

ગ્રામીણ કૃષિ મૌસમ સેવા

હવામાન આગાહી આધારીત કૃષિસલાહ બુલેટીન ઉત્તર સૌરાષ્ટ્રખેત આબોહવાકીય વિભાગ



તા.0૯-03-२०૧૬ થી તા.૧3-03-२०૧૬

(ગ્રામીણ કૃષિ મૌસમસેવા, સૂકી ખેતી સંશોધન કેન્દ્ર, જુ.કૃ.યુ.,તરઘડિયા અને ભારત મૌસમ વિભાગ દ્રારા સંપન્ન)

કૃષિ હવામાન બુલેટીન નં. <mark>૯૯/૨૦૧૬</mark>

પાછલા અઠવાડીયાનું રાજકોટનું હવામાન

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હવામાન પરિબળો	
વરસાદ(મી.મી.)	0.0
મહતમ તાપમાન (સે.ગ્રે)	34.4-37.2
લધુતમ તાપમાન (સે.ગ્રે)	17.0-19.5
ભેજ(%) સવાર	48-77
ભેજ(%) બપોરબાદ	37-44
પવનની ગતિ (કિમી/કલાક)	5.8-7.8

ફવામાન આગાઠી: પત્રક-ક

ઉતર સૌરાષ્ટ્રખેત આબોઠવાકીય વિભાગ-ઠવામાન આગાઠી

તા.0૯-03-૨૦૧૬ થી તા.૧૩-03-૨૦૧૬

કૃષિ સલાહ:

સામાન્ય

ભારતસરકારશ્રીના હવામાન ખાતા તરફથી મળેલ હવામાન માહિતી અનુસાર અત્રેના ગ્રામીણ કૃષિ મૌસમ સેવા વિભાગ,જુનાગઢ કૃષિ યુનિવર્સીટી, તરઘડીયા તરફથી જણાવવામાં આવે છે કે, ઉતર સૌરાષ્ટ્ર ખેત આબોહવાકીય વિસ્તારના

રાજકોટ: જીલ્લામાં આગામી તા. ૦૯-૦૩-૨૦૧૬ થી તા. ૧૩-૦૩-૨૦૧૬ દરમ્યાન હવામાન સુકું અને અંશત: વાદળછાયું રહેશે. પવનની દિશા વાયવ્ય અને પશ્ચિમની રહેવાની અને પવનની ઝડપ ૧૦ થી ૧૪ કીમી/કલાક રહેવાની શક્યતા છે. આ સમયગાળામાં મહતમ તાપમાન દિવસ દરમ્યાન ૩૪-૩૬ ડીગ્રી સેલ્શીયસ જેટલું તેમજ લઘુતમ તાપમાન રાત્રી દરમ્યાન ૨૦-૨૩ ડીગ્રી સેલ્શીયસ જેટલું રહેવાની સંભાવના છે.

તારીખ	દિવસ-૧	દિવસ-૨	દિવસ-૩	દિવસ-૪	દિવસ-પ
પેરામીટર	06-03-95	90-03-99	99-03-99	9 8-03-9 9	93-03-99
વરસાદ(મી.મી)	0	0	0	0	0
મહતમ તાપમાન (સે.ગ્રે)	34	35	35	36	36
લઘુતમ તાપમાન (સે.ગ્રે)	20	21	22	22	23
વાદળની સ્થિતિ(ઓકટા)	1	0	2	1	0
મહતમ ભેજ (%) સવાર	49	51	44	53	76

લધુતમ ભેજ (%) બપોરબાદ	23	25	25	25	30
પવનની ગતિ (કિમી/કલાક)	14	14	15	12	10
પવનની દિશા (ડીગ્રી)	334	248	250	286	293

જામનગર: જીલ્લામાં આગામી તા. ૦૯-૦૩-૨૦૧૬ થી તા. ૧૩-૦૩-૨૦૧૬ દરમ્યાન ફવામાન સુકું અને અંશત: વાદળછાયું રફેશે. પવનની દિશા વાયવ્ય અને પશ્ચિમની રફેવાની અને પવનની ઝડપ ૧૧ થી ૧૮ કીમી/કલાક રફેવાની શક્યતા છે. આ સમયગાળામાં મહતમ તાપમાન દિવસ દરમ્યાન ૩૨-૩૩ ડીગ્રી સેલ્શીયસ જેટલું તેમજ લઘુતમ તાપમાન રાત્રી દરમ્યાન ૨૨-૨૩ ડીગ્રી સેલ્શીયસ જેટલું રફેવાની સંભાવના છે.

