હવામાન આંગાહી આધારીત કૃષિ સલાહ બુલેટીન દક્ષિણ સારાષ્ટ્ર ખેત આબોહવાકીય વિભાગ તા. ૦૪-૦૯-૨૦૧૯ થી તા. ૦૮-૦૯-૨૦૧૯

(ગ્રામીશ કૃષિ માસમ સેવા, જુનાગઢ કૃષિ યુનિવર્સીટી, જુ.કૃ.યુ.)

હવામાન આગાહી આધારીત બુલેટીન : ૨૦૧૯-૨૦

હવામાન પરીબળો	દક્ષિણ સાૈરાષ્ટ્ર કૃષિ આબોહવાકિય વિસ્તાર
વરસાદ (મીમી)	030.8
મહતમ તાપમાન (ºસે.)	३२.७
લઘુતમ તાપમાન (⁰સે.)	રપ.૩
ભેજ(%)(સવાર/બપોરબાદ)	65 - 66
પવનની ગતિ (કિમી/કલાક)	૦૬.૫

પાછલા અઠવાડીયાનું જુનાગઢનું હવામાન

પત્રક–બ : જીલ્લાવાર હવામાન આગાહી (તા.૦૮–૦૯–૨૦૧૯ સુધી)

ભારત સરકારશ્રીના ફવામાન વિભાગ તરફ્થી મળેલ ફવામાન આગાફીની માફીતી અનુસાર અત્રેના ગ્રામીણ કૃષિ મૌસમ સેવા યોજના, જૂનાગઢ કૃષિ યુનિવર્સીટી, જૂનાગઢ તરફથી જણાવવામા આવે છે કે દક્ષિણ સૌરાષ્ટ્ર ખેત આબોફવાકીય વિસ્તારના ૧.જૂનાગઢ:- જીલ્લામા આગામી તારીખ ૦૪/૦૯/૨૦૧૯ થી ૦૮/૦૯/૨૦૧૯ દરમ્યાન આકાશ મુખ્યત્વે આગામી પાંચ દિવસોમાં મોટેભાગે વાદળછાયું થી વાદળછાયું રફેશે, આગામી પાંચ દિવસોમાં છુટા છવાયા સ્થળો પર ફળવા થી મધ્યમ વરસાદ અને ૭ સપ્ટેમ્બર ભારે વરસાદ ની શક્યતાઓ રફેલી છે. પવનની ઝડપ ૧૩ થી ૧૯ કીમી/કલાક રફેવાની શક્યતા રફેશે. આ સમયગાળામાં મફતમ તાપમાન ૩૧ થી ૩૨ ડીગ્રી સેન્ટીગ્રેડ રફેશે તેમજ લઘુતમ તાપમાન ૨૬ ડીગ્રી સેન્ટીગ્રેડ રફેવાની સંભાવના છે.

૨.પોરબંદર:- જીલ્લામાં આગામી તારીખ ૦૪/૦૯/૨૦૧૯ થી ૦૮/૦૯/૨૦૧૯ દરમ્યાન આકાશ મુખ્યત્વે આગામી પાંચ દિવસોમાં મોટેભાગે વાદળછાયું થી વાદળછાયું રહેશે, આગામી પાંચ દિવસોમાં છુટા છવાયા સ્થળો પર હળવા થી મધ્યમ વરસાદ ની શક્યતાઓ રહેલી છે.પવનની ઝડપ ૧૭ થી ૨૨ કીમી/કલાક રહેવાની શક્યતા રહેશે. આ સમયગાળામાં મહતમ તાપમાન ૩૦ થી ૩૨ ડીગ્રી સેન્ટીગ્રેડ રહેશે તેમજ લઘુતમ તાપમાન ૨૬ થી ૨૭ ડીગ્રી સેન્ટીગ્રેડ રહેવાની સંભાવના છે.

ર.ગીર સોમનાથ:- જીલ્લામા આગામી તારીખ ૦૪/૦૯/૨૦૧૯ થી ૦૮/૦૯/૨૦૧૯ દરમ્યાન આકાશ મુખ્યત્વે આગામી પાંચ દિવસોમાં મોટેભાગે વાદળછાયું થી વાદળછાયું રહેશે, આગામી પાંચ દિવસોમાં છુટા છવાચા સ્થળો પર ઢળવા થી મધ્યમ વરસાદ અને ૭ સપ્ટેમ્બર ભારે વરસાદ ની શક્યતાઓ રહેલી છે. પવનની ઝડપ ૧૮ થી ૨૩ કીમી/કલાક રહેવાની શક્યતા રહેશે. આ સમયગાળામાં મહતમ તાપમાન ૩૦ થી ૩૧ ડીગ્રી સેન્ટીગ્રેડ રહેશે તેમજ લઘુતમ તાપમાન ૨૬ થી ૨૭ ડીગ્રી સેન્ટીગ્રેડ રહેવાની સંભાવના છે.

