



ग्रामीण कृषि मौसम सेवा

हवामान आगाही आधारित कृषिसलाह बुलेटीन

उत्तर सौराष्ट्रभेत् आबोहवाकीय विभाग



ता.०५-०२-२०१५ थी ता.१०-०२-२०१५

(ग्रामीण कृषि मौसमसेवा, सूकी भेती संशोधन केन्द्र, जू.कृ.यु.,तरघडिया अने भारत मौसम विभाग द्वारा संपन्न)

कृषि हवामान बुलेटीन नं. ६०/२०१५

पाछला अठवाडीयानुं राजकोटनुं हवामान

हवामान परिबल्लो	
वरसाड(मी.मी.)	०.०
महतम तापमान (से.ग्रे)	२८.९-३०.०
लघुतम तापमान (से.ग्रे)	१०.५-१३.०
लेज(%) सवार	५४-६५
लेज(%) बपोरबाड	३४-४२
पवननी गति (किमी/कलाक)	५.५-५.९

हवामान आगाही: पत्रक-५

उत्तर सौराष्ट्रभेत् आबोहवाकीय विभाग-हवामान आगाही

ता.०५-०२-२०१५ थी ता.१०-०२-२०१५

कृषि सलाह:

सामान्य	<p>भारतसरकारश्रीना हवामान भाता तरइथी मणेल हवामान माहिती अनुसार अत्रेना ग्रामीण कृषि मौसम सेवा विभाग,जुनागढ कृषि युनिवर्सिटी, तरघडिया तरइथी जणाववामां आवे छे के, उत्तर सौराष्ट्र भेत् आबोहवाकीय विस्तारना</p> <p>राजकोट: जुल्लामां आगामी ता.०५-०२-२०१५ थी ता.१०-०२-२०१५ दरभ्यान हवामान सुकुं अने योषुं रहेशे. पवननी दिशा ईशान4 वायव्य अने पूर्वनी रहेवानी अने पवननी ँडप १० थी १५ कीमी/कलाक रहेवानी शक्यता छे. आ समयगाणामां महतम तापमान दिवस दरभ्यान ३२-३३ डीग्री सेल्शियस जेटलुं तेमज लघुतम तापमान रात्री दरभ्यान १२-१३ डीग्री सेल्शियस जेटलुं रहेवानी संलावना छे.</p>																																				
	<table border="1"><thead><tr><th>तारीख</th><th>दिवस-१</th><th>दिवस-२</th><th>दिवस-३</th><th>दिवस-४</th><th>दिवस-५</th></tr><tr><th>पेसामीटर</th><th>०५-०१-१५</th><th>०७-०२-१५</th><th>०८-०२-१५</th><th>०९-०२-१५</th><th>१०-०२-१५</th></tr></thead><tbody><tr><td>वरसाड(मी.मी)</td><td>०</td><td>०</td><td>०</td><td>०</td><td>०</td></tr><tr><td>महतम तापमान (से.ग्रे)</td><td>३२</td><td>३२</td><td>३३</td><td>३३</td><td>३२</td></tr><tr><td>लघुतम तापमान (से.ग्रे)</td><td>१३</td><td>१२</td><td>१२</td><td>१३</td><td>१३</td></tr><tr><td>वाडणनी स्थिति(ओकटा)</td><td>०</td><td>०</td><td>०</td><td>०</td><td>०</td></tr></tbody></table>	तारीख	दिवस-१	दिवस-२	दिवस-३	दिवस-४	दिवस-५	पेसामीटर	०५-०१-१५	०७-०२-१५	०८-०२-१५	०९-०२-१५	१०-०२-१५	वरसाड(मी.मी)	०	०	०	०	०	महतम तापमान (से.ग्रे)	३२	३२	३३	३३	३२	लघुतम तापमान (से.ग्रे)	१३	१२	१२	१३	१३	वाडणनी स्थिति(ओकटा)	०	०	०	०	०
तारीख	दिवस-१	दिवस-२	दिवस-३	दिवस-४	दिवस-५																																
पेसामीटर	०५-०१-१५	०७-०२-१५	०८-०२-१५	०९-०२-१५	१०-०२-१५																																
वरसाड(मी.मी)	०	०	०	०	०																																
महतम तापमान (से.ग्रे)	३२	३२	३३	३३	३२																																
लघुतम तापमान (से.ग्रे)	१३	१२	१२	१३	१३																																
वाडणनी स्थिति(ओकटा)	०	०	०	०	०																																

મહતમ ભેજ (%) સવાર	62	54	36	36	52
લઘુતમ ભેજ (%) બપોરબાદ	14	26	13	14	16
પવનની ગતિ (કિમી/કલાક)	15	10	15	14	14
પવનની દિશા (ડીગ્રી)	317	280	26	109	330

જામનગર: જીલ્લામાં આગામી તા.૦૬-૦૨-૨૦૧૬ થી તા.૧૦-૦૨-૨૦૧૬ દરમિયાન હવામાન સુકું અને યોખ્ખું રહેશે. પવનની દિશા વાયવ્ય, નૈઋત્ય, ઈશાન અને અગ્નિની રહેવાની અને પવનની ઝડપ ૧૨ થી ૧૭ કીમી/કલાક રહેવાની શક્યતા છે. આ સમયગાળામાં મહતમ તાપમાન દિવસ દરમિયાન ૩૨-૩૩ ડીગ્રી સેલ્શીયસ જેટલું તેમજ લઘુતમ તાપમાન રાત્રી દરમિયાન ૧૨-૧૩ ડીગ્રી સેલ્શીયસ જેટલું રહેવાની સંભાવના છે.

તારીખ	દિવસ-૧	દિવસ-૨	દિવસ-૩	દિવસ-૪	દિવસ-૫
પેરામીટર	૦૬-૦૧-૧૬	૦૭-૦૨-૧૬	૦૮-૦૨-૧૬	૦૯-૦૨-૧૬	૧૦-૦૨-૧૬
વરસાદ(મી.મી)	0	0	0	0	0
મહતમ તાપમાન (સે.ગ્રે)	32	32	33	33	32
લઘુતમ તાપમાન (સે.ગ્રે)	13	12	12	13	13
વાદળની સ્થિતિ(ઓકટા)	0	0	0	0	0
મહતમ ભેજ (%) સવાર	71	49	32	39	63
લઘુતમ ભેજ (%) બપોરબાદ	21	29	17	18	21
પવનની ગતિ (કિમી/કલાક)	17	12	17	15	14
પવનની દિશા (ડીગ્રી)	316	207	25	142	324

અમરેલી: જીલ્લામાં આગામી તા.૦૬-૦૨-૨૦૧૬ થી તા.૧૦-૦૨-૨૦૧૬ દરમિયાન હવામાન સુકું અને યોખ્ખું રહેશે. પવનની દિશા વાયવ્ય, ઉતર અને પશ્ચિમની રહેવાની અને પવનની ઝડપ ૧૨ થી ૧૬ કીમી/કલાક રહેવાની શક્યતા છે. આ સમયગાળામાં મહતમ તાપમાન દિવસ દરમિયાન ૩૨-૩૩ ડીગ્રી સેલ્શીયસ જેટલું તેમજ લઘુતમ તાપમાન રાત્રી દરમિયાન ૧૨-૧૩ ડીગ્રી સેલ્શીયસ જેટલું રહેવાની સંભાવના છે.

