7	94.33	94.4
Wind Speed(m/sec)	1.36	0.92	0.77	0.8	0.45

AGRO- ADVISORIES

CROP	AGRO-ADVISORIES
High Altitude Paddy	⚠ Crop Advisory ⚠ **Grain Filling_Temperature** It refers to the range of temperatures optimal for the process of grain development in rice plants following successful pollination. During this critical stage, the rice plants convert assimilates from photosynthesis into starch, leading to the formation of mature grains. **Advisory** • Continuously monitor temperature and adjust management practices accordingly. Maintain consistent soil moisture levels throughout the grain filling period.

	⚠ **Grain Filling_Rainfall** It refers to the precipitation that occurs during the period when rice grains are developing and filling. This stage is crucial for determining final grain yield and quality. **Advisory** • Irrigate to ensure adequate water level. ⚠ **Grain filling_Humidity** Grain filling humidity refers to the moisture content in the air during the period when rice grains are developing and filling. Humidity levels play a crucial role in the grain filling process, influencing factors such as pollen viability, fertilization, and overall grain development. **Advisory** • Avoid over irrigation and ensure proper drainage to reduce field humidity. Regularly monitor the field for early detection of any possible infection.

SPECIAL ADVISORY

⚠ Please refer the daily forecast and the weather alerts issued by NCHM.