જુનાગઢ						
હવામાન પરીબળો /	દિવસ– ૧	દિવસ– ર	દિવસ–૩	દિવસ–૪	દિવસ–પ	
તારીખ	०४-०૯-२०१૯	૦૫-૦૯-૨૦૧૯	०६-०७-२०१७	०७-०૯-२०१૯	०८-०७-२०१७	
વરસાદ (મી.મી)	૧૯	٩3	৭৩	૩૫	રપ	
મહતમ તાપમાન (સે.ગ્રે)	3 5	3 ૧	3 ૧	3 ૧	3 ૧	
લઘુતમ તાપમાન (સે.ગ્રે)	55	55	२९	२९	२९	
વાદળની સ્થિતિ	મોટેભાગે	વાદળછાયું	મોટેભાગે	વાદળછાયું	વાદળછાયું	
વાદળના સ્થિત	વાદળછાયું		વાદળછાયું			
સવારના ભેજના ટકા	८७	éО	૯૧	૯૨	૯૨	
બપોર બાદ ભેજના ટકા	૭૬	૭૯	૮૫	૭૯	८२	
પવનની ગતિ (કિમી/કલાક)	०१૯	095	०१४	૦૧૫	0٩3	
પવનની દિશા (ડીગ્રી)	રપપ	રપ૪	२४८	રપ૭	୧७୦	
		પોરબ	ાંદર			
વરસાદ (મી.મી)	٩3	٩0	૧૭	30	૧૫	
મહતમ તાપમાન (સે.ગ્રે)	3	3 ૧	30	30	3 ૧	
લઘુતમ તાપમાન (સે.ગ્રે)	૨૭	૨૭	૨૭	૨૭	२५	
	મોટેભાગે	મોટેભાગે	વાદળછાયું	વાદળછાયું	વાદળછાયું	
વાદળની સ્થિતિ	વાદળછાયું	વાદળછાચું				
સવારના ભેજના ટકા	૮૫	૮૫	ረ ዓ	৫৩	୧୦	
બપોર બાદ ભેજના ટકા	૭૫	૭૬	૭૮	૭૭	૭૬	
પવનની ગતિ (કિમી/કલાક)	055	०१८	०१७	०१૯	०१८	

પવનની દિશા (ડીગ્રી)	રપર	२९९	રપ૭	550	२९२
		ગીર સો	મનાથ		
વરસાદ (મી.મી)	૧૦	٩3	રપ	૩૫	રપ
મહતમ તાપમાન (સે.ગ્રે)	3 ૧	3 ૧	30	30	30
લઘુતમ તાપમાન (સે.ગ્રે)	૨૭	२५	२५	૨૬	૨૬
વાદળની સ્થિતિ	મોટેભાગે	વાદળછાયું	મોટેભાગે	મોટેભાગે	વાદળછાયું
	વાદળછાચું		વાદળછાયું	વાદળછાયું	
સવારના ભેજના ટકા	৫৩	৫৩	٥٢	۷e	٥٢
બપોર બાદ ભેજના ટકા	٥٥	٢۶	٢٢	८२	૮૫
પવનની ગતિ (કિમી/કલાક)	053	055	०१८	050	0१८
પવનની દિશા (ડીગ્રી)	રપક	રપ૮	રપ૯	253	૨૭૬

દક્ષિણ સૌરાષ્ટ્ર ખેત આબોહવાકિય વિભાગ

પાકનું નામ	પાક અવસ્થા	રોગ / જીવાત / જાત	કૃષિ સલાહ
			આગામી પાંચ દિવસોમાં જીલ્લાઓમાં વાતાવરણ મોટેભાગે વાદળછાયું થી વાદળછાયું રહેશે. આગામી પાંચ દિવસો દરમિયાન જીલ્લાઓમાં છુટા છવાયા સ્થળો પર <mark>હળવા થી</mark> મધ્યમ વરસાદ ની શક્યતાઓ રહેલી છે અને જયારે
			જુનાગઢ અને ગીર સોમનાથ જીલ્લામાં ૭ સપ્ટેમ્બર ના રોજ <mark>ભારે વરસાદ</mark> ની સંભાવનાઓ રહેલી છે.
ચોમાસું મગફળી	સુચા / ડોડવા અવસ્થા	લીલી ઈચળ , યુસીયા, મોલોમશી	 મગફળીના પાકમાં આંતરખેડ કરવી અને હ્રાથથી નિદામણ કરવુ. મગફળીમાં ચુસીચા, મોલોમશી, થ્રીપ્સ ના નિયંત્રણ માટે ફ્રોસ્ફ્રામીડોન ૩ મીલી દવા અથવા ડાચમીથોચેટ ૧૫ મીલી દવા ૧૦ લીટર પાણીમાં ભેળવી છંટકાવ કરવો. મોલોમશી સાથે દાળીયા જીવાત જોવા મળે તો દવાનો છંટકાવ મુલતવી રાખવો. મગફળી પાકને લોહ તત્વની ઉણપના કારણે પાન પીળા