તારીખ	દિવસ-૧	દિવસ-૨	દિવસ-૩	દિવસ-૪	દિવસ-૫
પેરામીટર	૦૬-૦૧-૧૬	૦૭-૦૨-૧૬	૦૮-૦૨-૧૬	૦૯-૦૨-૧૬	૧૦-૦૨-૧૬
વરસાદ(મી.મી)	0	0	0	0	0
મહતમ તાપમાન (સે.ગ્રે)	32	32	33	33	32
લઘુતમ તાપમાન (સે.ગ્રે)	13	12	12	13	13
વાદળની સ્થિતિ(ઓકટા)	0	0	0	0	0
મહતમ ભેજ (%) સવાર	52	57	39	35	46
લઘુતમ ભેજ (%) બપોરબાદ	17	29	17	17	19
પવનની ગતિ (કિમી/કલાક)	15	12	16	15	13
પવનની દિશા (ડીગ્રી)	316	300	20	181	285

સુરેન્દ્રનગર: જીલ્લામાં આગામી તા.૦૬-૦૨-૨૦૧૬ થી તા.૧૦-૦૨-૨૦૧૬ દરમિયાન હવામાન સુકું અને યોખ્ખું રહેશે. પવનની દિશા વાયવ્ય, ઉતર અને દક્ષિણની રહેવાની અને પવનની ઝડપ ૧૦ થી ૧૩ કીમી/કલાક રહેવાની શક્યતા છે. આ સમયગાળામાં મહતમ તાપમાન દિવસ દરમિયાન ૨૯-૩૦ ડીગ્રી સેલ્શીયસ






જેટલું તેમજ લઘુત્તમ તાપમાન રાત્રી દરમ્યાન ૧૧-૧૨ ડીગ્રી સેલ્શીયસ જેટલું રહેવાની સંભાવના છે.




તારીખ	દિવસ-૧	દિવસ-૨	દિવસ-૩	દિવસ-૪	દિવસ-૫
પેરામીટર	૦૬-૦૧-૧૬	૦૭-૦૨-૧૬	૦૮-૦૨-૧૬	૦૯-૦૨-૧૬	૧૦-૦૨-૧૬
વરસાદ(મી.મી)	૦	૦	૦	૦	૦
મહત્તમ તાપમાન (સે.ગ્રે)	૨૯	૨૯	૩૦	૩૦	૩૦
લઘુત્તમ તાપમાન (સે.ગ્રે)	૧૨	૧૧	૧૧	૧૨	૧૨
વાદળની સ્થિતિ(ઓકટા)	૦	૦	૦	૦	૦
મહત્તમ ભેજ (%) સવાર	૪૭	૪૪	૨૭	૩૫	૪૫
લઘુત્તમ ભેજ (%) બપોરબાદ	૧૧	૨૦	૧૦	૧૧	૧૨
પવનની ગતિ (કિમી/કલાક)	૧૩	૧૦	૧૩	૧૨	૧૨
પવનની દિશા (ડીગ્રી)	૩૦૯	૨૭૩	૩૩	૧૦૫	૩૨૦



- ફેબ્રુઆરી ૧૦ સુધી સુકું અને અને ચોખ્ખું રહેશે. પવનની દિશા વાયવ્ય, ઈશાન4 ઉતર અને પૂર્વની રહેશે. તેમજ મહત્તમ અને લઘુત્તમ તાપમાન અનુક્રમે ૩૦-૩૨ અને ૧૨-૧૩ ડીગ્રી સે. રહેશે.

મુખ્ય પાક	પાક અવસ્થા	રોગ/જીવાત/જાત	કૃષિ સલાહ (૧૦ લીટર પાણીમાં મિશ્ર કરી ભલામણ કરેલ દવા છાંટવી)
pGF/ DUO/ L	JFJ[TZ	8LV[HLvZ\$4 HLHLvZ4 8LHLv#*vV[4 8L5LHLv\$!	VF 5BJF0LIFDF\ TF5DFG ZZvZ5° ;[P YFI V[8,[° pGF/] DUO/LG]\ JFJ[TZ SZL N[J]P JFJ[TZ ;DI[DUO/LGF ALIFG[!PZ5 U]FD 8[a]SMGFhM, NJFGM ! ISPU FP NF6F 5]DF6[58 VF5JMP ;L\U, ;]5Z OM:O[8 #!Z ISPUF P4 V[DMGLID ;<O[8 !Z5 ISPUF P VG[VZ\0LGM BM/ Z5_ ISPUF PqC[S8Z VYJF 0LPV[P5L !_(ISPUF P VG[HL%;D Z5_ISPUF PqC[S8Z VG[VZ\0LGM BM/ Z5_ ISPUF PqC[S8Z 5FIFDF\ VF5JMP
pGF/ T,	JFJ[TZ	U]HZFT T,vZ U]HZFT T,v#	VF 5BJF0LIFDF\ TF5DFG Z(v#_° ;[P YFI V[8,[° pGF/] T,G]\ JFJ[TZ SZL N[J]P ALIFZ6G[Zv# U]FDqSL<,M D]HA YFIZDvSFAM"S;LG4 D[gSMh[A VYJF SFA["g0FhLDGM 58 VF5JM v5FIFDF\ ;L\U, ;]5Z OM:O[8 Z5 ISPUF Pq IJ3[VG[I]IZIF (VF5J]\P VYJF v 0LPVP[5L) ISPUF P VG[HL%;D (ISPUF Pq IJ3[VG[I]IZIF (ISPUF Pq IJ3[VF5J]\P T[DH T,GF 5FSDF\ ;ZSFZL U [0v5 JF/] ;]1DTtJMG]\ IDz6 #PZ ISPUF Pq IJ3[VG[VZ\0LGM BM/ (ISPUF Pq IJ3[HDLGDF\ VF5JMP
8D[8F	O[Z ZM56L	5];F CF.A L04 5];F AL4H}GFU- ~AL4U]HZFT 8D[8Fv!	JFJ[TZ V\TZ &_v)_ x \$5v&_ ;[PDLP ZFBJ] TYF IJZLIF !&# 4 ;L\U, ;]5Z OM:O[8 &Z5