તારીખ	દિવસ-૧	દિવસ-૨	દિવસ-૩	દિવસ-૪	દિવસ-પ
પેરામીટર	06-03-45	90-03-99	99-03-99	92-03-99	93-03-99
વરસાદ(મી.મી)	0	0	0	0	0
મહ્તમ તાપમાન (સે.ગ્રે)	32	33	33	33	33
લધુતમ તાપમાન (સે.ગ્રે)	22	23	23	23	23
વાદળની સ્થિતિ(ઓકટા)	0	0	2	2	0
મહતમ ભેજ (%) સવાર	62	56	53	61	80
લઘુતમ ભેજ (%) બપોરબાદ	27	34	30	32	39
પવનની ગતિ (કિમી/કલાક)	16	15	18	13	11
પવનની દિશા (ડીગ્રી)	334	331	332	329	282

અમરેલી: જીલ્લામાં આગામી તા. ૦૯-૦૩-૨૦૧૬ થી તા. ૧૩-૦૩-૨૦૧૬ દરમ્યાન ફ્વામાન સુકું અને અંશત:વાદળછાયું રફેશે. પવનની દિશા વાયવ્ય, અગ્નિ અને દક્ષિણની રફેવાની અને પવનની ઝડપ <mark>૧૨ થી</mark> ૧૪ <mark>કીમી/કલાક</mark> રફેવાની શક્યતા છે. આ સમયગાળામાં મફતમ તાપમાન દિવસ દરમ્યાન <u>૩૫-૩૭</u> ડીગ્રી સેલ્શીયસ જેટલું તેમજ લઘુતમ તાપમાન રાત્રી દરમ્યાન <mark>૨૦-૨૩</mark> ડીગ્રી સેલ્શીયસ જેટલું રફેવાની સંભાવના છે.

તારીખ	દિવસ-૧	દિવસ-ર	દિવસ-૩	દિવસ-૪	દિવસ-પ
પેરામીટર	06-03-45	90-03-99	99-03-99	9 8-03-9 9	93-03-99
વરસાદ(મી.મી)	0	0	0	9	0
મહ્તમ તાપમાન (સે.ગ્રે)	35	36	37	37	36
લઘુતમ તાપમાન (સે.ગ્રે)	20	21	22	22	23
વાદળની સ્થિતિ(ઓકટા)	2	0	1	2	1
મહતમ ભેજ (%) સવાર	44	50	42	51	69
લઘુતમ ભેજ (%) બપોરબાદ	25	25	26	26	34
પવનની ગતિ (કિમી/કલાક)	14	14	14	12	12
પવનની દિશા (ડીગ્રી)	331	140	204	221	303

સુરેન્દ્રનગર: જીલ્લામાં આગામી તા. ૦૯-૦૩-૨૦૧૬ થી તા. ૧૩-૦૩-૨૦૧૬ દરમ્યાન હવામાન સુકું અને અંશત: વાદળછાયું રહેશે. પવનની દિશા વાયવ્ય અને પશ્ચિમની રહેવાની અને પવનની ઝડપ <mark>૧૦ થી ૧૫ કીમી/કલાક</mark> રહેવાની શક્યતા છે. આ સમયગાળામાં મહતમ તાપમાન દિવસ દરમ્યાન ૩૩-૩૪ ડીગ્રી સેલ્શીયસ જેટલું તેમજ લઘુતમ તાપમાન રાત્રી દરમ્યાન <mark>૨૦-૨૦</mark> ડીગ્રી સેલ્શીયસ જેટલું રહેવાની સંભાવના છે.