			દેખાય તો ૧૦૦ ગ્રામ ફીરાકશી તથા ૧૦ ગ્રામ લીંબુના
			કૂલને ૧૦ લીટર પાણીમાં ઓગાળીને છંટકાવ કરવો.
			❖ મગફળીમાં ગેરૂ અને ટીક્કાના નિયંત્રણ માટે કુગનાશક
			દવા મેન્કોઝેબ ૩૦ ગ્રામ દવા ૧૦ લીટર પાણીમાં ભેળવી
			વાવેતર બાદ ૩૫ દિવસે છંટકાવ કરવો.
			∻ મગફળીમા પાન કોરીયુ તથા લીલી ઈચળના નિયંત્રણ
			માટે ક્વીનાલ્ફોસ ૨૫ મીલી અથવા ડાયક્લોરોવોશ ૫
			મીલી દવા ૧૦ લીટર પાણીમાં ભેળવી છંટકાવ કરવો.
			દવાનુ એક કરતા વધારે મિશ્રણ કરવુ નહિ.
			∻ કપાસના પાકમાં વરાપ થયે આંતરખેડ કરવી અને હ્રાથથી
			નિદામણ કરવુ.
			∻ કપાસમાં ગુલાબી ઈયળના નિયંત્રણ માટે ખેતરમાં ફેરોમેન
			ટ્રેપગોઠવી નર કુદાઓનો નાશ કરવો. અથવા ૧૦૦ ગ્રામ
			બીવેરીયા પાવડર અને ૨૦ મીલી પ્રોફેનોફોસ ને ૧૦ લીટર
	0		પાણીમાં ભેળવી છંટકાવ કરવો.
કપાસ	୍ୱାୟି /	યુસીયા જીવાત,	ં કપાસના પાકમાં થ્રીપ્સ અને લીલા તડતડીયાના નિયંત્રણ
	ચાંપવા / કૂલ	ગુલાબી ઈયળ	માટે ૩.૦ મીલી ફોસ્ફામીડોન અથવા ૧૫ મીલી
			ડાયમીથોએટ અથવા ૧૫ મીલી મીથાઈલ-ઓ-ડેમેટોન દવા
			૧૦ લીટર પાણીમાં ભેળવી છંટકાવ કરવો.
			∻ કપાસનો પાક ત્રણ માસનો થાય ત્યારે પુર્તી ખાતરનો
			હપ્તો હેક્ટરે ૧૬૬.૬ કી.ગ્રા. યુરીયા અથવા ૪૦૦ કી.ગ્રા
			અમોનીયમ સલ્ફેટ આપવુ.
સોયાબીન	વૃદ્ધિ / કૂલ	-	∻ સોયાબીનનુ વાવેતર કર્યા બાદ ૩૦ દિવસે રીલે આંતરપાક
			તરીકે બે હાર પછી એક હાર એંરંડાનુ વાવેતર કરવુ જેથી
			વધુ ઉત્પાદન મેળવી શકાય છે.
			∻ પાકમાં લશ્કરી ઈયળનો ઉપદ્રવ ખુબ જોવા મળે તો તેના
			નિયંત્રણ માટે ૨૫ મીલી ક્લોરોપાયરીફોસ અથવા ૧૦
			મીલી મીથોમાઈલ દવાને ૧૦લીટર પાણીમાં ભેળવી
			છંટકાવ કરવો અથવા સંકલીત જીવાત નિયંત્રણના પગલા લેવા જેવા કે ફેરોમેન ટ્રેપ, વર્ટીસીલીયમ લોહ્નાટી કુગ
			લગે રેનો ઉપયોગ કરવો.
તલ	વૃદ્ધિ / કૂલ	-	 પાકમાં વાવેતર સમયે પાયામાં ડીએપી ૫૪.3 કીલો અને