			ISPUF P4 VG[dI]Z[8 VMO 5M8FX !&* ISPUF PqC[S8Z 5FIFDF\ VF5JMP
ZL\U6	O[Z ZM56L	H}GFU- ,\AUM/4 ZL\U6 H}GFU- ,F\AF4 U]HZFT ZL\U6vZ	JFJ[TZ V\TZ)_ x &_ ;[PDLP ZFBJ] TYF I]ZLIF !_(4 ;L\U, ;]5Z OM:O[8 #!Z ISPUF P4 VG[dI]Z[8 VMO 5M8FX (# ISPUF PqC[S8Z 5FIFDF\ VF5JMP
EL\0F	JFJ[TZ	U]HZFT CF.AL 0 EL\0Fv!4 U]HZFT EL\0FvZ	JFJ[TZ V\TZ &_ x \$5 ;[PDLP ZFBJ] TYF I]ZLIF !_(4 ;L\U, ;]5Z OM:O[8 #!Z ISPUF P4 VG[dI]Z[8 VMO 5M8FX (# ISPUF PqC[S8Z 5FIFDF\ VF5JMP
T]ZLIF	JFJ[TZ	5];F G;NFZ4 HI5]ZL	JFJ[TZ V\TZ !P5 x _P5 DL8Z ZFBJ] TYF I]ZLIF Z* 4 ;L\U, ;]5Z OM:O[8 *(ISPUF P4 VG[dI]Z[8 VMO 5M8FX Z!ISPUF PqC[S8Z 5FIFDF\ VF5JMP
N}WL	JFJ[TZ	5];F ;DZ 5 M,LOLS ,M\U4 H}GFU- 8[g0Z ,M\U	JFJ[TZ V\TZ Z x _P5 DL8Z ZFBJ] TYF I]ZLIF !_(4 ;L\U, ;]5Z OM:O[8 #!Z ISPUF P4 VG[dI]Z[8 VMO 5M8FX (# ISPUF PqC[S8Z 5FIFDF\ VF5JMP
U,SF\	JFJ[TZ	5];F RLSGL	JFJ[TZ V\TZ !P5 x _P5 DL8Z ZFBJ] TYF I]ZLIF Z* 4 ;L\U, ;]5Z OM:O[8 *(ISPUF P4 VG[dI]Z[8 VMO 5M8FX Z!ISPUF PqC[S8Z 5FIFDF\ VF5JMP
SFZ\F\	JFJ[TZ	15 IE, 5];F NM DM;DL	JFJ[TZ V\TZ ! x ! DL8Z ZFBJ] TYF I]ZLIF &5 4 ;L\U, ;]5Z OM:O[8 #*5 ISPUF P4 VG[dI]Z[8 VMO 5M8FX !__ ISPUF PqC[S8Z 5FIFDF\ VF5JMP
U]JFZ	JFJ[TZ	5];F ;NFACFZ4 5];F GJACFZ4 VF.;Lv!!#((JFJ[TZ V\TZ &_ x #_ ;[PDLP ZFBJ] TYF I]ZLIF 55 4 ;L\U, ;]5Z OM:O[8 Z#5 ISPUF P4 VG[dI]Z[8 VMO 5M8FX &# ISPUF PqC[S8Z 5FIFDF\ VF5JMP
SFSOL	JFJ[TZ	HF5FGLh ,F\AL ,L,L4 :8=[.8v(4 5];F ;\IMU	JFJ[TZ V\TZ ! x ! DL8Z ZFBJ] TYF I]ZLIF 55 4 ;L\U, ;]5Z OM:O[8 !5& ISPUF P4 VG[dI]Z[8 VMO 5M8FX \$Z ISPUF PqC[S8Z 5FIFDF\ VF5JMP
TZA]R	JFJ[TZ	;]UZ A[AL4 VZSF HIMTL	JFJ[TZ V\TZ Z x ! DL8Z ZFBJ] TYF I]ZLIF !_(4 ;L\U, ;]5Z OM:O[8 #!Z ISPUF P4 VG[dI]Z[8 VMO 5M8FX (# ISPUF PqC[S8Z 5FIFDF\ VF5JMP
લસણ /ડુંગળી	વૃદ્ધિ	શ્રીપ્સ, પાનની ટોચનો સુકારો	શ્રીપ્સના નિયંત્રણ માટે લીંબોળીનું તેલ ૫૦મિલિ અથવા લીંબોળીના મીંજનું ૫ ટકા અર્કનું દ્રાવણ ૫૦૦ મીલી અને એમીદાક્લોપ્રીદ ૩૦.૫ ટકા ૪ મિલી અથવા પ્રોફેનોફેસ ૩૦ મિલી અથવા લેમ્બડા સાયહેલોથ્રીન ૧૫ મિલી દવાને ૧૦ લીટર પાણીમાં મિશ્ર કરીને છંટકાવ કરવો.

		 <p>પાનની ટોચનો સુકારો અને જાંબલી ધાબાનો રોગ</p> 	<p>લસણ/ડુંગળીના પાકમાં પાનની ટોચનો સુકારો અને જાંબલી ધાબાનો રોગના નિયંત્રણ માટે ડાયથેન એમ ૪૫, ૨૭ ગ્રામ અથવા થયોફેનેટ મિથાયલ ૧૨ ગ્રામ અને હેક્ઝાકોનાઝોલ ૧૫ મિલી દવા વારાફરતી ૧૦ લીટર પાણીમાં મિશ્ર કરીને ૧૫ દિવસના અન્તરે છંટકાવ કરવો. પિયત નિયંત્રિત આપવું.</p> 
ચણા	પોપટામાં દાના ભરાવા	લીલી અને લશ્કરી ઈયળ	ચણાના પાકમાં લીલી અને લશ્કરી ઈયળના નિયંત્રણ માટે પક્ષીઓને બેસવા માટે 'T' આકારના બેલાખડા મુકવા. જો વધુ ઉપદ્રવ જણાય તો કવીનાલફોસ ૨૦ મિલી દવા ૧૦ લીટર પાણીમાં મિશ્ર કરીને છંટકાવ કરવો.
ઘઉં	દાણા ભરાવા	-	ફૂલ અને દાણા ભરાવાની અવસ્થાએ પાણીની ખેંચ પડવા દેવી નહિ અને સમયસર પિયત આપવું.
જીરું	દાણા બંધાવા	શ્રીપ્સ	શ્રીપ્સના નિયંત્રણ માટે લીબોળીનું તેલ ૫૦મિલિ અથવા લીબોળીના મીજનું ૫ ટકા અર્કનું દ્રાવણ ૫૦૦ મીલી અને થાયોમીથોક્ઝામ ૫ ગ્રામ ૧૦ લીટર પાણીમાં કરીને છંટકાવ કરવો.
		ચરમી અને રાખોડી	<p>તેમજ ચરમીનો ઉપદ્રવ ન થાય તે માટે ડાયથેન એમ ૪૫, ૨૭ ગ્રામ અને હેક્ઝાકોનાઝોલ ૧૫ મિલી દવા વારાફરતી ૧૦ લીટર પાણીમાં મિશ્ર કરીને ૧૫ દિવસના અન્તરે છંટકાવ કરવો.</p>  

