

Bulletin No: MSSRF/PDK/072(09)/2016

Date: 06.09.2016

Significant past weather from 02-09-2016 and 05-09-2016

| Parameters | Past weather |
|--------------------------|--------------|
| Rainfall (mm) | 20.8 |
| Maximum Temperature (°C) | 34-36 |
| Minimum Temperature (°C) | 25-26 |
| Sky condition (Octas) | 6-7 |
| Relative humidity (%) | 41-69 |
| Wind speed (kmph) | 13-18 |

Ensemble Weather forecast until 0830 hrs of 11.09.16

| Parameters | Ensemble FCST | | | | |
|----------------------------|---------------|----------|----------|----------|----------|
| | 07.09.16 | 08.09.16 | 09.09.16 | 10.09.16 | 11.09.16 |
| | Wednesday | Thursday | Friday | Saturday | Sunday |
| Rainfall (mm) | 0 | 0 | 0 | 3 | 4 |
| Maximum Temperature (°C) | 35 | 35 | 35 | 35 | 35 |
| Minimum Temperature (°C) | 25 | 25 | 25 | 25 | 25 |
| Sky condition (Octas) | 6 | 6 | 6 | 6 | 6 |
| Max. Relative humidity (%) | 58 | 58 | 58 | 58 | 58 |
| Min. Relative humidity (%) | 42 | 42 | 42 | 42 | 42 |
| Wind speed (kmph) | 13 | 13 | 13 | 13 | 13 |
| Wind direction | WNW | WNW | WNW | WNW | WNW |

SMS Advisory:

- In coming five days weather will be hot, mostly cloudy and moderately humid.

Weather Based Agro-Advisories

Imp. Crops: Rice and Sugarcane

Stage: Rice: Panicle initiation stage

- Field preparation has to be done for samba season paddy crop by utilizing the last week rainfall.
- For direct sown rice in samba season, sowing by using tractor drawn seed drill, seed rate of 15 kg/acre is required. For manual broadcasting seed rate of 30 kg/acre is required. Seeds should be treated with *Pseudomonas fluorescense* 10g/kg of seed before sowing. Seed treatment increase seed germination, seedling vigour and controls the seed borne disease.
- Farmers are advised to avoid stagnation of water nearby animal shed to prevent multiplication of vectors and to control spreading of disease.

Principal Coordinator

MSSRF