તારીખ	દિવસ-૧	દિવસ-ર	દિવસ-૩	દિવસ-૪	દિવસ-પ
પેરામીટર	06-03-45	90-03-99	99-03-99	૧૨-૦૩-૧૬	93-03-99
વરસાદ(મી.મી)	0	0	0	0	0
મહતમ તાપમાન (સે.ગ્રે)	34	34	34	34	33
લધુતમ તાપમાન (સે.ગ્રે)	20	20	20	20	20
વાદળની સ્થિતિ(ઓકટા)	1	0	2	2	0
મહતમ ભેજ (%) સવાર	45	49	44	51	67
લધુતમ ભેજ (%) બપોરબાદ	18	19	21	21	23
પવનની ગતિ (કિમી/કલાક)	14	14	15	10	11
પવનની દિશા (ડીગ્રી)	327	304	334	314	283

માર્ચ ૧૩ સુધી હવામાન સુકું અને યોખ્ખું થી અંશત: વાદળછાયું રહેશે. પવનની દિશા પશ્ચિમ અને વાયવ્યની રહેવાની અને પવનની ઝડપ ૧૦ થી ૧૫ કીમી/કલાક રહેવાની શક્યતા છે. આ સમયગાળામાં મહતમ તાપમાન દિવસ દરમ્યાન ૩૩-૩૬ ડીગ્રી સેલ્શીયસ જેટલું તેમજ લઘુતમ તાપમાન રાત્રી દરમ્યાન ૨૦-૨૨ ડીગ્રી સેલ્શીયસ જેટલું રહેવાની સંભાવના છે.

મુખ્ય	પાક અવસ્થા	રોગ/જીવાત/જાત	કૃષિ સલાહ				
પાક			(૧૦ લીટર પાણીમાં મિશ્ર કરી ભલામણ કરેલ દવા છાંટવી)				
ઉનાળુ	વાવેતર/ઉગાવો	ગુજરાત મગ-૪, કે-૮૫૧	ઉનાળુ મગ/અડદના વાવેતર માટે હ્રાલ હ્વામાન				
મગ			સાનુકુળ હોય વાવેતર કરવું. બિયારણને ૨-૩				
			ગ્રામ/કિલ્લો મુજબ થાયરમ-કાર્બોકસીન(વાયટાવેક્ષ),				
ઉનાળુ	વાવેતર/ઉગાવો	ગુજરાત અડદ -૧, ટી-૯	મેન્કોઝેબ અથવા કર્બેન્ડાઝીમ દવાનો પટ આપવો.				
અડદ			પાચામાં ડી.એ.પી. ૧૪ કી.ગ્રા. અને યુરિઆ ૧.૬				
			કી.ગ્રા./વીધા અથવા સિંગલ સુપર ફ્રોસ્ફ્રેટ ૪૦ કી.ગ્રા.				
			અને યુરિઆ ૭ કી.ગ્રા./વીધા મુજબ આપવું.				
ઉનાળુ	વૃદ્ધિ	થ્રીપ્સ	ઉનાળુ મગફળીમાં થ્રીપ્સના નિયંત્રણ માટે લીંબોળીનું				
મગફળી			તેલ ૫૦ મિલિ અથવા લીંબોળીના મીંજનું ૫ ટકા				
			અર્કનું દ્રાવણ ૫૦૦ મીલી અને ઈમીડાક્લોપ્રીડ ૩૦.૫				
			ટકા ૪ મિલી અથવા પ્રોફેનોફોસ ૩૦ મિલી અથવા				
			લેમ્બ્ડા સાયફેલોથ્રીન ૧૫ મિલી દવાને ૧૦ લીટર				
			પાણીમાં મિશ્ર કરીને છંટકાવ કરવો.				
ઉનાળુ	વૃદ્ધિ	થ્રીપ્સ	ઉનાળુ તલમાં થ્રીપ્સના નિયંત્રણ માટે લીંબોળીનું				
તલ			તેલ ૫૦ મિલિ અથવા લીંબોળીના મીંજનું ૫ ટકા				
			અર્કનું દ્રાવણ ૫૦૦ મીલી અને ઈમીડાક્લોપ્રીડ ૩૦.૫				
			ટકા ૪ મિલી અથવા પ્રોફેનોફોસ ૩૦ મિલી અથવા				
			લેમ્બ્ડા સાયફેલોથ્રીન ૧૫ મિલી દવાને ૧૦ લીટર				