		<p>સુકારો</p> 	<p>ઉભા પાકમાં સુકારાના નિયંત્રણ માટે પિયત આપવાનું બંધ કરવું.</p>
ધાણા	દાણા બંધાવા	થ્રીપ્સ અને સફેદ માખી	થ્રીપ્સ અને સફેદ માખીના નિયંત્રણ માટે લીંબોળીનું તેલ ૫૦મિલિ અથવા લીંબોળીના મીંજનું ૫ ટકા અર્કનું દ્રાવણ ૫૦૦ મીલી અને થાયોમીથોક્ઝામ ૫ ગ્રામ ૧૦ લીટર પાણીમાં કરીને છંટકાવ કરવો.
રીંગણી અને ટમેટી	ફુલ/ફળ	<p>સફેદ માખી</p> <p>ડુંખ અને ફળ કોરી ખાનાર ઈયળ →</p> <p>કથીરી →</p>	<ul style="list-style-type: none"> ➤ લીંબોળીનું તેલ ૫૦મિલિ અથવા લીંબોળીના મીંજનું ૫ ટકા અર્કનું દ્રાવણ ૫૦૦ મીલી ૧૦ લી. પાણીમાં મિશ્ર કરી છંટકાવ કરવો. જો વધુ ઉપદ્રવ હોય તો એસીટેમાપ્રીડ ૨૦ ટકા ૫ ગ્રામ/૧૦ લીટર પાણીમાં મિશ્ર કરી છંટકાવ કરવો. ➤ ફળ અને ડોકાની ઈયળોનો ઉપદ્રવ હોય તો નુકશાન પામેલ ફળ અને ડોકા તોડીને જમીનમાં દાંટી દેવા અને રીનાક્ષીપાયર દવા ૩ મિલી ૧૦ લીટર પાણીમાં મિશ્ર કરીને છંટકાવ કરવો. ➤ રીંગણી અને ટમેટીના પાકમાં પાન કથીરીના નિયંત્રણ માટે પ્રોપરગાઈટ દવા ૧૦ મિલી/૧૦ લીટર પાણીમાં મિશ્ર કરીને છંટકાવ કરવો.
કોબી અને ફલાવર	વૃદ્ધિ/દડા	હિરાફૂદ	કોબી અને ફલાવરમાં હિરાફૂદાણા નિયંત્રણ માટે સ્પીનોસાઈ ૩ મિલી/૧૦ લીટર પાણીમાં મિશ્ર કરી છંટકાવ કરવો
મરચી	ફુલ/ફળ	<p>પાનની કુક્ડ-થ્રીપ્સ →</p>  <p>કાલવણ →</p> 	<p>પ્રોફેનોફોસ ૨૦ મી.લી.અને લીંબોળીનું તેલ ૫૦ મીલી અથવા લીંબોળીના મીંજનું ૫ ટકા અર્કનું દ્રાવણ ૫૦૦ મીલી ૧૦ લી.પાણીમાં મિશ્ર કરી છંટકાવ કરવો.</p> <p>કાલવણ રોગના નિયંત્રણ માટે મેન્કોઝેબ ૨૭ ગ્રામ અથવા ક્લોરોથેલોનીલ ૨૭ ગ્રામ અથવા ફોએટાઈલ ૨૦ ગ્રામના ૧૫ દિવસના અંતરે ત્રણ છંટકાવ કરવા.</p>

આંબો	ફૂલ	મધીયો અને મગીયાની ઈયળ ભુકીછારો/રાખોડી	આંબામાં મધીયો અને મગીયાની ઈયળના નિયંત્રણ માટે ઈમીડાક્લોપ્રીડ ૫ મિલી ૧૦ લી.પાણીમાં મિશ્ર કરી છંટકાવ કરવો.  આંબામાં ભુકીછારો/રાખોડીના નિયંત્રણ માટે હેક્ઝાકોનાઝોલ ૧૫ મિલી ૧૦ લી.પાણીમાં મિશ્ર કરી છંટકાવ કરવો. 
પશુ/મરઘા	 <p>દુધાળા પશુઓના આઉને ઝીંક ઓક્સાઈડ અથવા બોરિક પવડરથી બરાબર સાફ કરવું. પશુઓમાં ખરવા મોવાસાના રોગના નિયંત્રણ માટે રસીકરણ કરાવવું. ઈતરડીના નિયંત્રણ માટે ડેલ્ટામેથીન અથવા એમીટ્રાઝ ૨ મી.લી. ૧ લીટર પાણીમાં નાખીને છાંટવી. વિટામીન એ તથા ડી પુરકો આપવા. કરમિયાની દવા આપવી તથા ઉછરતા પશુઓમાં બુસેલ્લા કાફુંડનું રસીકરણ કરાવવું. મરઘાઓને રાનીખેત/ન્યુકેસ્ટાલ રોગ સામેની રસીનું રસીકરણ કરવું.</p>		

જા.નં.જુકૃયુ/સંવૈ(સુખે)/એગ્રોમેટ/બુલેટીન/ /૨૦૧૫, તરઘડિયા(રાજકોટ),તારીખ: ૦૫/૦૨/૨૦૧૬.

	<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>	
---	---	---

Agro met Advisory Service bulletin No.-90 for the Rajkot district

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

(Period 6th to 10th February- 2016)

Significant past weather for the preceding week of Rajkot

Rainfall (mm)	0.0
---------------	-----

Maximum temperature (°C)	28.9-30.0
Minimum temperature (°C)	10.5-13.0
Relative Humidity (%) I	54-65
Relative Humidity (%) II	34-42
Wind speed (Kmph)	5.5-5.9



Weather forecast until 08-30 hrs of 10/02/2016







(1) RAJKOT DISTRICT:






	06/02/16	07/02/16	08/02/16	09/02/16	10/02/16
Rainfall (mm)	0	0	0	0	0
Max.Temp.(°C)	32	32	33	33	32
Min.Temp.(°C)	13	12	12	13	13
Total CC (octa)	0	0	0	0	0
RH-I (%)	62	54	36	36	52
RH-II (%)	14	26	13	14	16
Wind Speed (kmph)	15	10	15	14	14
Wind Direction(deg.)	317	280	26	109	330

Agro meteorological Advisories:

General Advice	<ul style="list-style-type: none"> • Rain fall: Dry and clear weather forecasted for next five days. • Temperature: Maximum and minimum temperature likely to be in range of 30-32°C and 12-13°C, respectively. • Relative Humidity: The RH is likely to be in the range of 13-62 % • Wind Direction and Speed: Direction and speed of wind is likely to be NW, NE,E and 10-15 km/h, respectively. 		
Crops	Stage	Insect/Pest/Variety	Advisory
Summer Groundnut	Sowing	TAG-24,TG-37-A, TPG-41,GG-2, GJG-3	Carry out sowing of summer groundnut as temperature increases to 22-25° C and give seed treatment of Tebuconazole 1.25 gm/1 kg seed. Apply Single Super Phosphate 312 kg, Ammonium sulphate 125 kg and Castor cake 250 kg/ha OR DAP 108 kg, Gypsum 250 kg and castor cake 250 kg/ha as basal.
Summer Sesame	Preparation for sowing	G.Til-2, G.Til-3	Procure good quality seeds of sesame and carry out sowing of summer SESAME as minimum and maximum temperature rises to 19 °C and 30°C, respectively and give seed treatment of vitavax (Carboxin 37.5% + Thiram 37.5%) or mencozeb or carbendazim 2-3 gm/1 kg seed. Apply Single Super Phosphate 156 kg and 55 kg urea/ha, OR DAP 54 kg and 33 kg urea/ha as basal.
Brinjal	Transplan-ting	Junagadh oblong, Junagadh long, Guj. Bringle-2	Keep planting distance 90 X 60 cm ² and apply urea 108, single super phosphate 312 and murret of potash 83 kg/ha at sowing time.

