



ગ્રામીણ કૃષિ મૌસમ સેવા

હવામાન આગાહી આધારીત કૃષિસલાહ બુલેટીન

ઉત્તર સૌરાષ્ટ્રખેત આબોહવાકીયવિભાગ

તા.૦૨-૦૪-૨૦૧૬ થી તા.૦૬-૦૪-૨૦૧૬



(ગ્રામીણ કૃષિ મૌસમસેવા, સૂકી ખેતી સંશોધન કેન્દ્ર, જી.કૃ.યુ., તરઘડિયા અને ભારત મૌસમ વિભાગ દ્વારાસંપન્ન)

કૃષિહવામાન બુલેટીન નં. ૧/૨૦૧૬

પાછલા અઠવાડીયાનું રાજકોટનું હવામાન

હવામાન પરિબલો	
વરસાદ(મી.મી.)	0.0
મહત્તમ તાપમાન (સે.ગ્રે)	38.3-39.3
લઘુત્તમ તાપમાન (સે.ગ્રે)	18.0-19.6
ભેજ(%) સવાર	61-69
ભેજ(%) બપોરબાદ	28-33
પવનની ગતિ (કિમી/કલાક)	5.2-8.8

હવામાન આગાહી: પત્રક-ક

ઉત્તર સૌરાષ્ટ્રખેત આબોહવાકીય વિભાગ-હવામાન આગાહી

તા.૦૨-૦૪-૨૦૧૬ થી તા.૦૬-૦૪-૨૦૧૬

કૃષિ સલાહ:

સામાન્ય	<p>ભારતસરકારશ્રીના હવામાન ખાતા તરફથી મળેલ હવામાનમાહિતી અનુસાર અત્રેના ગ્રામીણકૃષિ મૌસમ સેવા વિભાગ, જુનાગઢ કૃષિ યુનિવર્સિટી, તરઘડીયાતરફથી જણાવવામાં આવે છે કે, ઉત્તર સૌરાષ્ટ્રખેત આબોહવાકીય વિસ્તારના</p> <p>રાજકોટ: જીલ્લામાંઆગામી તા. ૦૨-૦૪-૨૦૧૬ થી તા. ૦૬-૦૪-૨૦૧૬ દરમિયાન હવામાન સૂકું અને અંશત: થી મધ્યમ વાદળાયું રહેશે. પવનની દિશા પશ્ચિમ અને વાયવ્યની રહેવાની અને પવનની ઝડપ ૧૨ થી ૧૯ કીમી/કલાક રહેવાની શક્યતા છે. આ સમયગાળામાં મહત્તમ તાપમાન દિવસ દરમિયાન ૩૬-૩૮ ડીગ્રી સેલ્શીયસ જેટલું તેમજ લઘુત્તમ તાપમાન રાત્રી દરમિયાન ૨૩-૨૪ ડીગ્રી સેલ્શીયસજેટલું રહેવાની સંભાવના છે.</p>																																										
	<table border="1"><thead><tr><th>તારીખ</th><th>દિવસ-૧</th><th>દિવસ-૨</th><th>દિવસ-૩</th><th>દિવસ-૪</th><th>દિવસ-૫</th></tr><tr><th>પેરામીટર</th><th>૦૨-૦૪-૧૬</th><th>૦૩-૦૪-૧૬</th><th>૦૪-૦૪-૧૬</th><th>૦૫-૦૪-૧૬</th><th>૦૬-૦૪-૧૬</th></tr></thead><tbody><tr><td>વરસાદ(મી.મી)</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>મહત્તમ તાપમાન (સે.ગ્રે)</td><td>38</td><td>37</td><td>37</td><td>37</td><td>36</td></tr><tr><td>લઘુત્તમ તાપમાન (સે.ગ્રે)</td><td>24</td><td>24</td><td>24</td><td>24</td><td>23</td></tr><tr><td>વાદળની સ્થિતિ(ઓકટા)</td><td>1</td><td>5</td><td>8</td><td>2</td><td>2</td></tr><tr><td>મહત્તમ ભેજ (%) સવાર</td><td>78</td><td>71</td><td>61</td><td>66</td><td>69</td></tr></tbody></table>	તારીખ	દિવસ-૧	દિવસ-૨	દિવસ-૩	દિવસ-૪	દિવસ-૫	પેરામીટર	૦૨-૦૪-૧૬	૦૩-૦૪-૧૬	૦૪-૦૪-૧૬	૦૫-૦૪-૧૬	૦૬-૦૪-૧૬	વરસાદ(મી.મી)	0	0	0	0	0	મહત્તમ તાપમાન (સે.ગ્રે)	38	37	37	37	36	લઘુત્તમ તાપમાન (સે.ગ્રે)	24	24	24	24	23	વાદળની સ્થિતિ(ઓકટા)	1	5	8	2	2	મહત્તમ ભેજ (%) સવાર	78	71	61	66	69
તારીખ	દિવસ-૧	દિવસ-૨	દિવસ-૩	દિવસ-૪	દિવસ-૫																																						
પેરામીટર	૦૨-૦૪-૧૬	૦૩-૦૪-૧૬	૦૪-૦૪-૧૬	૦૫-૦૪-૧૬	૦૬-૦૪-૧૬																																						
વરસાદ(મી.મી)	0	0	0	0	0																																						
મહત્તમ તાપમાન (સે.ગ્રે)	38	37	37	37	36																																						
લઘુત્તમ તાપમાન (સે.ગ્રે)	24	24	24	24	23																																						
વાદળની સ્થિતિ(ઓકટા)	1	5	8	2	2																																						
મહત્તમ ભેજ (%) સવાર	78	71	61	66	69																																						

