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Dated:15.03.2024

**Ref. No.F.(2)/Agromet/24** District: - Bikaner

## Weather Forecast and Agromet Advisory

Period 15<sup>th</sup> March 2024 to 19<sup>th</sup> March 2024

<b>TT</b> 7 (1 •		• .1• • 1			2024	6.4 . 6		
	v of last week: D							
the maximum temperature ranged between 30.5 to 31.0 °C and the minimum temperature ranged			the India Meteorological Department, New Delhi and Regional Meteorological Centre,					
between 10.3 to 15.6°C. During this period, low			Jaipur, weather for the next 5 days in Bikaner district (15.03.2024 to 19.03.2024) Dense cloudy on 15.03.2024, cloudy on 16.03.2024 & 18.03.2024, clear sky on 17.03.2024 and					
wind speed observed with RH values of 20 % to			partially cloudy 19.03.2024, T <sub>min</sub> will possibly range between 17.0-18.0°C and the $T_{max}$					
83%.			is likely to remain between 30.0-33.0 °C. During this period, high winds velocity are					
		likely to blow from the North, North-North-East, North-East and East-North-East						
			directions.					
Weather Parameter					Date			
			15.03.2024	16.03.2024	17.03.2024	18.03.2024	19.03.2024	
Rainfall (mm)			0	0	0	0	0	
Cloud cover			Dense Cloudy	Cloudy	Clear Sky	Cloudy	Partially Cloudy	
Temperature Maximum (° C)			30	31	32	32	33	
Temperature Minimum (° C)			17	17	18	17	18	
Wind direction			NE	NNE	NNE	N	ENE	
Maximum Relative humidity (%)			21	17	16	17	17	
Minimum Relative humidity (%)			8	8	9	9	8	
Wind velocity(km/hr)			12	15	9	10	10	
Cumulative rains	s (mm)				00.00			
	y: Based on the	weather review	of last week and t	he weather forec	ast for this week	, the following	g advice is given	
to the farmer.								
Specifications		ligh temperature may increase the water demand of the rabi crops. Therefore irrigate the crops as and when						
	crops show wilting symptoms and as per need on the basis of critical growth stages.							
	Prepare land, a	urrange fertilizers	s & seeds and sow	ing of Kakri, Kao	chri, Guar, cowp	ea, mungbean	crops.	
Crop	Stage	Details	Agro Advisory					
Wheat	grain	Irrigation	In timely sown wheat crop, provide the 6 <sup>th</sup> irrigation at grain ripening stage					
	formation		In timely sown	wheat crop, pro	vide the 6 <sup>th</sup> irrig	gation at grain		
		8	In timely sown (105-110 DAS).		vide the 6 <sup>th</sup> irrig	gation at grain		
			(105-110 DAS).				ripening stage	
			(105-110 DAS).				ripening stage	
		Terminal	(105-110 DAS). In late sown w irrigation.		ide the 5 <sup>th</sup> irriga	ation at 14-21	ripening stage days after 4 <sup>rd</sup>	
			(105-110 DAS). In late sown w irrigation. To avoid the c	heat crop, provi	de the 5 <sup>th</sup> irrigation by terminal heat	ation at 14-21 t in case of	a ripening stage days after 4 <sup>rd</sup> sudden rise in	
		Terminal	(105-110 DAS). In late sown w irrigation. To avoid the c	heat crop, provi lamage caused l rays of potassium	de the 5 <sup>th</sup> irrigation by terminal heat	ation at 14-21 t in case of	a ripening stage days after 4 <sup>rd</sup> sudden rise in	
Chick pea	Grain	Terminal heat	<ul><li>(105-110 DAS).</li><li>In late sown w irrigation.</li><li>To avoid the c temperature, spi reduce the losse</li></ul>	heat crop, provi lamage caused l rays of potassium	ide the 5 <sup>th</sup> irriga by terminal hea n chloride 0.2 p	ation at 14-21 t in case of er cent at hea	a ripening stage days after 4 <sup>rd</sup> sudden rise in ding stage may	
Chick pea	Grain development	Terminal heat management	<ul> <li>(105-110 DAS).</li> <li>In late sown w irrigation.</li> <li>To avoid the c temperature, spi reduce the losse</li> <li>In late sown chi</li> </ul>	heat crop, provi lamage caused l rays of potassium s.	ide the 5 <sup>th</sup> irrigative by terminal hea n chloride 0.2 p	t in case of er cent at hea do spray of 1	a ripening stage days after 4 <sup>rd</sup> sudden rise in ding stage may Indoxacarb 200	
Chick pea Mustrad		Terminal heat management Insect	<ul> <li>(105-110 DAS).</li> <li>In late sown w irrigation.</li> <li>To avoid the c temperature, spi reduce the losse</li> <li>In late sown chi ml or Emmamed</li> </ul>	heat crop, provi lamage caused l rays of potassium s. ickpea crop, to c	ide the 5 <sup>th</sup> irrigative by terminal hearn chloride 0.2 p control pod boren 100 gram per hearn	t in case of er cent at hea do spray of l ctare along wit	a ripening stage days after 4 <sup>rd</sup> sudden rise in ding stage may Indoxacarb 200 th water.	