Lady finger	Sowing	Guj. Hy.-1 & 2	Keep planting distance 60 X 45 cm ² and apply urea 108, single super phosphate 312 and murret of potash 83 kg/ha at sowing time.
Ridge gourd	Sowing	Pusa nasdar, Jaipuri,	Keep planting distance 1.5 X 0.5 m ² and apply urea 27, single super phosphate 78 and murret of potash 21 kg/ha at sowing time.
Bottle gourd	Sowing	Junagadh tender long, Pusa summer prolific long	Keep planting distance 2 X 0.5 m ² and apply urea 108, single super phosphate 312 and murret of potash 83 kg/ha at sowing time.
Sponge guard	Sowing	Pusa chikni	Keep planting distance 1.5 X 0.5 m ² and apply urea 27, single super phosphate 78 and murret of potash 21 kg/ha at sowing time.
Bitter guard	Sowing	Priya, Pusa domosmi	Keep planting distance 1.0 X 1.0 m ² and apply urea 65, single super phosphate 375 and murret of potash 100 kg/ha at sowing time.
Cluster bean	Sowing	Pusa sadabahar, Pusa navbahar, IC-11388	Keep planting distance 60 X 30 cm ² and apply urea 55, single super phosphate 235 and murret of potash 63kg/ha at sowing time.
Water melon	Sowing	Sugar baby, Arka jyoti	Keep planting distance 2.0 X 1.0 m ² and apply urea 108, single super phosphate 312 and murret of potash 83 kg/ha at sowing time.
Garlic	Girthing	<p>Thrips</p>  <p>Alternaria blight/Purple Blotch</p> 	<p>In present weather conditions attack of thrips has been reported. Make alternative sprays of imidacloprid 30.5 SC 3 ml and profenofos 20 ml in 10 liters of water at 10 days interval.</p> <p>The disease infestation observed in standing crop. Increase periods between irrigations means do not over irrigate the crop. Make two spray of 27 gm Mencozeb or thiophanae methyl 12 gm/10 liters of water at 10 days interval.</p>
Chick pea	Pod Development	Heliothis, prodenia	“T” shaped bird perches in and around crop field to be installed for controlling insect population. If infestation is cross ETL spray 20 ml Quinalphos in 10 litres of water.
Wheat	Grain filling	-	Apply irrigation at critical stages without stress.

<p>Cumin</p>	<p>Grain formation/ development</p>	<p>Aphid and thrips</p> <p>Blight and Powery mildew</p>  <p>Wilt</p> 	<p>Under present weather condition attack of thrips and aphids has been reported spray Acetamiprid 5 gm/10 liters of water.</p> <p>Under present weather (fog) condition spray Hexaconazole 15 ml/10 liters of water to prevent blight and powdery mildew infestation.</p>  <p>Stop irrigation to prevent further infection in standing crop.</p> 
<p>Coriander</p>	<p>Grain development</p>	<p>Thrips, Powery mildew</p>	<p>To control sucking pest spray neem seed extract 5 % or neem seed oil 50 ml and 15 gm Acapahte in 10 liters of water.</p> <p>Under present weather condition spray Hexaconazole 15 ml/10 liters of water to prevent powdery mildew infestation.</p>
<p>Onion</p>	<p>Growth</p>	<p>Thrips</p> <p>Purple blotch →</p> 	<p>In present weather conditions attack of thrips has been reported. Make alternative sprays of imidaciprid 30.5 SC 3 ml and profenofos 20 ml in 10 liters of water at 10 days interval.</p> <p>Spray Mencozeb 25 gm and hexaconazole 15 ml in 10 liters of water at 10 days interval.</p>
<p>Brinjal & Tomato</p>	<p>Flowering/ fruiting</p>	<p>Sucking pest → & Fruit borer</p> 	<p>To control sucking pest spray neem seed extract 5 % or neem seed oil 50 ml and To control them spray acetamiprid 20 % SP@ 5.0 gm / 10 lit of water.</p> <p>In brinjal and tomato constant monitoring of borers by using pheromone traps 4-6 per acre is advised, If insect population is above ETL than</p>

			spraying of Spinosad 3.0 ml/10 litre of water is advised against fruit borer.
Cabbage and cauliflower	Growth & fruiting	Diamond back moth	If insect population is above ETL than spraying of Spinosad 3.0 ml/10 litre of water is advised against diamond back moth in cauliflower and cabbage.
Chili	Flowering & fruiting	Thrips, →  Wilting → Anthracnose → 	In present weather conditions severe attack of thrips has been reported. Spray 3 ml spinosad in 10 litres of water. Drenching of Trichoderma viridi 4 gm in 1 liter of water. Spray Mencozeb 27 gm in 10 liters of water
Mango	Flowering	Blossom midge and Leaf hopper →  Powdery Mildew → 	To prevent damage spray imidacloprid 5 ml/10 litres of water. Spray 15 ml Hexaconzole in 10 liters of water.
Livestock & poultry 	Udder of milking animals must be properly clean with zinc oxide or boric powder. Spray Deltamethrin or Amitraz 2 ml/litre of water for the control of tick and for prevention of foot & mouth disease in animals do vaccination with FMD vaccine. For prevention of New castle disease/Ranikhet disease do vaccination in poultry. The beaks of birds in the poultry under age of 15 Week should be cut. Entry of visitors in poultry should be prevented. Rats in the poultry should be destroyed.		

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



**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**



Agro met Advisory Service bulletin No.-90 for the Jamnagar district

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

(Period 6th to 10th February - 2016)






Weather forecast until 08-30 hrs of 10/02/2016





(2) JAMNAGAR DISTRICT:





	06/02/16	07/02/16	08/02/16	09/02/16	10/02/16
Rainfall (mm)	0	0	0	0	0
Max.Temp.(°C)	32	32	33	33	32
Min.Temp.(°C)	13	12	12	13	13
Total CC (octa)	0	0	0	0	0
RH-I (%)	71	49	32	39	63
RH-II (%)	21	29	17	18	21
Wind Speed (kmph)	17	12	17	15	14
Wind Direction(deg.)	316	207	25	142	324