લઘુતમ ભેજ (%) બપોરબાદ	34	35	30	29	31
પવનની ગતિ (કિમી/કલાક)	15	17	19	16	12
પવનની દિશા (ડીગ્રી)	287	302	306	290	285

જામનગર: જીલ્લામાં આગામી તા.૦૨-૦૪-૨૦૧૬ થી તા.૦૬-૦૪-૨૦૧૬ દરમિયાન હવામાન સુકું અને અંશત: થી મધ્યમ વાદળછાયું રહેશે. પવનની દિશા પશ્ચિમ અને વાયવ્યની રહેવાની અને પવનની ઝડપ ૧૨ થી ૧૯ કીમી/કલાક રહેવાની શક્યતા છે. આ સમયગાળામાં મહત્તમ તાપમાન દિવસ દરમિયાન ૩૪-૩૬ ડીગ્રી સેલ્શીયસ જેટલું તેમજ લઘુત્તમ તાપમાન રાત્રી દરમિયાન ૨૩-૨૪ ડીગ્રી સેલ્શીયસ જેટલું રહેવાની સંભાવના છે.

તારીખ	દિવસ-૧	દિવસ-૨	દિવસ-૩	દિવસ-૪	દિવસ-૫
પેરામીટર	૦૨-૦૪-૧૬	૦૩-૦૪-૧૬	૦૪-૦૪-૧૬	૦૫-૦૪-૧૬	૦૬-૦૪-૧૬
વરસાદ(મી.મી)	0	0	0	0	0
મહત્તમ તાપમાન (સે.ગ્રે)	35	34	35	35	36
લઘુત્તમ તાપમાન (સે.ગ્રે)	24	24	24	23	23
વાદળની સ્થિતિ(ઓકટા)	1	6	8	2	3
મહત્તમ ભેજ (%) સવાર	81	76	69	71	73
લઘુત્તમ ભેજ (%) બપોરબાદ	46	47	39	36	41
પવનની ગતિ (કિમી/કલાક)	14	15	19	16	12
પવનની દિશા (ડીગ્રી)	279	292	295	279	275

અમરેલી: જીલ્લામાં આગામી તા.૦૨-૦૪-૨૦૧૬ થી તા.૦૬-૦૪-૨૦૧૬ દરમિયાન હવામાન સુકું અને અંશત: થી મધ્યમ વાદળછાયું રહેશે. પવનની દિશા વાયવ્યની રહેવાની અને પવનની ઝડપ ૧૨ થી ૧૮ કીમી/કલાક રહેવાની શક્યતા છે. આ સમયગાળામાં મહત્તમ તાપમાન દિવસ દરમિયાન ૩૯-૪૦ ડીગ્રી સેલ્શીયસ જેટલું તેમજ લઘુત્તમ તાપમાન રાત્રી દરમિયાન ૨૨-૨૩ ડીગ્રી સેલ્શીયસ જેટલું રહેવાની સંભાવના છે.


તારીખ	દિવસ-૧	દિવસ-૨	દિવસ-૩	દિવસ-૪	દિવસ-૫
પેરામીટર	૦૨-૦૪-૧૬	૦૩-૦૪-૧૬	૦૪-૦૪-૧૬	૦૫-૦૪-૧૬	૦૬-૦૪-૧૬
વરસાદ(મી.મી)	0	0	0	0	0
મહત્તમ તાપમાન (સે.ગ્રે)	38	39	40	39	39
લઘુત્તમ તાપમાન (સે.ગ્રે)	21	22	23	23	22
વાદળની સ્થિતિ(ઓકટા)	1	5	7	3	1
મહત્તમ ભેજ (%) સવાર	74	68	58	62	64
લઘુત્તમ ભેજ (%) બપોરબાદ	35	35	28	29	31
પવનની ગતિ (કિમી/કલાક)	15	17	18	16	12
પવનની દિશા (ડીગ્રી)	299	315	318	301	300