*	development	Terminal heat management Insect control	<ul> <li>(105-110 DAS).</li> <li>In late sown w irrigation.</li> <li>To avoid the c temperature, spir reduce the losse</li> <li>In late sown chi ml or Emmamed</li> <li>To prevent sca maturity stage.</li> </ul>	heat crop, provi lamage caused l rays of potassium s. ickpea crop, to c ctin benzoate @ 1 ittering of pods	ide the 5 <sup>th</sup> irrigation by terminal hea n chloride 0.2 p control pod boren 100 gram per hea of mustard, cr	t in case of er cent at hea do spray of l ctare along wit	a ripening stage days after 4 <sup>rd</sup> sudden rise in ding stage may Indoxacarb 200 th water.	
*	development	Terminal heat management Insect control	<ul> <li>(105-110 DAS).</li> <li>In late sown w irrigation.</li> <li>To avoid the c temperature, spir reduce the losse</li> <li>In late sown chi ml or Emmamed</li> <li>To prevent sca maturity stage.</li> </ul>	heat crop, provi lamage caused l rays of potassium s. ickpea crop, to c ctin benzoate @	ide the 5 <sup>th</sup> irrigation by terminal hea n chloride 0.2 p control pod boren 100 gram per hea of mustard, cr	t in case of er cent at hea do spray of l ctare along wit	a ripening stage days after 4 <sup>rd</sup> sudden rise in ding stage may Indoxacarb 200 th water.	
Mustrad	development Maturity Seed development	Terminal heat management Insect control Harvesting	<ul> <li>(105-110 DAS).</li> <li>In late sown w irrigation.</li> <li>To avoid the c temperature, spi reduce the losse</li> <li>In late sown chi ml or Emmamed</li> <li>To prevent sca maturity stage.</li> <li>Provide irrigation</li> </ul>	heat crop, provi lamage caused l rays of potassium s. ickpea crop, to c ctin benzoate @ 1 ittering of pods	ide the 5 <sup>th</sup> irrigation by terminal hear n chloride 0.2 p control pod boren 100 gram per hear of mustard, cr	ation at 14-21 t in case of er cent at hea t do spray of 1 tare along wit op harvest a	a ripening stage days after 4 <sup>rd</sup> sudden rise in ding stage may Indoxacarb 200 th water. t physiological	
Mustrad	development Maturity Seed	Terminal heat management Insect control Harvesting Irrigation	<ul> <li>(105-110 DAS).</li> <li>In late sown w irrigation.</li> <li>To avoid the c temperature, spir reduce the losse</li> <li>In late sown chi ml or Emmamed</li> <li>To prevent sca maturity stage.</li> <li>Provide irrigation</li> <li>In timely sown timely.</li> </ul>	heat crop, provi lamage caused la rays of potassium s. ickpea crop, to c ctin benzoate @ 1 ttering of pods on to late sown fe fenugreek crop	ide the 5 <sup>th</sup> irrigation by terminal hear in chloride 0.2 p control pod boren 100 gram per hear of mustard, cr enugreek crop. , to prevent sca	ation at 14-21 t in case of er cent at hea t do spray of 1 tare along wit op harvest a	a ripening stage days after 4 <sup>rd</sup> sudden rise in ding stage may Indoxacarb 200 th water. t physiological	
Mustrad	development Maturity Seed development	Terminal heat management Insect control Harvesting Irrigation	<ul> <li>(105-110 DAS).</li> <li>In late sown w irrigation.</li> <li>To avoid the o temperature, spi reduce the losse</li> <li>In late sown chi ml or Emmamed</li> <li>To prevent sca maturity stage.</li> <li>Provide irrigation</li> <li>In timely sown timely.</li> <li>Timely irrigate to</li> </ul>	heat crop, provi lamage caused l rays of potassium s. ickpea crop, to c ctin benzoate @ 1 ittering of pods on to late sown fe fenugreek crop	ide the 5 <sup>th</sup> irrigation by terminal heat in chloride 0.2 p control pod boren 100 gram per heat of mustard, cr enugreek crop. , to prevent sca	ation at 14-21 t in case of er cent at hea t do spray of 1 tare along wit op harvest a ttering of poo	a ripening stage days after 4 <sup>rd</sup> sudden rise in ding stage may Indoxacarb 200 th water. t physiological ds crop harvest	