Agro meteorological Advisories:-

General Advice	<ul style="list-style-type: none"> • Rain fall: Dry and clear weather forecasted for next five days. • Temperature: Maximum and minimum temperature likely to be in range of 32-33°C and 17-19°C, respectively. • Relative Humidity: The RH is likely to be in the range of 18-71 % • Wind Direction and Speed: Direction and speed of wind is likely to be NW,SW, NE,SE, and 12-17 km/h, respectively. 		
Crops	Stage	Insect/Pest/Variety	Advisory
Summer Groundnut	Sowing	TAG-24,TG-37-A, TPG-41,GG-2, GJG-3	Carry out sowing of summer groundnut as temperature increases to 22-25° C and give seed treatment of Tebuconazole 1.25 gm/1 kg seed. Apply Single Super Phosphate 312 kg, Ammonium sulphate 125 kg and Castor cake 250 kg/ha OR DAP 108 kg, Gypsum 250 kg and castor cake 250 kg/ha as basal.
Summer Sesame	Preparation for sowing	G.Til-2, G.Til-3	Procure good quality seeds of sesame and carry out sowing of summer SESAME as minimum and maximum temperature rises to 19 °C and 30°C,respectively and give seed treatment of vitavax (Carboxin 37.5% + Thiram 37.5%) or mencozeb or carbendazim 2-3 gm/1 kg seed. Apply Single Super Phosphate 156 kg and 55 kg urea/ha, OR DAP 54 kg and 33 kg urea/ha as basal.
Brinjal	Transplan-ting	Junagadh oblong, Junagadh long, Guj. Bringle-2	Keep planting distance 90 X 60 cm ² and apply urea 108, single super phosphate 312 and murret of potash 83 kg/ha at sowing time.
Lady finger	Sowing	Guj. Hy.-1 & 2	Keep planting distance 60 X 45 cm ² and apply urea 108, single super phosphate 312 and murret of potash 83 kg/ha at sowing time.
Ridge gourd	Sowing	Pusa nasdar, Jaipuri,	Keep planting distance 1.5 X 0.5 m ² and apply urea 27, single super phosphate 78 and murret of potash 21 kg/ha at sowing time.
Bottle gourd	Sowing	Junagadh tender long, Pusa summer prolific long	Keep planting distance 2 X 0.5 m ² and apply urea 108, single super phosphate 312 and murret of potash 83 kg/ha at sowing time.
Sponge guard	Sowing	Pusa chikni	Keep planting distance 1.5 X 0.5 m ² and apply urea 27, single super phosphate 78 and murret of potash 21 kg/ha at sowing time.
Bitter guard	Sowing	Priya, Pusa domosmi	Keep planting distance 1.0 X 1.0 m ² and apply urea 65, single super phosphate 375 and murret of potash 100 kg/ha at sowing time.
Cluster bean	Sowing	Pusa sadabahar, Pusa navbahar, IC-11388	Keep planting distance 60 X 30 cm ² and apply urea 55, single super phosphate 235 and murret of potash 63kg/ha at sowing time.

Water melon	Sowing	Sugar baby, Arka jyoti	Keep planting distance 2.0 X 1.0 m ² and apply urea 108, single super phosphate 312 and murret of potash 83 kg/ha at sowing time.
Garlic	Girthing	<p>Thrips</p>  <p>Alternaria blight/Purple Blotch</p> 	<p>In present weather conditions attack of thrips has been reported. Make alternative sprays of imidaciprid 30.5 SC 3 ml and profenofos 20 ml in 10 liters of water at 10 days interval.</p> <p>The disease infestation observed in standing crop. Increase periods between irrigations means do not over irrigate the crop. Make two spray of 27 gm Mencozeb or thiophanae methyl 12 gm/10 liters of water at 10 days interval.</p>
Chick pea	Pod Development	Heliiothis, prodenia	“T” shaped bird perches in and around crop field to be installed for controlling insect population. If infestation is cross ETL spray 20 ml Quinalphos in 10 litres of water.
Wheat	Grain filling	-	Apply irrigation at critical stages without stress.
Cumin	Grain formation/ development	<p>Aphid and thrips</p> <p>Blight and Powery mildew</p>   	<p>Under present weather condition attack of thrips and aphids has been reported spray Acetamiprid 5 gm/10 liters of water.</p> <p>Under present weather (fog) condition spray Hexaconazole 15 ml/10 liters of water to prevent blight and powdery mildew infestation.</p> <p>Stop irrigation to prevent further infection in standing crop.</p>

		<p>Wilt</p> 	
Coriander	Grain development	<p>Thrips, Powery mildew</p>	<p>To control sucking pest spray neem seed extract 5 % or neem seed oil 50 ml and 15 gm Acepahte in 10 liters of water. Under present weather condition spray Hexaconazole 15 ml/10 liters of water to prevent powdery mildew infestation.</p>
Onion	Growth	<p>Thrips</p> <p>Purple blotch →</p> 	<p>In present weather conditions attack of thrips has been reported. Make alternative sprays of imidaciprid 30.5 SC 3 ml and profenofos 20 ml in 10 liters of water at 10 days interval.</p> <p>Spray Mencozeb 25 gm and hexaconazole 15 ml in 10 liters of water at 10 days interval.</p>
Brinjal & Tomato	Flowering/ fruiting	<p>Sucking pest → & Fruit borer</p> 	<p>To control sucking pest spray neem seed extract 5 % or neem seed oil 50 ml and To control them spray acetamiprid 20 % SP@ 5.0 gm / 10 lit of water. In brinjal and tomato constant monitoring of borers by using pheromone traps 4-6 per acre is advised, If insect population is above ETL than spraying of Spinosad 3.0 ml/10 litre of water is advised against fruit borer.</p>
Cabbage and cauliflower	Growth & fruiting	<p>Diamond back moth</p>	<p>If insect population is above ETL than spraying of Spinosad 3.0 ml/10 litre of water is advised against diamond back moth in cauliflower and cabbage.</p>
Chili	Flowering & fruiting	<p>Thrips, →</p>  <p>Wilting →</p> <p>Anthraco nose →</p>	<p>In present weather conditions severe attack of thrips has been reported. Spray 3 ml spinosad in 10 litres of water.</p> <p>Drenching of Trichoderma viridi 4 gm in 1 liter of water.</p> <p>Spray Mencozeb 27 gm in 10 liters of water</p>

			
Mango	Flowering	Blossom midge and Leaf hopper →  Powdery Mildew → 	To prevent damage spray imidacloprid 5 ml/10 litres of water. Spray 15 ml Hexaconzole in 10 liters of water.
Livestock & poultry 	Udder of milking animals must be properly clean with zinc oxide or boric powder. Spray Deltamethrin or Amitraz 2 ml/litre of water for the control of tick and for prevention of foot & mouth disease in animals do vaccination with FMD vaccine. For prevention of New castle disease/Ranikhet disease do vaccination in poultry. The beaks of birds in the poultry under age of 15 Week should be cut. Entry of visitors in poultry should be prevented. Rats in the poultry should be destroyed.		

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>	
---	---	---

Agro met Advisory Service bulletin No.90 for the Amreli district

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

(Period 6th to 10th February - 2016)

Weather forecast until 08-30 hrs of 10/02/2016




(3) AMRELI DISTRICT:






	06/02/16	07/02/16	08/02/16	09/02/16	10/02/16
Rainfall (mm)	0	0	0	0	0
Max.Temp.(°C)	32	32	33	33	32
Min.Temp.(°C)	13	12	12	13	13
Total CC (octa)	0	0	0	0	0
RH-I (%)	52	57	39	35	46





RH-II (%)	17	29	17	17	19
Wind Speed (kmph)	15	12	16	15	13
Wind Direction(deg.)	316	300	20	181	285

Agro meteorological Advisories:

