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**Ref. No.F.(2)/Agromet/24**

**Dated:30.07.2024**

**District: - Bikaner**

### Weather Forecast and Agromet Advisory

Period 30<sup>th</sup> July 2024 to 03<sup>th</sup> August 2024

<b>Weather review of last week:</b> During this period the maximum temperature ranged between 38.8 to 40.0 °C and the minimum temperature ranged between 24.5 to 29.0°C. During this period, low wind speed observed with RH values of 98 % to 99%.	<b>Weather forecast for the coming week:</b> On the basis of the information received from the India Meteorological Department, New Delhi and Regional Meteorological Centre, Jaipur, weather for the next 5 days in Bikaner district (30.07.2024 to 03.08.2024) dense cloudy on 30.07.2024 and overcast on 31.07.2024 to 03.08.2024. T <sub>min</sub> will possibly range between 28.0-30.0°C and the T <sub>max</sub> is likely to remain between 34.0-40.0 °C. During this period, high wind velocity is likely to blow from then East, South, South-South-West and South-West directions.
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Weather Parameter	Date				
	30.07.2024	31.07.2024	01.08.2024	02.08.2024	03.08.2024
Rainfall (mm)	<b>0</b>	<b>5</b>	<b>1</b>	<b>2</b>	<b>5</b>
Cloud cover	Dense Cloudy	Overcast	Overcast	Overcast	Overcast
Temperature Maximum (° C)	<b>40</b>	<b>39</b>	<b>36</b>	<b>35</b>	<b>34</b>
Temperature Minimum (° C)	<b>29</b>	<b>28</b>	<b>28</b>	<b>29</b>	<b>30</b>
Wind direction	SW	SW	SSW	S	E
Minimum Relative humidity (%)	<b>38</b>	<b>43</b>	<b>43</b>	<b>42</b>	<b>38</b>
Maximum Relative humidity (%)	<b>53</b>	<b>60</b>	<b>62</b>	<b>62</b>	<b>56</b>
Wind velocity(km/hr)	<b>26</b>	<b>32</b>	<b>22</b>	<b>14</b>	<b>20</b>
Cumulative rains (mm)	<b>13.00</b>				

**Agro Advisory:** Based on the weather review of last week and the weather forecast for this week, the following advice is given to the farmer.

<b>Specific advisory</b>	Conserve every drop of water and moisture for future.		
<b>Crop</b>	<b>Stage</b>	<b>Details</b>	<b>Agro Advisory</b>
Groundnut	Branching	Yellowing management	Spray 0.5 percent ferrous sulphate and 0.1 percent citric acid when symptoms of yellowing appear in the standing groundnut crop.
		Weed control	In case of weeds in groundnut crop, 30-40 days after sowing or after first irrigation or after rain, one weeding must be done. In standing crop, control grass family weeds at 20-25 days after sowing spray of 1000 ml of quiozalophos ethyl 5 percent EC mix with 600 liters water and make solution for one hectare.
Pearl millet	Preparation for sowing		Prepare for sowing of Rainfed pearl millet on receiving of monsoon rains. Arrange seed of improved varieties as MPMH 17, RHB 177, RHB 173, HHB 67(i), ICMH 356 etc. use 1 kg seed of pearl millet per bigha.
Cluster bean, Sesame and Moth bean	Preparation for sowing	Varieties and seed rate	Farmers should get ready for showing of Kharif crops with Cluster bean varieties HG-75, RGC-936, RGC-197, RGC-986, RGC-1017, RGC-1002, RGC-1003, RGC-1066, RGC-1031, HG-2-20; Sesame varieties RT-46, RT-125, RT-127, RT-346, RT-351 and Moth varieties RMO-275, RMO-225, RMO-435, RMO-423, RMO-40 and RMO-2251 are suitable for the region. Moth 3kg seed/bigha, Sesame ½ kg seed/bigha, and for branched Cluster bean 4 kg seed/bigha, and 6 kg seed/bigha for single stem cluster bean.
Forage crops			Top dressing of urea in forage crops can be done in case of rains.
Horticulture		Planting and irrigation	For planting new Kinnow orchards dig pits of 1m x 1m x 1m and remain open for at least 20 days at a distance of 6m x 6m.
Livestock		Food and Nutrition	Prepare and fed protein rich high nutritive urea – molasses bricks as per the guidance of registered veterinarian

**Assistant Professor and Technical Officer  
Gramin Krishi Mausam Sewa**

**Zonal Director Research and  
Nodal Officer - Gramin Krishi Mausam Sewa**