			૮૭.૪ કીલો ચુરીચા/હે આપવુ. � તલના પાકમાં થ્રીપ્સ, નિચંત્રણ માટે અથવા ૧૫ મીલી ડાચમીથોએટ અથવા ૧૫ મીલી મીથાઈલ-ઓ-ડેમેટોન દવા ૧૦ લીટર પાણીમાં ભેળવી છંટકાવ કરવો.
એરંડા	વૃદ્ધિ	જીએયું-સીએસ- ૧, જીસીએસ-ક	એત મજુરોની અછતની પરીસ્થીતીમાં પાક વાવ્યા બાદ નિંદામણ નાશક દવા ટ્રાઈફલુરાલીન ૧.૦ કી.ગ્રા. અથવા પેન્ડીમીથેલીન ૧.૦ કી.ગ્રા. સક્રીય તત્વ રૂપે છંટકાવ કરવો.
અડદ	વૃદ્ધિ / કૂલ	-	 પાકમાં પ્રતિ હેક્ટરે ૨૦ કી.ગ્રા. નાઈટ્રોજન અને ૪૦ ફોસ્ફરસ આપવાથી પાક્નુ સારૂ ઉત્પાદન આવક મળે છે. સમયસર વાવેલ અડદના પાકમાં આંતરખેડ અને નીંદણની કામગીરી કરવી.
તુવેર	ဝုနြ	બીડી-૨, ગુ.તુવેર-૧૦૦, ગુજ. તુવેર હ્રાથ ૧	 તુવેરના પાકોનું વાવેતર માટે સારી ગુણવતા વાળું અને પ્રમાણિત કરેલ બીયારણ મેળવી લેવું. પાકમાં વાવેતર સમચે પાયામાં ડીએપી ૧૦૮.૭ કીલો અને ૧૧.૮ કીલો યુરીયા/ઠે આપવુ.
શાકભાજી	ຕູ ະະປໃ/ູຮູດ/ ຸ ຣູທ		 વેલાવાળા શાકભાજીના પાકમાં પાન કોરીયાનો ઉપદ્રવ ટાળવા માટે મુખ્ય પાકની ફરતે દિવેલા તથા ગલગોટાનુ વાવેતર કરવાથી તેનુ નિયંત્રણ કરી શકાય છે જો ઉપદ્રવ વધુ જોવા મળે તો ૧૦ મીલી મીથાઈલ ઓ ડેમેટોન (રપ ઈસી) અથવા ૧૦ મીલી ડાયમીથોએટ (૩૦ ઈસી) ૧૦ લીટર પાણીમાં ભેળવી છંટકાવ કરવો ત્યાર બાદ પછીથી બીજો છંટકાવ ૧૫ દિવસ પછી કરવો. શાકભાજીના પાકમાં યુસીયા પ્રકારની જીવાતના નિયંત્રણ માટે લીબોળીનુ તેલ ૫૦ મીલી અથવા લીબોળીનુ મીજનુ ૫ ટકા અર્કનુ દ્રાવણ ૫૦૦મીલી ૧૦ લી. પાણીમાં ભેળવી છંટકાવ કરવો. જો વધુ ઉપદ્રવ હ્રોય તો એસીટામ્રાપ્રીડ ૨૦ ટકા ૫ ગ્રામ/૧૦લી. અથવા દ્રાયઝોફોસ ૪૦ ટકા ૨૦ મીલી/ ૧૦ લી.પાણીમાં મીશ્ર કરી છંટકાવ કરવો. મરચીના પાકમાં થ્રીપ્સના નિયંત્રણ માટે ૨૦મીલી પ્રોફેનોફોસ અને લિમ્બોળીનુ તેલ ૫૦ મીલી ૧૦ લીટર પાણી મિશ્રણ કરી છાંટવી. શાકભાજીના પાકની રોપણી બાદ યુસીયા પ્રકારની જીવાતના નિયંત્રણ માટે દાણાદાર ફોરેટ ૧૦ જી છોડ દીઠ ૨ ગ્રામ મુજબ આપીને પીયત આપવુ.

		ગયેલ છોડ ઉપાડી જમીનમાં દાટી નાશ કરવો અને પ
		મીલી ઈમીડાક્લોપ્રાઈડ ૧૦ લીટર પાણીમાં ભેળવી
		છંટકાવ કરવો.
		✤ રીંગણ અને ટમેટાના ફળ અને અને ડોકાની ઈચળોનો
		ઉપદ્રવ જણાય તો નુકશાન પામેલ ફળ અને ડોકાને
		તોડીને જમીનમાં દાટી દેવા અને રીનાક્ષીપાયર દવા
		૩મીલીદવા ૧૦ લીટર પાણીમાં ભેળવી છંટકાવ કરવો.
		રીંગણ અને ટમેટાના પાકમા ફળમાખીના નિયંત્રણ માટે
		એસીટેમાપ્રીડ ૨૦ ટકા પગ્રામ દવા ૧૦ લીટર પાણીમાં
		ભેળવી છંટકાવ કરવો.
		💠 શાકભાજી ને સમયસર ઉતારી ગ્રેડીંગ કરી બજારમાં
		મુકવા.
		💠 પશુઓને યોગ્ય આહાર આપવો અને પશુઓના રઠેઠાણ
		ચોખ્ખા રાખવા.
		❖ માખી મચ્છરથી રક્ષણ માટે ફીનાઈલ છાટવુ.
		પશુઓને યોગ્ય આહારમાં ખનિજયુક્ત મિશ્રણ સાથે સંગ્રહિત
		યારા આપો. ચારા ને સલામત સ્થળે સંગ્રહિત કરવો
પશુપાલન	-	- જોઈએ.
		♦ ચારા માટે ચાફ કટર વાપરો.
		✤ પશુઓમાં ઈતરડીના નિયંત્રણ માટે ડેલ્ટામેથ્રીન અથવા
		એમીટાઝ ૨ મીલી/ ૧ લીટ૨ પાણીમાં નાખીને છાટવી.
		∻ દુધાળા પશુઓના આઉને ઝીંક ઓક્સાઈડ અથલા બોરીક
		પાવડરથી બરાબર સાફ કરવા.