			પાણીમાં મિશ્ર કરીને છંટકાવ કરવો.
ટામેટા	ફેર રોપણી/ વૃદ્ધિ	પૂસા હાઈબ્રીડ , પૂસા બી, જુનાગઢ રૂબી, ગુજરાત ટમેટા-૧. પુસા હાઈબ્રીડ. જુનાગઢ રુબી	વાવેતર અંતર ૬૦ -૯૦x ૪૫-૬૦ સે.મી. રાખવું તથા યુરીયા ૧૬૩, સિંગલ સુપેર ફ્રોસ્ફેટ ૬૨૫ કી.ગ્રા. અને મ્યુરેટ ઓફ પોટાશ ૧૬૭ કી.ગ્રા. /ફેક્ટર પાયામાં આપવો.
રીંગણ	ફેર રોપણી ⁄ વૃદ્ધિ	જુનાગઢ લંબ ગોળ, રીંગણ જુનાગઢ લાંબા, ગુજરાત રીંગણ-૨. જુનાગઢ લંબગોળ. જુનગઢ લાંબા	વાવેતર અંતર ૯૦X x ૬૦ સે.મી. રાખવું તથા યુરીયા ૧૦૮, સિંગલ સુપર ફ્રોસ્ફેટ ૩૧૨ કી.ગ્રા. અને મ્યુરેટ ઓફ પોટાશ ૮૩ કી.ગ્રા./ફેક્ટર પાયામાં આપવો.
ભીંડા	વાવેતર/ વૃદ્ધિ	ગુજરાત હાઈબ્રીડ ભીંડા -૧, ગુજરાત હાઈબ્રીડ ભીંડા-૧ ગુજરાત ભીંડા-૨	વાવેતર અંતર ૬૦ X ૪૫ સે.મી. રાખવું તથા યુરીયા ૧૦૮, સિંગલ સુપેર ફ્રોસ્ફ્રેટ ૩૧૨ કી.ગ્રા. અને મ્યુરેટ ઓફ પોટાશ ૮૩ કી.ગ્રા. /હેક્ટર પાયામાં આપવો.
તુરીયા	વાવેતર⁄ વૃદ્ધિ	પૂસા નસદાર, જય પૂરી અને પુસા નસદાર	વાવેતર અંતર ૧.૫ X ૦.૫ મીટર રાખવું તથા યુરીયાર૭, સિંગલ સુપેર ફોસ્ફેટ ૭૮ કી.ગ્રા. અને મ્યુરેટ ઓફ પોટાશ ૨૧ કી.ગ્રા. /હેક્ટર પાયામાં આપવો.
દૂધી	વાવેતર/ વૃદ્ધિ	પૂસા સમર પ્રોલીફીક લોંગ, જુનાગઢ ટેન્ડર લોંગ	વાવેતર અંતર ૨x ૦.૫ મીટરરાખવું તથા યુરીયા૧૦૮, વાવેતર અંતર ૨.૦ x ૦.૫ મીટરરાખવું યુરીયા ૧૦૮ ,સિંગલ સુપેર ફ્રોસ્ફેટ ૩૧૨ કી.ગ્રા. અને મ્યુરેટ ઓફ પોટાશ ૮૩ કી.ગ્રા.∕ફેક્ટર પાયામાં આપવો.
ગલકા	વાવેતર/ વૃદ્ધિ	પૂસા ચીકની	વાવેતર અંતર ૧.૫ x o .૫ મીટરરાખવું તથા યુરીયાર૭, વાવેતર અંતર ૧.૫ x o.૫ મીટર રાખવું અને યુરીયા ૨૭ તથા સિંગલ સુપેર ફ્રોસ્ફ્રેટ ૭૮ કી.ગ્રા. અને મ્યુરેટ ઓફ પોટાશ ૨૧ કી.ગ્રા. / હેક્ટર પાયામાં આપવો
કારેલા	વાવેતર/ વૃદ્ધિ	પ્રિયા, પૂસા દો મોસમી	વાવેતર અંતર ૧x ૧ મીટરરાખવું તથા યુરીયાકપ , વાવેતર અંતર ૧.૫ x ૦ .૫ મીટર રાખવું તથા સિંગલ સુપેર ફ્રોસ્ફ્રેટ ૩૭૫ કી.ગ્રા. અને મ્યુરેટ ઓફ પોટાશ ૧૦૦ કી.ગ્રા./ફેક્ટર પાયામાં આપવો
ગુવાર	વાવેતર/ વૃદ્ધિ	પૂસા સદાબહાર, પૂસા નાવ્બહાર,આઈસી–૧૧૩૮૮	વાવેતર અંતર ૬૦x ૩૦ સે.મી. રાખવું તથા યુરીયાપપ, વાવેતર અંતર ૬૦ x ૩૦ સે.મી. રાખવું તથા સિંગલ સુપેર ફ્રોસ્ફ્રેટ ૨૩૫ કી.ગ્રા. અને