General Advice	<ul style="list-style-type: none"> • Rain fall: Dry and clear weather forecasted for next five days. • Temperature: Maximum and minimum temperature likely to be in range of 32-33 °c and 12-13 °c, respectively. • Relative Humidity: The RH is likely to be in the range of 12-57 % • Wind Direction and Speed: Direction and speed of wind is likely to be NW, N, S,W and 12-17 km/h, respectively. 				
Crops	Stage	Insect/Pest/Variety	Advisory		
Summer Groundnut	Sowing	TAG-24,TG-37-A, TPG-41,GG-2, GJG-3	Carry out sowing of summer groundnut as temperature increases to 22-25° C and give seed treatment of Tebuconazole 1.25 gm/1 kg seed. Apply Single Super Phosphate 312 kg, Ammonium sulphate 125 kg and Castor cake 250 kg/ha OR DAP 108 kg, Gypsum 250 kg and castor cake 250 kg/ha as basal.		
Summer Sesame	Preparation for sowing	G.Til-2, G.Til-3	Procure good quality seeds of sesame and carry out sowing of summer SESAME as minimum and maximum temperature rises to 19 °C and 30°C,respectively and give seed treatment of vitavax (Carboxin 37.5% + Thiram 37.5%) or mencozeb or carbendazim 2-3 gm/1 kg seed. Apply Single Super Phosphate 156 kg and 55 kg urea/ha, OR DAP 54 kg and 33 kg urea/ha as basal.		
Brinjal	Transplan-ting	Junagadh oblong, Junagadh long, Guj. Bringle-2	Keep planting distance 90 X 60 cm ² and apply urea 108, single super phosphate 312 and murret of potash 83 kg/ha at sowing time.		
Lady finger	Sowing	Guj. Hy.-1 & 2	Keep planting distance 60 X 45 cm ² and apply urea 108, single super phosphate 312 and murret of potash 83 kg/ha at sowing time.		
Ridge gourd	Sowing	Pusa nasdar, Jaipuri,	Keep planting distance 1.5 X 0.5 m ² and apply urea 27, single super phosphate 78 and murret of potash 21 kg/ha at sowing time.		
Bottle gourd	Sowing	Junagadh tender long, Pusa summer prolific long	Keep planting distance 2 X 0.5 m ² and apply urea 108, single super phosphate 312 and murret of potash 83 kg/ha at sowing time.		
Sponge guard	Sowing	Pusa chikni	Keep planting distance 1.5 X 0.5 m ² and apply urea 27, single super phosphate 78 and murret of potash 21 kg/ha at sowing time.		
Bitter guard	Sowing	Priya, Pusa domosmi	Keep planting distance 1.0 X 1.0 m ² and apply urea 65, single super phosphate 375 and murret of		

			potash 100 kg/ha at sowing time.
Cluster bean	Sowing	Pusa sadabahar, Pusa navbahar, IC-11388	Keep planting distance 60 X 30 cm ² and apply urea 55, single super phosphate 235 and murret of potash 63kg/ha at sowing time.
Water melon	Sowing	Sugar baby, Arka jyoti	Keep planting distance 2.0 X 1.0 m ² and apply urea 108, single super phosphate 312 and murret of potash 83 kg/ha at sowing time.
Garlic	Girthing	<p>Thrips</p>  <p>Alternaria blight/Purple Blotch</p> 	<p>In present weather conditions attack of thrips has been reported. Make alternative sprays of imidacloprid 30.5 SC 3 ml and profenofos 20 ml in 10 liters of water at 10 days interval.</p> <p>The disease infestation observed in standing crop. Increase periods between irrigations means do not over irrigate the crop.</p> <p>Make two spray of 27 gm Mencozeb or thiophanae methyl 12 gm/10 liters of water at 10 days interval.</p>
Chick pea	Pod Development	Heliothis, prodenia	“T” shaped bird perches in and around crop field to be installed for controlling insect population. If infestation is cross ETL spray 20 ml Quinalphos in 10 litres of water.
Wheat	Grain filling	-	Apply irrigation at critical stages without stress.
Cumin	Grain formation/ development	<p>Aphid and thrips</p> <p>Blight and Powery mildew</p> 	<p>Under present weather condition attack of thrips and aphids has been reported spray Acetamiprid 5 gm/10 liters of water.</p> <p>Under present weather (fog) condition spray Hexaconazole 15 ml/10 liters of water to prevent blight and powdery mildew infestation.</p>

		<p>Wilt</p> 	 <p>Stop irrigation to prevent further infection in standing crop.</p>
Coriander	Grain development	<p>Thrips, Powery mildew</p>	<p>To control sucking pest spray neem seed extract 5 % or neem seed oil 50 ml and 15 gm Acepahte in 10 liters of water. Under present weather condition spray Hexaconazole 15 ml/10 liters of water to prevent powdery mildew infestation.</p>
Onion	Growth	<p>Thrips</p> <p>Purple blotch →</p> 	<p>In present weather conditions attack of thrips has been reported. Make alternative sprays of imidacloprid 30.5 SC 3 ml and profenofos 20 ml in 10 liters of water at 10 days interval.</p> <p>Spray Mencozeb 25 gm and hexaconazole 15 ml in 10 liters of water at 10 days interval.</p>
Brinjal & Tomato	Flowering/ fruiting	<p>Sucking pest → & Fruit borer</p> 	<p>To control sucking pest spray neem seed extract 5 % or neem seed oil 50 ml and To control them spray acetamiprid 20 % SP@ 5.0 gm / 10 lit of water. In brinjal and tomato constant monitoring of borers by using pheromone traps 4-6 per acre is advised, If insect population is above ETL than spraying of Spinosad 3.0 ml/10 litre of water is advised against fruit borer.</p>
Cabbage and cauliflower	Growth & fruiting	<p>Diamond back moth</p>	<p>If insect population is above ETL than spraying of Spinosad 3.0 ml/10 litre of water is advised against diamond back moth in cauliflower and cabbage.</p>
Chili	Flowering & fruiting	<p>Thrips, →</p>  <p>Anthracnose →</p>	<p>In present weather conditions severe attack of thrips has been reported. Spray 3 ml spinosad in 10 litres of water.</p> <p>Spray Mencozeb 27 gm in 10 liters of water</p>

			
Mango	Flowering	Blossom midge and Leaf hopper →  Powdery Mildew → 	To prevent damage spray imidacloprid 5 ml/10 litres of water. Spray 15 ml Hexaconzole in 10 liters of water.
Livestock & poultry 	Udder of milking animals must be properly clean with zinc oxide or boric powder. Spray Deltamethrin or Amitraz 2 ml/litre of water for the control of tick and for prevention of foot & mouth disease in animals do vaccination with FMD vaccine. For prevention of New castle disease/Ranikhet disease do vaccination in poultry. The beaks of birds in the poultry under age of 15 Week should be cut. Entry of visitors in poultry should be prevented. Rats in the poultry should be destroyed.		