Mustrad Fenugreek	development Maturity Seed development	Terminal heat management Insect control Harvesting Irrigation Harvesting	<ul> <li>(105-110 DAS).</li> <li>In late sown w irrigation.</li> <li>To avoid the c temperature, spi reduce the losse</li> <li>In late sown chi ml or Emmamed</li> <li>To prevent sca maturity stage.</li> <li>Provide irrigation</li> <li>In timely sown timely.</li> <li>Timely irrigate to Adopt preventive</li> </ul>	heat crop, provi lamage caused la rays of potassium s. ickpea crop, to c ctin benzoate @ 2 ittering of pods on to late sown fe fenugreek crop the horticultural of ve measures aga	ide the 5 <sup>th</sup> irrigation by terminal hear in chloride 0.2 p control pod boren 100 gram per hear of mustard, cr mugreek crop. , to prevent sca crops.	ation at 14-21 t in case of er cent at hea t do spray of 1 ctare along with op harvest a ttering of pool milch animal	a ripening stage days after 4 <sup>rd</sup> sudden rise in ding stage may Indoxacarb 200 th water. t physiological ds crop harvest s. Vaccinate the	
Mustrad Fenugreek Horticulture	development Maturity Seed development	Terminal heat management Insect control Harvesting Irrigation Harvesting Irrigation	<ul> <li>(105-110 DAS).</li> <li>In late sown w irrigation.</li> <li>To avoid the c temperature, spir reduce the losse</li> <li>In late sown chir ml or Emmamed</li> <li>To prevent scar maturity stage.</li> <li>Provide irrigation</li> <li>In timely sown timely.</li> <li>Timely irrigate to Adopt preventive livestock anima</li> </ul>	heat crop, provi lamage caused l rays of potassium s. ickpea crop, to c ctin benzoate @ 1 ittering of pods on to late sown fe fenugreek crop the horticultural of ve measures aga ls against foot	ide the 5 <sup>th</sup> irrigate by terminal hear in chloride 0.2 p control pod boren 100 gram per hear of mustard, cr enugreek crop. , to prevent sca crops. inst mastitis in and mouth dise	ation at 14-21 t in case of er cent at hea t do spray of 1 ctare along with op harvest a ttering of pool milch animal	a ripening stage days after 4 <sup>rd</sup> sudden rise in ding stage may Indoxacarb 200 th water. t physiological ds crop harvest	
Mustrad Fenugreek Horticulture	development Maturity Seed development	Terminal heat management Insect control Harvesting Irrigation Harvesting Irrigation Health	<ul> <li>(105-110 DAS).</li> <li>In late sown w irrigation.</li> <li>To avoid the o temperature, spir reduce the losse</li> <li>In late sown chi ml or Emmamed</li> <li>To prevent sca maturity stage.</li> <li>Provide irrigation</li> <li>In timely sown timely.</li> <li>Timely irrigate to Adopt preventive livestock anima medicine agains</li> </ul>	heat crop, provi lamage caused la rays of potassium s. ickpea crop, to c ctin benzoate @ 2 ittering of pods on to late sown fe fenugreek crop the horticultural of ve measures aga	ide the 5 <sup>th</sup> irrigate by terminal hear in chloride 0.2 p control pod boren 100 gram per hear of mustard, cr enugreek crop. , to prevent sca crops. inst mastitis in and mouth dise	ation at 14-21 t in case of er cent at hea t do spray of 1 ctare along with op harvest a ttering of pool milch animal	a ripening stage days after 4 <sup>rd</sup> sudden rise in ding stage may Indoxacarb 200 th water. t physiological ds crop harvest s. Vaccinate the	