			મ્યુરેટ ઓફ પોટાશ ૬૩ કી.ગ્રા. /हેક્ટર પાયામાં
			આપવો.
કાકડી	વાવેતર/ વૃદ્ધિ	જાપાનીઝ લાંબી લીલી ,	વાવેતર અંતર ૧x ૧ મીટરરાખવું તથા યુરીયા૫૫,
		સ્ટ્રેઈટ-૮, જાપાનીઝ લાંબી	વાવેતર અંતર ૧.૦ X ૧.૦ મીટર રાખવું તથા
		લીલી	સિંગલ સુપેર ફ્રોસ્ફેટ ૧૫૬ કી.ગ્રા.
		,સ્ટ્રેટ-૮ અને પુસા સંયોગ	યુરીયા ૫૫ અને મ્યુરે ટ ઓફ પોટાશ ૪૨
		પુસા સયોંગ	કી.ગ્રા./हેક્ટર પાચામાં આપવો.
તરબૂચ	વાવેતર/ વૃદ્ધિ	સુગર બેબી ,સુગર બેબી	વાવેતર અંતર ૨x ૧ મીટરરાખવું તથા યુરીયા૧૦૮,
		અને અરકા જ્યોતી	વાવેતર અંતર ૨.૦ x ૧.૦ મીટર રાખવું તથા
			સિંગલ સુપેર ફ્રોસ્ફેટ ૩૧૨ કી.ગ્રા. અને મ્યુરેટ ઓફ
			પોટાશ૮૩ કી.ગ્રા./ફેક્ટર પાચામાં આપવો.
લસણ	દડાનો વિકાસ	થ્રીપ્સ,	થ્રીપ્સના નિયંત્રણ માટે લીંબોળીનું તેલ ૫૦મિલિ
/ડુંગળી			અથવા લીંબોળીના મીંજનું ૫ ટકા અર્કનું દ્રાવણ ૫૦૦
			મીલી અને એમીદાક્લોપ્રીદ ૩૦.૫ ટકા ૪ મિલી
			અથવા પ્રોફેનોફોસ ૩૦ મિલી અથવા લેમ્બ્ડા
			સાયફેલોથ્રીન ૧૫ મિલી દવાને ૧૦ લીટર પાણીમાં
			મિશ્ર કરીને છંટકાવ કરવો.
		પાનની ટોચનો સુકારો અને	લસણ/ડુંગળીના પાકમાં પાનની ટોચનો સુકારો અને
		જાંબલી ધાબાનો રોગ	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
0. 0			છંટકાવ કરવો. પિયત નિયંત્રિત આપવું.
રીંગણી	કુલ/ફળ	સફેદ માખી	> લીંબોળીનું તેલ ૫૦મિલિ અથવા લીંબોળીના મીંજનું
અને			૫ ટકા અર્કનું દ્રાવણ ૫૦૦ મીલી ૧૦ લી. પાણીમાં
ટમેટી			મિશ્ર કરી છંટકાવ કરવો.જો વ ધુ ઉપદ્રવ હોય તો
			એસીટેમાપ્રીડ ૨૦ ટકા ૫ ગ્રામ/૧૦ લીટર પાણીમાં
			મિશ્ર કરી છંટકાવ કરવો.
		ડુંખ અને	> ફળ અને ડોકાની ઈયળોનો ઉપદ્રવ હોય તો
		ફળ કોરી ખાનાર ઈયળ	નુકશાન પામેલ ફળ અને ડોકા તોડીને જમીનમાં
		\rightarrow	દાંટી દેવા અને રીનાક્ષીપાયર દવા ૩ મિલી ૧૦
			લીટર પાણીમાં મિશ્ર કરીને છંટકાવ કરવો.