JUNAGADH

Phone: 0285-2670139

Date: - 03-09-2019

Significant weather for the preceding week

Rain fall (mm)	030.4
Maximum temperature ⁰ C	31.7
Minimum temperature ^o C	25.4
RH % (Morning/Afternoon)	96 - 89

Wind speed (Kmph)	06.5
Cloud cover	4 - 8

(Period from 04 to 08 September 2019)

Weather forecast for Junagadh Dist. until 08:30 hrs of 08-09-2019

Parameters	Day-1	Day-2	Day-3	Day-4	Day-5
	04-08-19	05-09-19	06-09-19	07-09-19	08-09-19
Rain fall (mm)	19	13	17	35	25
Maximum temperature ⁰ C	32	31	31	31	31
Minimum temperature ⁰ C	26	26	26	26	26
Cloud cover (Okta)	7	8	7	8	8
RH I % (Morning)	89	90	91	92	92
RH II % (After noon)	76	79	85	79	82
Wind speed (Km/h)	019	016	014	015	013
Wind direction(Deg)	255	254	248	257	270

Agro meteorological Advisories

General	Rain fall		There is forecasting of light to moderate
Advice			rainfall at isolated places during on next five
	Temperature		days and heavy rainfall may be on 7 th
			September.
	RH (%)		Maximum and minimum temperature likely to
			be in range of 31 - 32°C and 26°C, respectively.
	Wind Direction and		The Relative Humidity is likely to be in the
	Wind Speed		range of 92 – 76 %.
			Direction and speed of wind is likely to be
			mostly W and 13 - 19 km/h, respectively.
Сгор	Variety/	Stage	Agro met Advisories
	Pest/Insect		

			The sky will remain variable cloudy during next five days and light to moderate rainfal and heavy rainfall on 7 th Sontomher may be and heavy rainfall.
			and heavy rainfall on 7 th September may be occurs at isolated places on next five days.
Kharif Groundnut	Prodenia, Sucking pest	Pegging / Pod development	 Interculturing and hand weeding should be carried out in groundnut. For the control of sucking pest (aphid, thrips jassid), spray 3 ml Phosphamidon OR 15 m Dimethoate in 10 litre of water. For ladybird beetle is observed with aphic then postpone the spraying operation. In Ground nut, spray 0.1% FeSo4 @ 100 gram with 10 gram citric acid solution to correct chlorosis. For the control of rust and tikka, spray fungicides mencozeb 26 gm mix in 10 litre or water at after sowing of 35 days. For the control of prodenia, spray quinalphos 20 ml OR Diclorovos 5 ml in 10 litre of water.
Cotton	Sucking pest	Vegetative / Branching / Flowering	 Interculturing and hand weeding should be carried out in cotton. Install pink bollworm pheromone traps in the cotton field. OR spray 100 gm Beauveria bassiana powder and 20 ml prophenophos mix in 10 liter of water. For the control of Thrips and Jassid, spray 3 ml phosphamidon OR 15 ml dimethoate OF 15 ml methyl-O-demeton mix in 10 liter o water. When the cotton crop is three months, apply

			the supplementary fertilizer dose is 166.6
			Urea kg/ha or 400 kg/ha Ammonium
			sulphate.
Soyabean	-	Vegetative /	➤ 30 days after sowing of soybean relay
		Flowering	intercropping with castor planting can be
		U U	obtained more production.
			For the control of prodenia, spray 25 ml
			chloropyariphos OR 10 ml methomile OR 5
			ml DDVP in 10 litre of water. OR use of
			integrated pest management like a pheromone trap, <i>verticillium locati</i> fungi etc
Seasame	-	Flowering /	For the control of Thrips, spray 15 ml
Scusume		Capsule	dimethoate OR 15 ml methyl-O-demeton mix
		formation	
			in 10 liter of water.
Castor	GAU-CH-1,	Establishment	After sowing of castor before emergence of
	GCH-6		seed spray weedicides 1.0 kg/ha trifluralin
			OR 1.0 kg/ha pendimethalin.
Black gram	-	Vegetative /	Apply 20 kg nitrogen, 40 kg phosphorus per
		Flowering	ha for more production.
			Carry out weeding and inter culturing
			operations in timely sown black gram.
Pigeon pea	BD-2, GT-	Establishment	To procure good quality certified seeds of
	100, GTH-1		pigeon pea.
			In pigeon pea apply 108.7 kg DAP/ha & 11.8
			kg urea/ha at the time of sowing.
Vegetable crops	-	Sowing/ Flowering/	For the control of leaf webber in fruit leafy
		Fruiting	vegetable, sowing of trap crop (castor and
		0	galgota) around the vegetable crop. For the
			heavy incidence spray 10 ml methyl O
			demeton (25 EC) Or 10 ml diamethoate (30
			EC) in 10 liter of water.