સુરેન્દ્રનગર: જીલ્લામાં આગામી તા.૦૨-૦૪-૨૦૧૬ થી તા.૦૬-૦૪-૨૦૧૬ દરમિયાન હવામાન સુકું અને અંશત: થી માધ્યમ વાદળછાયું રહેશે. પવનની દિશા પશ્ચિમ અને વાયવ્યની રહેવાની અને પવનની ઝડપ ૧૨ થી ૧૭ કીમી/કલાક રહેવાની શક્યતા છે. આ સમયગાળામાં મહત્તમ તાપમાન દિવસ દરમિયાન ૩૮-૩૯ ડીગ્રી સેલ્શીયસ



જેટલું તેમજ લઘુત્તમ તાપમાન રાત્રી દરમ્યાન ૨૪-૨૫ ડીગ્રી સેલ્શીયસ જેટલું રહેવાની સંભાવના છે.

તારીખ	દિવસ-૧	દિવસ-૨	દિવસ-૩	દિવસ-૪	દિવસ-૫
પેરામીટર	૦૨-૦૪-૧૬	૦૩-૦૪-૧૬	૦૪-૦૪-૧૬	૦૫-૦૪-૧૬	૦૬-૦૪-૧૬
વરસાદ(મી.મી)	૦	૦	૦	૦	૦
મહત્તમ તાપમાન (સે.ગ્રે)	૩૯	૩૮	૩૯	૩૮	૩૮
લઘુત્તમ તાપમાન (સે.ગ્રે)	૨૪	૨૪	૨૫	૨૪	૨૪
વાદળની સ્થિતિ(ઓકટા)	૧	૫	૮	૩	૨
મહત્તમ ભેજ (%) સવાર	૭૦	૬૧	૫૧	૫૫	૬૦
લઘુત્તમ ભેજ (%) બપોરબાદ	૨૩	૨૫	૨૦	૨૦	૨૨
પવનની ગતિ (કિમી/કલાક)	૧૪	૧૫	૧૭	૧૫	૧૨
પવનની દિશા (ડીગ્રી)	૨૭૫	૨૮૪	૨૯૪	૨૭૮	૨૭૮

એપ્રિલ ૬ સુધી હવામાન સૂકું, ગરમ અને અંશતઃ થી મધ્યમ વાદળાયું રહેશે. પવનની દિશા વાયવ્યની રહેવાની અને પવનની ઝડપ ૧૨ થી ૧૮ કીમી/કલાક રહેવાની શક્યતા છે. આ સમયગાળામાં મહત્તમ તાપમાન દિવસ દરમ્યાન ૩૮-૩૯ ડીગ્રી સેલ્શીયસ જેટલું તેમજ લઘુત્તમ તાપમાન રાત્રી દરમ્યાન ૨૨-૨૩ ડીગ્રી સેલ્શીયસ જેટલું રહેવાની સંભાવના છે.

મુખ્ય પાક	પાક અવસ્થા	રોગ/જીવાત/જાત	કૃષિ સલાહ
pGF/ DU	J'lwW	Y L%;4 ;O[N DFBL4 ,L,L .I/	(૧૦ લીટર પાણીમાં મિશ્ર કરી ભલામણ કરેલ દવા છાંટવી) ,L\AM/LG]\ T[, 5_ DL,L VYJF ,L\AM/LGF DL\HG]\ 5 8SF VS"G]\ N=FJ6 5__ DL,L VG[5 MO[GMOM; Z_ DL,L !_ ,L 5F6LDF IDz SZL K\8SFJ SZJMP HM .I/MGM JW] p5N=J CMI TM .g0MS;FSFA" !_ DL,L q!_ ,L8Z 5F6LDF\ DLz SZL K\8SJ SZJMP 
pGF/ DUO/L	O),	;O[N DFBL	T[GF IGI\+6 DF8[V[;L8FDF5]L0 5 U FD ,L8Z 5F6LDF\ IDz SZL K\8SJ SZJMP O), VJ:YFV[C/J] 15IT VF5J]P