		કથીરી →	રીંગણી અને ટમેટી ના પાકમાં પાનકથીરીના નિયંત્રણ માટે પ્રોપરગાઈટ દવા ૧૦ મિલી /૧૦ લીટર પાણીમાં મિશ્ર કરીને છંટકાવ કરવો.						
મરચી	પાકા મરચાની વીણી	પાનની કુકડ-થ્રીપ્સ→	પ્રોફેનોફોસ ૨૦ મી.લી.અને લીંબોળીનુંતેલ ૫૦ મીલી અથવા લીંબોળીના મીંજનું ૫ ટકા અર્કનું દ્રાવણ ૫૦૦ મીલી ૧૦ લી.પાણીમાં મિશ્ર કરી છંટકાવ કરવો.						
		કાલવ્રણ →	કાલવ્રણ રોગના નિયંત્રણ માટે મેન્કોઝેબ ૨૭ ગ્રામ અથવા ક્લોરોથેલોનીલ૨૭ ગ્રામ અથવાફોઝેટાઈલ ૨૦ ગ્રામના ૧૫ દિવસના અંતરે ત્રણ છંટકાવ કરવા.						
આંબો	ફૂલ અને માંગિયો બંધાવો	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. આંબાના બગીયાને મગીયો બંધાય એટલે પિયત આપવું.						
પશુ/મર ધા	દુધાળા પશુઓના આઉને ઝીંક ઓક્સાઈડ અથવા બોરિક પવડરથી બરાબર સાફ કરવું. પશુઓમાં કળીયા તાવના રોગના નિયંત્રણ માટે રસીકરણ કરાવવું. ઈતરડીનાનિયંત્રણ માટે ડેલ્ટામેથ્રીન અથવા એમીટ્રાઝ ર મી.લી. ૧ લીટર પાણીમાં નાખીને છાંટવી. વિટામીન એ તથા ડી પુરકો આપવા. કરમિયાની દવા આપવી. મરધાઓને રાનીખેત/ન્યુકેસ્ટલ રોગ સામે રસીકરણ કરવું. ૧૫								
		ાના મરધાઓની યાંયનું કટિંગ	ા કરવું. વેટીન ૮ /૨૦૧૬ તરઘડિયા(રાજકોટ) તારીખઃ૦૧/૦૩/૨૦૧૬						

જા.નં.જુકૃયુ/સંવૈ(સુખે)/એગ્રોમેટ/બુલેટીન/ /૨૦૧૬, તરધડિયા(રાજકોટ),તારીખ:૦૧/૦૩/૨૦૧૬.

પ્રતિ, તંત્રીશ્રી/ડાયરેકટરશ્રી, રાજકોટ,

ઉપરોક્ત માહિતી આપના દૈનિક સમાચાર પત્રોમાં, રેડીયોમાં ગામના યો રાના કાર્યક્રમમાં તથા ટીવીના ગ્રામ્ય કાર્યક્રમમાં વિનામૂલ્યે પ્રસિધ્ધ કરાવવા નમ્ર વિંનતી છે. સહકારની અપેક્ષા સહ આભાર.



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Agro met Advisory Service bulletin No.-99 for the Rajkot district

(Issued jointly by DFRS, J.A.U., Targhadia (Rajkot) and India Meteorological Department) (Period 9th to 13th March- 2016)

Significant past weather for the preceding week of Rajkot

Rainfall (mm)	0.0
Maximum temperature (°C)	34.4-37.2
Minimum temperature (°C)	17.0-19.5
Relative Humidity (%) I	48-77
Relative Humidity (%) II	37-44
Wind speed (Kmph)	5.8-7.8

Weather forecast until 08-30 hrs of 13/03/2016

(1) RAJKOT DISTRICT:

	09/03/16	10/03/16	11/03/16	12/03/16	13/03/16
Rainfall (mm)	0	0	0	0	0
Max.Temp.(°C)	34	35	35	36	36
Min.Temp.(°C)	20	21	22	22	23
Total CC (octa)	1	0	2	1	0
RH-I (%)	49	51	44	53	76
RH-II (%)	23	25	25	25	30
Wind Speed (kmph)	14	14	15	12	10
Wind Direction(deg.)	334	248	250	286	293

Agro meteorological Advisories:

General
Advice

- Rain fall: Dry and mainly clear weather forecasted for next five days.
- **Temperature:** Maximum and minimum temperature likely to be in range of 34-36°c and 21-23°c, respectively.
- Relative Humidity: The RH is likely to be in the range of 23-76 %
- Wind Direction and Speed: Direction and speed of wind is likely to be NW,W and 11-15 km/h, respectively.