For the control of thrips and white fly, 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.
For the control of thrips in chilli, spray 20 ml
profenophos in 10 litres of water.
➢ For the control of fruit and shoot borer,
spray neem seed extract 5 % or neem seed
oil 50 ml and acetamiprid 20 % SP@ 5.0 gm /
10 lit of water at 15 days interval.
Rouging of viral infested crop should be done
in chilli. Infected plants should be uprooted
and buried in the soil. After rouging, spraying
of 5 mi Imidacloprid per 10 litre of water is
advised for control the vector, when sky
remains clear.
Apply regular irrigation at 6 to 8 days to the
crop at the flowering and fruiting stage.
In brinjal and tomato crops constant
monitoring of borers by using pheromone
traps 4-6 per acre is advised, for the control
of fruit borer, spray reenaxipayar @ 3.0ml in
10 lit of water.
In brinjal and tomato crops, for the control of
fruit fly, spray acetemaprid 5.0 ml in 10 lit of
water.
Keep vegetable crop weed free, apply
irrigation regularly and send vegetable fruit
to the market often grading.

Livestock -	 To provide adequate food and keep the
	animals clean shed.
	Spray phenyl in the animal shed to avoid flies
	and mosquitoes.
	Give stored fodder with mineral mixture
	Fodder should be stored at safe place.
	Feed silage & hay material along with
	concentrate feed.
	Use chaff cutter for fodder.
	\succ For the control of tick and other parasites
	spray deltemethrin or aemitaz 2 ml in 1 litro
	of water.
	Udder of milking animals must be properly
	clean with zinc oxide or boric powder.

PORBANDAR

Phone: 0285-2670139

Date: - 03-09-2019

(Period from 04 to 08 September 2019)

Weather forecast for Porbandar Dist. until 08:30 hrs of 08-09-2019

Parameters	Day-1	Day-2	Day-3	Day-4	Day-5
Parameters	04-09-19	05-09-19	06-09-19	07-09-19	08-09-19
Rain fall (mm)	13	10	17	30	15
Maximum temperature ⁰ C	32	31	30	30	31
Minimum temperature ⁰ C	27	27	27	27	26
Cloud cover (Okta)	6	7	8	8	8
RH I % (Morning)	85	85	86	87	87
RH II % (After noon)	75	76	78	77	76
Wind speed (Km/h)	022	018	017	019	018
Wind direction(Deg)	252	266	257	260	262

Agro meteorological Advisories

General Rain fall	There is forecasting of light to moderate
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Advice			rainfall may be occurs at isolated places during		
Auvice			on next five days.		
			Maximum and minimum temperature likely to		
	RH (%)		be in range of 30 – 32 °C and 26 - 27°C,		
			respectively.		
	Wind Directio	on and	The Relative Humidity is likely to be in the		
	Wind Speed		range of 87 – 75 %.		
			Direction and speed of wind is likely to be		
			mostly W and 17 – 22 km/h, respectively.		
Crop	Variety/ Pest /	Stage	Agro met Advisories		
	Insect				
			The sky will remain variable cloudy during		
			next five days and light to moderate rainfall		
			may be occurs at isolated places on next five		
			days.		
Kharif	Prodenia,	Pegging / Pod	For the control of sucking pest (aphid, thrips		
Groundnut	Sucking	development	jassid), spray 3 ml Phosphamidon OR 15 ml		
	pest		Dimethoate in 10 litre of water.		
			\succ For ladybird beetle is observed with aphid		
			then postpone the spraying operation.		
			➢ In Ground nut, spray 0.1% FeSo₄ @ 100 gram		
			with 10 gram citric acid solution to correct		
			chlorosis.		
			\succ For the control of rust and tikka, spray		
			fungicides mencozeb 26 gm mix in 10 litre of		
			water at after sowing of 35 days.		
			\succ For the control of prodenia, spray quinalphos		
			20 ml OR Diclorovos 5 ml in 10 litre of water.		
Cotton	Sucking	Vegetative /	> Install pink bollworm pheromone traps in the		