			
<p>pGF/ T,</p>	<p>J'lwWq O],</p>	<p>Y L%;4 ;O[N DFBL VG[,xSZL .I/</p>	<ul style="list-style-type: none"> ➤ T[GF IGI+6 DF8[V[;L8FDF5 L0 5 U FD VG[V[DFD[S8LG * U FD !_ ,L8Z 5F6LDF\ IDz SZL K\8SJ SZJMP ➤ T[DH T,GF 5FSG[O], VJ:YFV[C/J] 15IT VF5J]P tIFZAFN HDLGGL 5 T D]HA !_v!Z INJ;GF UF/[15IT VF5J]P JWFZ[5]DF6DF\ 8}\SF V\TZ[15IT VF5JF GIC4 H~Z SZTF JWFZ[E[HYL T,DF ;}SFZM VG[SF/LIM ZMU VFJJFGL XSITF ZC[K[P 
<p>S5F; VG[3p\</p>	<p>SZF\9L p5F0JL SF56L</p>		<p>S5F;GL SZF\9LG[ZM8FJ[8ZqRSZ0LsRM5ZfGL DNNYL 8}S0F SZLG[HDLGDF\ E[/JLqNF8L N[JL H[YL HDLGDF\ ;[gN=LI TtJ pD[ZFJFYL HDLGGF :JF:YIDF\ ;]WFZM YX[P 3p\GL SF56L CFJ[":8ZYL SIF" 5KL B[TZDF\ ZC[, 3p\GF EF9Fv5ZF/ ;/UFJJ] GCLP 5Z\T] T[G[YM0F INJ; ;]I"GF T0SFDF\ T5JF N[JF VG[tIFZAFN A5MZAFN ;DFZ4 8[=S8ZG]\ ;]50] S[ZM8FJ[8ZYL E}SM SZL HDLGDF\ E[/JL N[JFP</p>
<p>RFZFG L H]JFZ</p>	<p>J'lwW</p>	<p>Y L%; VG[S]\5/GL .I/</p>	<ul style="list-style-type: none"> ➤ T[GF IGI\+6 DF8[,[d0F ;FIC[,MY LG 5 8SF !_ DLP,LPq!_ ,L8Z 5F6LDF\ DLz SZL K\8SJ SZJMP

ZL\U6L VG[8D[8L	O],qO/	Y L%;4 ;O[N DFBL	➤ ,L\AM/LG]\ T[, 5_ DL,L VYJF ,L\AM/LGF DL\HG]\ 5 8SF VS"G]\ N=FJ6 5__ DL,L !_ ,L 5F6LDF IDz SZL K\8SFJ SZJMP HM JW] p5N=J CMI TM V[;L8[DF5]L0 Z_ 8SF 5 U FDq!_ ,L8Z 5F6LDF\ DLz SZL K\8SJ SZJMP
DZRL	O],qO/	Y L%; 	5[MO[GMOM; Z_ DLP,LP VG[,L\AM/LG]\ T[, 5_ DL,L VYJF ,L\AM/LGF DL\HG]\ 5 8SF VS"G]\ N=FJ6 5__ DL,L !_ ,L 5F6LDF IDz SZL K\8SFJ SZJM 
EL\OF	J'lwWqO],q XL\U	Y L%;4;O[N DFBL	➤ T[GF IGI\+6 DF8[V[;L8[DF5]L0 Z_ 8SF 5 U FD VG[,L\AM/LG]\ T[, 5_ DL,L VYJF ,L\AM/LGF DL\HG]\ 5 8SF VS"G]\ N=FJ6 5__ DL,L q!_ ,L8Z 5F6LDF\ DLz SZL K\8SJ SZJMP
T]ZLIF	J'lwWqO],q O/	Y L%;4 ;O[N DFBL	➤ T[GF IGI\+6 DF8[V[;L8[DF5]L0 Z_ 8SF 5 U FD VG[,L\AM/LG]\ T[, 5_ DL,L VYJF ,L\AM/LGF DL\HG]\ 5 8SF VS"G]\ N=FJ6 5__ DL,L q!_ ,L8Z 5F6LDF\ DLz SZL K\8SJ SZJMP
N}WL	J'lwWqO],q O/	Y L%;4 ;O[N DFBL	➤ T[GF IGI\+6 DF8[V[;L8[DF5]L0 Z_ 8SF 5 U FD VG[,L\AM/LG]\ T[, 5_ DL,L VYJF ,L\AM/LGF DL\HG]\ 5 8SF VS"G]\ N=FJ6 5__ DL,L q!_ ,L8Z 5F6LDF\ DLz SZL K\8SJ SZJMP
U,SF\	J'lwWqO],q O/	Y L%;4 ;O[N DFBL	➤ T[GF IGI\+6 DF8[V[;L8[DF5]L0 Z_ 8SF 5 U FD VG[,L\AM/LG]\ T[, 5_ DL,L VYJF ,L\AM/LGF DL\HG]\ 5 8SF VS"G]\ N=FJ6 5__ DL,L q!_ ,L8Z 5F6LDF\ DLz SZL K\8SJ SZJMP
SFZ[,F\	J'lwWqO],q O/	Y L%;4 ;O[N DFBL	➤ T[GF IGI\+6 DF8[V[;L8[DF5]L0 Z_ 8SF 5 U FD VG[,L\AM/LG]\ T[, 5_ DL,L VYJF ,L\AM/LGF DL\HG]\ 5 8SF VS"G]\ N=FJ6 5__ DL,L q!_ ,L8Z 5F6LDF\ DLz SZL K\8SJ SZJMP
U]JFZ	J'lwWqO],qX L\U	Y L%;4 ;O[N DFBL	➤ T[GF IGI\+6 DF8[V[;L8[DF5]L0 Z_ 8SF 5 U FD VG[,L\AM/LG]\ T[, 5_ DL,L VYJF ,L\AM/LGF DL\HG]\ 5 8SF VS"G]\ N=FJ6 5__ DL,L q!_ ,L8Z 5F6LDF\ DLz SZL K\8SJ SZJMP
SFSOL	J'lwWqO],q O/	Y L%;4 ;O[N DFBL	➤ T[GF IGI\+6 DF8[V[;L8[DF5]L0 Z_ 8SF 5 U FD VG[,L\AM/LG]\ T[, 5_ DL,L VYJF ,L\AM/LGF DL\HG]\ 5 8SF VS"G]\ N=FJ6 5__ DL,L q!_ ,L8Z 5F6LDF\ DLz SZL K\8SJ SZJMP