Crops	Stage	Insect/Pest/Variet	Advisory
Green gram Black	Sowing Sowing	Gujarat mung-4, K-851 Gujarat udad-1,	Present weather is convenient for sowing of summer green/black gram. Give seed treatment of vitavax (Carboxin 37.5% + Thiram 37.5%) or
Gram		T-9	mencozeb or carbendazim 2-3 gm/1 kg seed. DAP 87 kg and 10 kg urea/ha as basal.
Summer Groundnut	Growth	Thrips	Thrips infestation observed above ETL. Spraying of 500 ml of 5 % neem seed extract or neem seed oil 50 ml with Profenofos 20 ml or imidacloprid 30.5 SC 3 ml or Lemda cyhelothrin 10 ml / 10 lit of water.
Summer Sesame	Germinattion/ establishment	Thrips	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	Transplanting /establishmen t	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/germ ination	Guj. Hy1 & 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/germ ination	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/germ ination	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/germ ination	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/germ ination	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/germ ination	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/germ ination	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	Bulb Development /physiologica l maturity	-	Do not over irrigate for quality produce at this stage.
Onion	Growth	Thrips Purple blotch →	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. Spray Mencozeb 25 gm and hexaconazole 15 ml in 10 liters of water at 10 days interval.
Brinjal & Tomato	Flowering/ fruiting	Sucking pest	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.
Cabbage	Growth &	Diamond back	If insect population is above ETL than spraying of
and	fruiting	moth	Spinosad 3.0 ml/10 litre of water is advised against
cauliflower	D: 1: C		diamond back moth in cauliflower and cabbage.
Chili	Picking of ripped fruit	Thrips, →	In present weather conditions severe attack of thrips has been reported. Spray 3 ml spinosad in 10 litres of water.
		Wilting →	Drenching of Trichoderma viridi 4 gm in 1 liter of water.
		Anthracnose →	Spray Mencozeb 27 gm in 10 liters of water
Mango	Flowering/fru it formation	Blossom midge and Leaf hopper →	To prevent damage spray imidacloprid 5 ml/10 litres of water.
		<mark>Powdery</mark> Mildew→	Spray 15 ml Hexaconzole in 10 liters of water. Apply irrigation as fruit become gram size.



Livestock & poultry

For prevention of Anthrax disease in animals do vaccination with anthrax vaccine. Udder of milking animals must be properly clean with zinc oxide or boric powder. Also give deworming tablet to younger animals. 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.

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



Gramin Krushi Mausam Seva **Main Dry Farming Research Station** Junagadh Agricultural University Targhadia (Rajkot) - 360 003



likely to be in range of 32-

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Agro met Advisory Service bulletin No.99 for the Jamnagar district

(Issued jointly by DFRS, J.A.U., Targhadia (Rajkot) and India Meteorological Department) (Period 9th to 13th March- 2016)

Weather forecast until 08-30 hrs of 13/03/2016

(2) JAMNAGAR DISTRICT:

	09/03/16	10/03/16	11/03/16	12/03/16	13/03/16
Rainfall (mm)	0	0	0	0	0
Max.Temp.(°C)	32	33	33	33	33
Min.Temp.(°C)	22	23	23	23	23
Total CC (octa)	0	0	2	2	0
RH-I (%)	62	56	53	61	80
RH-II (%)	27	34	30	32	39
Wind Speed (kmph)	16	15	18	13	11
Wind Direction(deg.)	334	331	332	329	282

Agro meteorological Advisories:-

15 km/h, respectively.

General	Rain fall: Dry and clear to mainly clear weather forecasted for nex	xt five days.
Advice	Temperature: Maximum and minimum temperature likely to be	oe in range o
	2222 and 22 2202 respectively	

333c and 22-23°c, respectively. • **Relative Humidity**: The RH is likely to be in the range of 27-80 % Wind Direction and Speed: Direction and speed of wind is likely to be NW,W and 11-

	15 km/n, respectively.			
Crops	Stage	Insect/Pest/Variet	Advisory	
		\mathbf{y}		
Green	Sowing	Gujarat mung-4,	Present weather is convenient for sowing of	
gram		K-851	summer green/black gram. Give seed treatment	
Black	Sowing	Gujarat udad-1, T-	of vitavax (Carboxin 37.5% + Thiram 37.5%) or	
Gram		9	mencozeb or carbendazim 2-3 gm/1 kg seed. DAP	
			87 kg and 10 kg urea/ha as basal.	
Summer	Growing	Thrips	Thrips infestation observed above ETL. Spraying	
Groundnut			of 500 ml of 5 % neem seed extract or neem seed	
			oil 50 ml with Profenofos 20 ml or imidacloprid	
			30.5 SC 3 ml or Lemda cyhelothrin 10 ml / 10 lit	
			of water.	
Summer	Germinattion	Thrips	Procure good quality seeds of sesame and carry	
Sesame	/establishmen	_	out sowing of summer SESAME as minimum and	
	t		maximum temperature rises to 19 °C and	
			30°C, respectively and give seed treatment of	