		Duo nakina (aattaa field OD aaren 100 are Deemarie
	pest	Branching /	cotton field. OR spray 100 gm Beauveria
		Flowering	bassiana powder and 20 ml prophenophos
			mix in 10 liter of water.
			\blacktriangleright For the control of Thrips and Jassid, spray 3
			ml phosphamidon OR 15 ml dimethoate OR
			15 ml methyl-O-demeton mix in 10 liter of
			water.
			\succ When the cotton crop is three months, apply
			the supplementary fertilizer dose is 166.6
			Urea kg/ha or 400 kg/ha Ammonium
			sulphate.
Soyabean	-	Vegetative / Flowering	30 days after sowing of soybean relay intercropping with castor planting can be obtained more production.
			For the control of prodenia, spray 25 ml chloropyariphos OR 10 ml methomile OR 5 ml DDVP in 10 litre of water. OR use of integrated pest management like a pheromone trap, verticillium locati fungi etc.
Seasame	-	Flowering /	In sesame apply 54.3 kg DAP/ha & 87.4 kg
		Capsule	urea/ha at the time of sowing.
		formation	For the control of Thrips, spray 15 ml
			dimethoate OR 15 ml methyl-O-demeton mix
			in 10 liter of water.
Castor	GAU-CH-1,	Establishment	 After sowing of castor before emergence of
Castor		Latabilannent	
	GCH-6		seed spray weedicides 1.0 kg/ha trifluralin OR
			1.0 kg/ha pendimethalin.
Black gram	-	Vegetative /	Apply 20 kg nitrogen, 40 kg phosphorus per
		Flowering	ha for more production.
			Carry out weeding and inter culturing
			operations in timely sown black gram.

Pigeon pea	BD-2, GT-	Establishment	To procure good quality certified seeds of
	100, GTH-1		pigeon pea.
			➢ In pigeon pea apply 108.7 kg DAP/ha & 11.
			kg urea/ha at the time of sowing.
Vegetable crops		Sowing/ Flowering/ Fruiting	 kg urea/ha at the time of sowing. For the control of leaf webber in fruit leaf vegetable, sowing of trap crop (castor an galgota) around the vegetable crop. For th heavy incidence spray 10 ml methyl (demeton (25 EC) Or 10 ml diamethoate (3 EC) in 10 liter of water. For the control of thrips and white fly, spra neem seed extract 500 ml or neem seed oil 5 or neem oil 40 ml and acetamiprid 20 % SP(6 5.0 gm / 10 lit of water at 15 days interval. For the control of thrips in chilli, spray 20 m profenophosin10 litres of water. For the control of fruit and shoot borer, spra neem seed extract 5 % or neem seed oil 50 m and acetamiprid 20 % SP(6 5.0 gm / 10 lit c water at 15 days interval. Rouging of viralinfested crop should be don in chilli. Infectedplants should be uproote and buried in the soil.After rouging, sprayin of 5 mi Imidacloprid per 10litre of water i advisedfor control thevector, when sk remains clear. Apply regular irrigation at 6 to 8 days to th crop at the flowering and fruiting stage.

			traps 4-6 per acre is advised, for the control of
			fruit borer, spray reenaxipayar @ 3.0ml in 10
			lit of water.
			In brinjal and tomato crops, for the control of
			fruit fly, spray acetemaprid 5.0 ml in 10 lit of
			water.
			Keep vegetable crop weed free, apply
			irrigation regularly and send vegetable fruit to
			the market often grading.
Livestock	-	-	To provide adequate food and keep the
			animals clean shed.
			Spray phenyl in the animal shed to avoid flies
			and mosquitoes.
			Give stored fodder with mineral mixture.
			Fodder should be stored at safe place.
			Feed silage & hay material along with
			concentrate feed.
			Use chaff cutter for fodder.
			For the control of tick and other parasites,
			spray deltemethrin or aemitaz 2 ml in 1 litre
			of water.
			Udder of milking animals must be properly
			clean with zinc oxide or boric powder.

Gir Somnath

Phone: 0285-2670139

Date: - 03-09-2019

(Period from 04 to 08 September 2019)

Weather forecast for Gir So	<u>mnath Dist.</u>	until 08:30	hrs of 08-09	-2019	
	Dav-1	Dav-2	Dav-3	Dav-4	

Parameters	Day-1	Day-2	Day-3	Day-4	Day-5
ratameters	04-09-19	05-09-19	06-09-19	07-09-19	08-09-19
Rain fall (mm)	10	13	25	35	25
Maximum temperature ⁰ C	31	31	30	30	30
Minimum temperature ⁰ C	27	26	26	26	26
Cloud cover (Okta)	6	8	7	7	8
RH I % (Morning)	87	87	88	89	88
RH II % (After noon)	80	84	84	82	85
Wind speed (Km/h)	023	022	018	020	018
Wind direction(Deg)	256	258	259	263	276

Agro meteorological Advisories

General	Rain fall		There is forecasting of light to moderate		
Advice			rainfall at isolated places during on next five		
	Temperature		days and heavy rainfall may be on 7 th		
			September.		
	RH (%)		Maximum and minimum temperature likely to		
			be in range of 30 - 31°C and 26 - 27 °C,		
	Wind Direction and		respectively.		
	Wind Speed		The Relative Humidity is likely to be in the		
			range of 89 – 80 %.		
			Direction and speed of wind is likely to be		
			mostly W and 18 – 23 km/h, respectively.		
Сгор	Variety/	Stage	Agro met Advisories		
	Pest / Insect				
	insect				