TZA]R	J'lwWqO],	Y L%;4 ;O N DFBL	<p>➤ T[GF IGI\+6 DF8[V[;L8[DF5]L0 Z_ 8SF 5 U FD VG[,L\AM/LG]\ T[, 5_ DL,L VYJF ,L\AM/LGF DL\HG]\ 5 8SF VS"G]\ N=FJ6 5__ DL,L q!_ ,L8Z 5F6LDF\ DLz SZL K\8SJ SZJMP</p>
VF\AM	O/ A\WFJF	DIWIM4Y L%; ▶ DMZ VG[▼▶ 0)\B SMZL BFGFZL .I/ VG[15IT	<p>>DL0FS,M5]L0 !*P(8SF # DLP,LP VG[Z_ DLP,LP SJLGF,OM; q!_ ,L8Z 5F6LDF\ DLz SZL K\8SJ SZJMP</p> <p>VF\AFGF 5FSDF\ DUvR6FGF NF6F H[J0L S[ZL YFI V[8,[C/J] 15IT VF5J]P</p>
5X]qDZ 3F	<p>5X]VMDF\ U/;]\-M TYF UF\9LIF TFJGF IGI\+6 DF8[Z;LSZ6 SZJ] VG[SZDLIFGL UM/L VF5JLP N]WF/F 5X]GF VFPg[hL\S VMS;F.0 VYJF AMZLS 5FJ0Z YL AZFAZ ;FO SZJ]P T[DH .TZ0LGF IGI\+6 DF8[0[<8FD[Y LG VYJF V[DL8]Fh Z DLP,LP V[S ,L8Z 5F6LDF\ GFBLG[KF\8JLP</p>		

જા.નં.જુકૃયુ/સંવૈ(સુખે)/એગ્રોમેટ/બુલેટીન/ /૨૦૧૬, તરઘડિયા(રાજકોટ),તારીખ:
૦૧/૦૪/૨૦૧૬.

પ્રતિ,
તંત્રીશ્રી/ડાયરેક્ટરશ્રી,
રાજકોટ,

ઉપરોક્ત માહિતી આપના દૈનિક સમાચાર પત્રોમાં,રેડીયોમાં ગામના ચો
કાર્યક્રમમાં વિનામૂલ્યેપ્રસિધ્ધ કરાવવા નમ્ર વિનતી છે.સહકારનીઅપેક્ષા સહ આભાર.

રાના કાર્યક્રમમાં તથા ટીવીના ગ્રામ્ય

સંશોધન વૈજ્ઞાનિક (સુકી ખેતી)
જુનાગઢ કૃષિ યુનિવર્સિટી
તરઘડીયા



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Agro met Advisory Service bulletin No.-1 for the Rajkot district

(Issued jointly by DFRS, J.A.U., Targhadia (Rajkot) and India Meteorological Department)

(Period 2-6 April- 2016)

Significant past weather for the preceding week of Rajkot



Rainfall (mm)	0.0
Maximum temperature (°C)	38.3-39.3
Minimum temperature (°C)	18.0-19.6
Relative Humidity (%) I	61-69
Relative Humidity (%) II	28-33
Wind speed (Kmph)	5.2-8.8


