AGRO-METEOROLOGY ADVISORY BULLETIN

ISSUED FOR PARO

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

Bulletin Name: NCOA-Yusipang-AAS-2024-010 Date of issue: 18/08/2024

Weather observed for the period (14/08/2024 to 18/08/2024)					
Parameter	**Day 1**	**Day 2**	**Day 3**	**Day 4**	**Day 5**
Rainfall(mm)	2.0	1.2	0.8	3.4	
Max temp(°C)	25.0	26.0	26.0	23.5	
Min temp(°C)	14.0	15.0	14.0	14.0	13.0
RH(%)	72.0	76.0	64.0	72.0	83.0
Wind Speed(m/sec)					

Weather forecast for the period (18/08/2024 to 22/08/2024)					
Parameter	**Day 1**	**Day 2**	**Day 3**	**Day 4**	**Day 5**
Rainfall(mm)	7.3	26.3	8.2	6.2	5.5
Max temp(°C)	25.2	25.0	24.7	25.3	15.5
Min temp(°C)	9.2	10.9	10.9	8.6	8.1
RH(%)	87.95	85.58	79.69	92.45	87.65
Wind Speed(m/sec)	2.27	1.42	2.0	1.35	1.46

AGRO- ADVISORIES

CROP	AGRO-ADVISORIES
High Altitude Paddy	⚠ Crop Advisory ⚠ **Heading** It is the temperature range at which rice plants begin to form heads, which eventually develop into grains. Rice heading temperature varies depending on the rice variety and environmental conditions. **Advisory** • Regularly monitor the field and maintain field hygiene. Provide consistent irrigation. Conduct weeding depending on the weed pressure. ☣ Disease

☣ **Rice Blast (Pyricularia oryzae)**

Blast is one of the most important diseases of rice and it attacks all aboveground parts of the rice plant at any growth stages. In Bhutan leaf, node, neck and panicle blast are common.

Symptoms

- Leaf blast - the lesions are spindle shaped with brown borders and white centres which enlarge and eventually kill the leaves.
- Collar blast - pathogen infects the collar that can kill the entire leaf blade.
- Node blast -node turns blackish and breaks easily.
- Blast on the neck of the panicle - greyish brown lesion on the neck and the panicles break when severe.
- Brown lesions - on the branches of panicles and on the spikelets.

Remedy

- Do not apply excess nitrogen fertilizer as it enhances the development of blast disease
- For leaf blast, re-flood if the field has been drained. Maintain flood at 4 -6 inches to ensure soil is covered.
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SPECIAL ADVISORY

⚠ **Weather Advisory**

Please follow regular updates issued by NCHM