			The sky will remain variable cloudy during next five days and light to moderate rainfal and heavy rainfall on 7 th September may be occurs at isolated places on next five days.
Kharif Groundnut	Prodenia, Sucking pest	Pegging / Pod development	 Interculturing and hand weeding should be carried out in groundnut. For the control of sucking pest (aphid, thrip: jassid), spray 3 ml Phosphamidon OR 15 m Dimethoate in 10 litre of water. For ladybird beetle is observed with aphid then postpone the spraying operation. In Ground nut, spray 0.1% FeSo4 @ 100 gram with 10 gram citric acid solution to correct chlorosis. For the control of rust and tikka, spray fungicides mencozeb 26 gm mix in 10 litre of water. For the control of prodenia, spray quinalphot 20 ml OR Diclorovos 5 ml in 10 litre of water.
Cotton	Sucking pest	Vegetative / Branching / Flowering	 Interculturing and hand weeding should be carried out in cotton. Install pink bollworm pheromone traps in the cotton field. OR spray 100 gm Beauveri bassiana powder and 20 ml prophenopho mix in 10 liter of water. For the control of Thrips and Jassid, spray 100 ml phosphamidon OR 15 ml dimethoate Ol 15 ml methyl-O-demeton mix in 10 liter of water. When the cotton crop is three months, appl

		•	
			the supplementary fertilizer dose is 166.6
			Urea kg/ha or 400 kg/ha Ammonium
			sulphate.
Soyabean	-	Vegetative /	30 days after sowing of soybean relay
•		Flowering	intercropping with castor planting can be
		nowening	obtained more production.
			\succ For the control of prodenia, spray 25 m
			chloropyariphos OR 10 ml methomile OR 5
			ml DDVP in 10 litre of water. OR use of
			integrated pest management like a
Seasame		Flowering /	pheromone trap, <i>verticillium locati</i> fungi etc
Seasaille	-	Capsule	In sesame apply 54.3 kg DAP/ha & 87.4 kg
		formation	urea/ha at the time of sowing.
			For the control of Thrips, spray 15 m
			dimethoate OR 15 ml methyl-O-demeton mix
			in 10 liter of water.
Castor	GAU-CH-1,	Establishment	After sowing of castor before emergence of
	GCH-6		seed spray weedicides 1.0 kg/ha trifluralin
			OR 1.0 kg/ha pendimethalin.
Black gram	-	Vegetative /	Apply 20 kg nitrogen, 40 kg phosphorus per
		Flowering	ha for more production.
			Carry out weeding and inter culturing
			operations in timely sown black gram.
Pigeon pea	BD-2, GT-	Establishment	To procure good quality certified seeds of
-9 P - •	100, GTH-1		pigeon pea.
	100, 011-1		
			In pigeon pea apply 108.7 kg DAP/ha & 11.8
			kg urea/ha at the time of sowing.
	-	Sowing/	\blacktriangleright For the control of leaf webber in fruit leafy
Vegetable			
Vegetable crops		Flowering/	vegetable, sowing of trap crop (castor and
-		Flowering/ Fruiting	vegetable, sowing of trap crop (castor and galgota) around the vegetable crop. For the

 EC) in 10 liter of water. For the control of thrips and white fly, sp neem seed extract 500 ml or neem seed 50 or neem oil 40 ml and acetamiprid 2 SP@ 5.0 gm / 10 lit of water at 15 or interval. For the control of thrips in chilli, spray 20 profenophosin10 litres of water. For the control of fruit and shoot bor spray neem seed extract 5 % or neem s oil 50 ml and acetamiprid 20 % SP@ 5.0 g 10 lit of water at 15 days interval. Rouging of viralinfested crop should be d in chilli. Infected plants should be uproc and buried in the soil.After rouging, spra of 5 ml Imidacloprid per 10litre of water advisedfor control thevector, when remains clear. Apply regular irrigation at 6 to 8 days to crop at the flowering and fruiting stage. In brinjal and tomato crops cons monitoring of borers by using pherom traps 4-6 per acre is advised, for the control to furt borer, spray reenaxipayar @ 3.0 m 10 lit of water. 	
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water	fruit fly, spray acetemaprid 5.0 ml in 10 lit of
water.	water.
Keep vegetable crop weed free, and the set of the se	Keep vegetable crop weed free, apply

	irrigation regularly and send vegetable fruit to the market often grading.
Livestock	 To provide adequate food and keep the animals clean shed. Spray phenyl in the animal shed to avoid flies and mosquitoes. Give stored fodder with mineral mixture. Fodder should be stored at safe place. Feed silage & hay material along with concentrate feed. Use chaff cutter for fodder. For the control of tick and other parasites, spray deltemethrin or aemitaz 2 ml in 1 litre of water. Udder of milking animals must be properly clean with zinc oxide or boric powder.