Weather forecast until 08-30 hrs of 06/04/2016



(1) RAJKOT DISTRICT:

	2/04/16	03/04/16	04/04/16	05/04/16	06/04/16
Rainfall (mm)	0	0	0	0	0
Max.Temp.(°C)	38	37	37	37	36
Min.Temp.(°C)	24	24	24	24	23
Total CC (octa)	1	5	8	2	2
RH-I (%)	78	71	61	66	69
RH-II (%)	34	35	30	29	31
Wind Speed (kmph)	15	17	19	16	12
Wind Direction(deg.)	287	302	306	290	285

Agro meteorological Advisories:

General Advice	<ul style="list-style-type: none"> • Rain fall: Dry, hot and mainly clear to generally cloudy weather forecasted for next five days. • Temperature:Maximum and minimum temperature likely to be in range of 36-38°C and 23-24°C, respectively. • Relative Humidity: The RH is likely to be in the range of 29-78 % • Wind Direction and Speed: Direction and speed of wind is likely to be NW, W and 12-18 km/h, respectively. 		
Crops	Stage	Insect/Pest/Variety	Advisory
Summer green/Black gram	Growing	Thrips, Heliothis and prodenia	Heavy attack of thrips observed due to cloudy weather. To control thrips spray profenofos 50 % EC@ 20 ml and emamectin benzoate 7 gm/10 lit of water. 
Summer groundnut	Flowering	Thrips, white fly	Apply light irrigation at flowering stage 
Summer Sesame	Growing & Flowering	Thrips, white fly and prodenia	Under present weather condition infestation of thrips, whiteflies and prodenia were observed in summer sown groundnut and sesame. To control them spray acetamiprid 20 % SP@ 5.0 gm and emamectin benzoate 7 gm/10 lit of water.

			
Fodder sorghum	Growth	Thrips and shoot borer	Spray <i>lambda-cyhalothrin</i> 5 % EC, 10 ml/10 litre of water
Lady finger	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Ridge gourd	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Bottle gourd	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Sponge gourd	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Bitter gourd	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Cluster bean	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Water melon	Fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Brinjal	Growing/fruiting	Sucking pest	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at

			15 days interval.
Chili	Flowering & fruiting	Thrips → 	In present weather conditions severe attack of thrips has been reported. Spray 20 ml profenofos in 10 litres of water.
Mango	Fruit Development	Fruit fly Irrigation	Spray mixture of Fenthion 10 ml or DDVP 4 ml and Methyle ugenol 10 ml in 10 litres of water Apply light irrigation as mango fruit size become gram grain size.
Livestock & poultry 	Do Vaccination for Haemorrhagic septicemia (H.S.) disease and Blue Quarter (B.Q.) in animals. Udder of milking animals must be properly clean with zinc oxide or boric powder. Also give deworming tablet to younger animals. For control of ticks and mites spray Deltamethrin or Amitral 2 ml/liter of water.		

Technical Officer, GKMS Unit, DFRS, JAU, Targhadia.

	<p>GraminKrushiMausamSeva Main Dry Farming Research Station Junagadh Agricultural University Targhadia (Rajkot) - 360 003 Phone: (0281)2784260(O), 2331686(R) Fax : (0281)2784722, Cell :94277 28523</p>	
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Agro met Advisory Service bulletin No.1 for the Jamnagar district
(Issued jointly by DFRS, J.A.U., Targhadia (Rajkot) and India Meteorological Department)
(Period 2-6 April- 2016)


Weather forecast until 08-30 hrs of 06/04/2016



(2) JAMNAGAR DISTRICT:

	02/04/16	03/04/16	04/04/16	05/04/16	06/04/16
Rainfall (mm)	0	0	0	0	0
Max.Temp.(°C)	35	34	35	35	36
Min.Temp.(°C)	24	24	24	23	23
Total CC (octa)	1	6	8	2	3
RH-I (%)	81	76	69	71	73
RH-II (%)	46	47	39	36	41
Wind Speed (kmph)	14	15	19	16	12
Wind Direction(deg.)	279	292	295	279	275

