AGRO-METEOROLOGY ADVISORY BULLETIN

ISSUED FOR SARPANG(DEKILING, GAKILING AND SAMTENLING GEOGS)

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

Bulletin Name: ARDC-Samtenling-AAS-24-010 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)			13.4	140.2	
Max temp(°C)	38.0	40.0	35.0	30.0	
Min temp(°C)	26.0	25.5	26.0	24.0	22.0
RH(%)	71.0	65.0	73.0	92.0	96.0
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)	12.0	12.0	8.6	0.0	0.0
Max temp(°C)	31.8	31.4	31.4	22.9	20.1
Min temp(°C)	21.4	19.7	19.4	19.2	19.8
RH(%)	92.25	96.24	97.92	92.05	91.95
Wind Speed(m/sec)	1.78	1.0	0.81	0.91	1.1

AGRO- ADVISORIES

CROP	AGRO-ADVISORIES
Low altitude paddy	⚠ Crop Advisory ⚠ **Panicle_Temprature** The optimum temperature required for panicle initiation is 15-33 degree. **Advisory** • Ensure consistent soil moisture through proper irrigation ⚠ **Panicle_Rainfall** Panicle initiation is one of the critical stages for water requirement. The optimum water required for this stage is 100-220mm. **Advisory** • Provide consistent and adequate irrigation to avoid drought stress, which can affect grain formation and reduce yield. ☣ Disease

☣ **Brown Spot**

In certain rice varieties, brown spot lesions can be mistaken for blast lesions. To confirm, check if spots are circular, brownish, and have a gray center surrounded by a reddish margin.

Symptoms	Remedy
• 1. Infected glumes and panicle branches have dark brown to black oval spots or discoloration on the entire surface.	• 1. Monitor soil nutrients regularly • 2. Apply required fertilizers • 3. For soils that are low in silicon, apply calcium silicate slag before planting • 4. Apply Tricyclazole 75 WP (2gm/L)

SPECIAL ADVISORY

⚠ Please refer weather forecast and alerts issued by NCHM.