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>	
---	---	---

Agro met Advisory Service bulletin No.-90 for the Surendranagar district

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

(Period 6th to 10th February - 2016)

Weather forecast until 08-30 hrs of 10/02/2016




(4) SURENDRANAGAR DISTRICT:







	06/02/16	07/02/16	08/02/16	09/02/16	10/02/16
Rainfall (mm)	0	0	0	0	0
Max.Temp.(°C)	29	29	30	30	30
Min.Temp.(°C)	12	11	11	12	12




Total CC (octa)	0	0	0	0	0
RH-I (%)	47	44	27	35	45
RH-II (%)	11	20	10	11	12
Wind Speed (kmph)	13	10	13	12	12
Wind Direction(deg.)	309	273	33	105	320

Agro meteorological advisories:

General Advice	<ul style="list-style-type: none"> • Rain fall: Dry and clear weather forecasted for next five days. • Temperature: Maximum and minimum temperature likely to be in range 29-30 and 11-12°C, respectively. • Relative Humidity: The RH is likely to be in the range of 10-47 % • Wind Direction and Speed: Direction and speed of wind is likely to be NE, W, NE,E and 10-13 km/h, respectively. 				
Crops	Stage	Insect/Pest/Variety	Advisory		
Summer Groundnut	Sowing	TAG-24,TG-37-A, TPG-41,GG-2, GJG-3	Carry out sowing of summer groundnut as temperature increases to 22-25° C and give seed treatment of Tebuconazole 1.25 gm/1 kg seed. Apply Single Super Phosphate 312 kg, Ammonium sulphate 125 kg and Castor cake 250 kg/ha OR DAP 108 kg, Gypsum 250 kg and castor cake 250 kg/ha as basal.		
Summer Sesame	Preparation for sowing	G.Til-2, G.Til-3	Procure good quality seeds of sesame and carry out sowing of summer SESAME as minimum and maximum temperature rises to 19 °C and 30°C,respectively and give seed treatment of vitavax (Carboxin 37.5% + Thiram 37.5%) or mencozeb or carbendazim 2-3 gm/1 kg seed. Apply Single Super Phosphate 156 kg and 55 kg urea/ha, OR DAP 54 kg and 33 kg urea/ha as basal.		
Brinjal	Transplan-ting	Junagadh oblong, Junagadh long, Guj. Bringle-2	Keep planting distance 90 X 60 cm ² and apply urea 108, single super phosphate 312 and murret of potash 83 kg/ha at sowing time.		
Lady finger	Sowing	Guj. Hy.-1 & 2	Keep planting distance 60 X 45 cm ² and apply urea 108, single super phosphate 312 and murret of potash 83 kg/ha at sowing time.		
Ridge gourd	Sowing	Pusa nasdar, Jaipuri,	Keep planting distance 1.5 X 0.5 m ² and apply urea 27, single super phosphate 78 and murret of potash 21 kg/ha at sowing time.		
Bottle gourd	Sowing	Junagadh tender long, Pusa summer prolific long	Keep planting distance 2 X 0.5 m ² and apply urea 108, single super phosphate 312 and murret of potash 83 kg/ha at sowing time.		
Sponge guard	Sowing	Pusa chikni	Keep planting distance 1.5 X 0.5 m ² and apply urea 27, single super phosphate 78 and murret of potash 21 kg/ha at sowing time.		

Bitter guard	Sowing	Priya, Pusa domosmi	Keep planting distance 1.0 X 1.0 m ² and apply urea 65, single super phosphate 375 and murret of potash 100 kg/ha at sowing time.
Cluster bean	Sowing	Pusa sadabahar, Pusa navbahar, IC-11388	Keep planting distance 60 X 30 cm ² and apply urea 55, single super phosphate 235 and murret of potash 63kg/ha at sowing time.
Water melon	Sowing	Sugar baby, Arka jyoti	Keep planting distance 2.0 X 1.0 m ² and apply urea 108, single super phosphate 312 and murret of potash 83 kg/ha at sowing time.
Garlic	Girthing	<p>Thrips</p>  <p>Alternaria blight/Purple Blotch</p> 	<p>In present weather conditions attack of thrips has been reported. Make alternative sprays of imidaciprid 30.5 SC 3 ml and profenofos 20 ml in 10 liters of water at 10 days interval.</p> <p>The disease infestation observed in standing crop. Increase periods between irrigations means do not over irrigate the crop. Make two spray of 27 gm Mencozeb or thiophanae methyl 12 gm/10 liters of water at 10 days interval.</p>
Chick pea	Pod Development	Heliiothis, prodenia	“T” shaped bird perches in and around crop field to be installed for controlling insect population. If infestation is cross ETL spray 20 ml Quinalphos in 10 litres of water.
Wheat	Grain filling	-	Apply irrigation at critical stages without stress.
Cumin	Grain formation/ development	<p>Aphid and thrips</p> <p>Blight and Powery mildew</p> 	<p>Under present weather condition attack of thrips and aphids has been reported spray Acetamiprid 5 gm/10 liters of water.</p> <p>Under present weather (fog) condition spray Hexaconazole 15 ml/10 liters of water to prevent blight and powdery mildew infestation.</p>

		<p>Wilt</p> 	<p>to  </p> <p>Stop irrigation prevent further infection in standing crop.</p>
Coriander	Grain development	<p>Thrips, Powery mildew</p>	<p>To control sucking pest spray neem seed extract 5 % or neem seed oil 50 ml and 15 gm Acepahte in 10 liters of water. Under present weather condition spray Hexaconazole 15 ml/10 liters of water to prevent powdery mildew infestation.</p>
Onion	Growth	<p>Thrips</p> <p>Purple blotch → </p>	<p>In present weather conditions attack of thrips has been reported. Make alternative sprays of imidacliprid 30.5 SC 3 ml and profenofos 20 ml in 10 liters of water at 10 days interval.</p> <p>Spray Mencozeb 25 gm and hexaconazole 15 ml in 10 liters of water at 10 days interval.</p>
Brinjal & Tomato	Flowering/ fruiting	<p>Sucking pest → & Fruit borer</p> 	<p>To control sucking pest spray neem seed extract 5 % or neem seed oil 50 ml and To control them spray acetamiprid 20 % SP@ 5.0 gm / 10 lit of water. In brinjal and tomato constant monitoring of borers by using pheromone traps 4-6 per acre is advised, If insect population is above ETL than spraying of Spinosad 3.0 ml/10 litre of water is advised against fruit borer.</p>
Cabbage and cauliflower	Growth & fruiting	<p>Diamond back moth</p>	<p>If insect population is above ETL than spraying of Spinosad 3.0 ml/10 litre of water is advised against diamond back moth in cauliflower and cabbage.</p>
Chili	Flowering & fruiting	<p>Thrips, → </p> <p>Anthracnose →</p>	<p>In present weather conditions severe attack of thrips has been reported. Spray 3 ml spinosad in 10 litres of water.</p> <p>Spray Mencozeb 27 gm in 10 liters of water</p>

			
Mango	Flowering	<p>Blossom midge and Leaf hopper</p> <p>→</p>  <p>Powdery Mildew→</p> 	<p>To prevent damage spray imidacloprid 5 ml/10 litres of water.</p> <p>Spray 15 ml Hexaconzole in 10 liters of water.</p>
Livestock & poultry	<p>Udder of milking animals must be properly clean with zinc oxide or boric powder. Spray Deltamethrin or Amitraz 2 ml/litre of water for the control of tick and for prevention of foot & mouth disease in animals do vaccination with FMD vaccine. For prevention of New castle disease/Ranikhet disease do vaccination in poultry. The beaks of birds in the poultry under age of 15 Week should be cut. Entry of visitors in poultry should be prevented. Rats in the poultry should be destroyed.</p>		



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