Agro meteorological Advisories:-

<p>General Advice</p>	<ul style="list-style-type: none"> • Rain fall: Dry, hot and mainly clear to generally cloudy weather forecasted for next five days. • Temperature: Maximum and minimum temperature likely to be in range of 35-36°C and 23-24°C, respectively. • Relative Humidity: The RH is likely to be in the range of 36-81 % <p>Wind Direction and Speed: Direction and speed of wind is likely to be NW, W and 12-19 km/h, respectively.</p>		
Crops	Stage	Insect/Pest/Variety	Advisory
<p>Summer green/Black gram</p>	<p>Growing</p>	<p>Thrips, Heliothis and prodenia</p>	<p>Heavy attack of thrips observed due to cloudy weather. To control thrips spray profenofos 50 % EC@ 20 ml and emamectin benzoate 7 gm/10 lit of water.</p> 
<p>Summer groundnut</p>	<p>Flowering</p>	<p>Thrips, white fly</p>	<p>Apply light irrigation at flowering stage</p> 
<p>Summer Sesame</p>	<p>Growing & Flowering</p>	<p>Thrips, white fly and prodenia</p>	<p>Under present weather condition infestation of thrips, whiteflies and prodenia were observed in summer sown groundnut and sesame. To control them spray acetamiprid 20 % SP@ 5.0 gm and emamectin benzoate 7 gm/10 lit of water.</p>

			
Fodder sorghum	Growth	Thrips and shoot borer	Spray <i>lambda-cyhalothrin</i> 5 % EC, 10 ml/10 litre of water
Lady finger	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Ridge gourd	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Bottle gourd	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Sponge gourd	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Bitter gourd	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Cluster bean	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Water melon	Fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Brinjal	Growing/fruiting	Sucking pest	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at

			15 days interval.
Chili	Flowering & fruiting	Thrips → 	In present weather conditions severe attack of thrips has been reported. Spray 20 ml profenofos in 10 litres of water.
Mango	Fruit Development	Fruit fly Irrigation	Spray mixture of Fenthion 10 ml or DDVP 4 ml and Methyle ugenol 10 ml in 10 litres of water Apply light irrigation as mango fruit size become gram grain size
Livestock & poultry 	Do Vaccination for Haemorrhagic septicemia (H.S.) disease and Blue Quarter (B.Q.) in animals. Udder of milking animals must be properly clean with zinc oxide or boric powder. Also give deworming tablet to younger animals. For control of ticks and mites spray Deltamethrin or Amitral 2 ml/liter of water.		

Technical Officer, GKMS Unit, DFRS, JAU, Targhadia.

	<p>GraminKrushiMausamSeva Main Dry Farming Research Station Junagadh Agricultural University Targhadia (Rajkot) - 360 003 Phone: (0281)2784260(O), 2331686(R) Fax : (0281)2784722, Cell :94277 28523</p>	
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Agro met Advisory Service bulletin No.1 for the Amreli district

(Issued jointly by DFRS, J.A.U., Targhadia (Rajkot) and India Meteorological Department)

(Period 2-6 April- 2016)



Weather forecast until 08-30 hrs of 06/04/2016


(3) AMRELI DISTRICT:



	02/04/16	03/04/16	04/04/16	05/04/16	06/04/16
Rainfall (mm)	0	0	0	0	0
Max.Temp.(°C)	38	39	40	39	39
Min.Temp.(°C)	21	22	23	23	22
Total CC (octa)	1	5	7	3	1
RH-I (%)	74	68	58	62	64
RH-II (%)	35	35	28	29	31

Wind Speed (kmph)	15	17	18	16	12
Wind Direction(deg.)	299	315	318	301	300

Agro meteorological Advisories:

General Advice	<ul style="list-style-type: none"> • Rain fall: Dry, hot and mainly clear to generally cloudy weather forecasted for next five days. • Temperature: Maximum and minimum temperature likely to be in range of 38-40°C and 21-23°C, respectively. • Relative Humidity: The RH is likely to be in the range of 28-74 % • Wind Direction and Speed: Direction and speed of wind is likely to be NW, W and 12-18 km/h, respectively. 		
Crops	Stage	Insect/Pest/Variety	Advisory
Summer green/Black gram	Growing	Thrips, Heliothis and prodenia	<p>Heavy attack of thrips observed due to cloudy weather.</p> <p>To control thrips spray profenofos 50 % EC@ 20 ml and emamectin benzoate 7 gm/10 lit of water.</p> 
Summer groundnut	Flowering	Thrips, white fly	<p>Apply light irrigation at flowering stage</p> 
Summer Sesame	Growing & Flowering	Thrips, white fly and prodenia	<p>Under present weather condition infestation of thrips, whiteflies and prodenia were observed in summer sown groundnut and sesame. To control them spray acetamiprid 20 % SP@ 5.0 gm and emamectin benzoate 7 gm/10 lit of water.</p>

			
Fodder sorghum	Growth	Thrips and shoot borer	Spray <i>lambda-cyhalothrin</i> 5 % EC, 10 ml/10 litre of water
Lady finger	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Ridge gourd	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Bottle gourd	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Sponge gourd	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Bitter gourd	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Cluster bean	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Water melon	Fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Brinjal	Growing/fruiting	Sucking pest	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at

			15 days interval.
Chili	Flowering & fruiting	Thrips → 	In present weather conditions severe attack of thrips has been reported. Spray 20 ml profenofos in 10 litres of water.
Mango	Fruit Development	Fruit fly Irrigation	Spray mixture of Fenthion 10 ml or DDVP 4 ml and Methyle ugenol 10 ml in 10 litres of water Apply light irrigation as mango fruit size become gram grain size
Livestock & poultry 	Do Vaccination for Haemorrhagic septicemia (H.S.) disease and Blue Quarter (B.Q.) in animals. Udder of milking animals must be properly clean with zinc oxide or boric powder. Also give deworming tablet to younger animals. For control of ticks and mites spray Deltamethrin or Amitral 2 ml/liter of water.		

Technical Officer, GKMS Unit, DFRS, JAU, Targhadia.

	<p>Gramin Krushi Mausam Seva Main Dry Farming Research Station Junagadh Agricultural University Targhadia (Rajkot) - 360 003 Phone: (0281)2784260(O), 2331686(R) Fax : (0281)2784722, Cell:94277 28523</p>	
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Agro met Advisory Service bulletin No.-1 for the Surendranagar district

(Issued jointly by DFRS, J.A.U., Targhadia (Rajkot) and India Meteorological Department)

(Period 30th March to 3rd April- 2016)



Weather forecast until 08-30 hrs of 06/04/2016


(4) SURENDRANAGAR DISTRICT:



	02/04/16	03/04/16	04/04/16	05/04/16	06/04/16
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Rainfall (mm)	0	0	0	0	0
Max.Temp.(°C)	39	38	39	38	38
Min.Temp.(°C)	24	24	25	24	24
Total CC (octa)	1	5	8	3	2
RH-I (%)	70	61	51	55	60
RH-II (%)	23	25	20	20	22
Wind Speed (kmph)	14	15	17	15	12
Wind Direction(deg.)	275	284	294	278	278

Agro meteorological advisories:

General Advice	<ul style="list-style-type: none"> • Rain fall: Dry, hot and mainly clear to generally cloudy weather forecasted for next five days. • Temperature: Maximum and minimum temperature likely to be in range of 38-39°C and 24-25°C, respectively. • Relative Humidity: The RH is likely to be in the range of 20-70 % • Wind Direction and Speed: Direction and speed of wind is likely to be NW, W and 12-18 km/h, respectively. 		
Crops	Stage	Insect/Pest/Variety	Advisory
Summer green/Black gram	Growing	Thrips, Heliothis and prodenia	<p>Heavy attack of thrips observed due to cloudy weather.</p> <p>To control thrips spray profenofos 50 % EC@ 20 ml and emamectin benzoate 7 gm/10 lit of water.</p> 
Summer groundnut	Flowering	Thrips, white fly	<p>Apply light irrigation at flowering stage</p> 
Summer Sesame	Growing & Flowering	Thrips, white fly and prodenia	<p>Under present weather condition infestation of thrips, whiteflies and prodenia were observed in summer sown groundnut and sesame. To control them spray acetamiprid 20 % SP@ 5.0 gm and emamectin benzoate 7 gm/10 lit of water.</p>

			
Fodder sorghum	Growth	Thrips and shoot borer	Spray <i>lambda-cyhalothrin</i> 5 % EC, 10 ml/10 litre of water
Lady finger	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Ridge gourd	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Bottle gourd	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Sponge gourd	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Bitter gourd	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Cluster bean	Growing/fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Water melon	Fruiting	Thrips, white fly	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.

Brinjal	Growing/fruiting	Sucking pest	To control them spray neem seed extract 500 ml or neem seed oil 50 or neem oil 40 ml and acetamiprid 20 % SP@ 5.0 gm / 10 lit of water at 15 days interval.
Chili	Flowering & fruiting	Thrips → 	In present weather conditions severe attack of thrips has been reported. Spray 20 ml profenofos in 10 litres of water.
Mango	Fruit Development	Fruit fly Irrigation	Spray mixture of Fenthion 10 ml or DDVP 4 ml and Methyle ugenol 10 ml in 10 litres of water Apply light irrigation as mango fruit size become gram grain size
Livestock & poultry 	Do Vaccination for Haemorrhagic septicemia (H.S.) disease and Blue Quarter (B.Q.) in animals. Udder of milking animals must be properly clean with zinc oxide or boric powder. Also give deworming tablet to younger animals. For control of ticks and mites spray Deltamethrin or Amitral 2 ml/liter of water.		

Technical Officer, GKMS Unit, DFRS, JAU, Targhadia.