Brinjal	Transplanting /establishmen	Junagadh oblong, Junagadh long,	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. Keep planting distance 90 X 60 cm ² and apply urea 108, single super phosphate 312 and murret of notach 82 kg/ha at acquire time.
	t	Guj. Bringle-2	of potash 83 kg/ha at sowing time.
Lady finger	Sowing/germ ination	Guj. Hy1 & 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/germ ination	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/germ ination	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/germ ination	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/germ ination	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/germ ination	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/germ ination	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	Bulb Development /physiologica l maturity	-	Do not over irrigate for quality produce at this stage.
Onion	Growth	Thrips Purple blotch →	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. Spray Mencozeb 25 gm and hexaconazole 15 ml in 10 liters of water at 10 days interval.

Brinjal & Tomato	Flowering/ fruiting	Sucking pest	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.
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	Picking of ripped fruit	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/fru it formation	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. Apply irrigation as fruit become gram size.
Livestock & poultry	Udder of milki give deworm disease/Ranikh	ng animals must be pring tablet to you let disease do vaccin	e in animals do vaccination with anthrax vaccine. properly clean with zinc oxide or boric powder. Also nger animals. For prevention of New castle nation in poultry. The beaks of birds in the poultry t. Entry of visitors in poultry should be prevented.



Gramin Krushi Mausam Seva Main Dry Farming Research Station Junagadh Agricultural University Targhadia (Rajkot) - 360 003



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

Phone: (0281)2784260(O), 2331686(R)

Fax: (0281)2784722, Cell:94277 28523 Agro met Advisory Service bulletin No.99 for the Amreli district

(Issued jointly by DFRS, J.A.U., Targhadia (Rajkot) and India Meteorological Department) (Period 9th to 13th March - 2016)

Weather forecast until 08-30 hrs of 13/03/2016

(3) AMRELI DISTRICT:

	09/03/16	10/03/16	11/03/16	12/03/16	13/03/16
Rainfall (mm)	0	0	0	9	0
Max.Temp.(°C)	35	36	37	37	36
Min.Temp.(°C)	20	21	22	22	23
Total CC (octa)	2	0	1	2	1
RH-I (%)	44	50	42	51	69
RH-II (%)	25	25	26	26	34
Wind Speed (kmph)	14	14	14	12	12
Wind Direction(deg.)	331	140	204	221	303

Agro meteorological Advisories:

Germinattion/

establishment

Thrips

Summer

Sesame

Agro meteoro	teorological Advisories:					
General	• Rain fall: Dry and clear to mainly clear weather forecasted for next five days.					
Advice	-		minimum temperature likely to be in range of 35-			
	37°c and 20	-21°c, respectively.				
	Relative H	umidity: The RH is li	ikely to be in the range of 25-69 %			
	• Wind Dire	ction and Speed: Di	rection and speed of wind is likely to be NW,SE,S			
	and 12-14 k	m/h, respectively.				
Crops	Stage	Insect/Pest/Variet	Advisory			
		y				
Green	Sowing	Gujarat mung-4,	Present weather is convenient for sowing of			
gram	_	K-851	summer green/black gram. Give seed treatment			
Black	Sowing	Gujarat udad-1, T-9	of vitavax (Carboxin 37.5% + Thiram 37.5%) or			
Gram			mencozeb or carbendazim 2-3 gm/1 kg seed.			
			DAP 87 kg and 10 kg urea/ha as basal.			
Summer	Growth	Thrips	Thrips infestation observed above ETL. Spraying			
Groundnut			of 500 ml of 5 % neem seed extract or neem			
			seed oil 50 ml with Profenofos 20 ml or			
			imidacloprid 30.5 SC 3 ml or Lemda cyhelothrin			
			10 ml / 10 lit of water.			

			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	Transplanting /establishmen t	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/germ ination	Guj. Hy1 & 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/germ ination	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/germ ination	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/germ ination	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/germ ination	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/germ ination	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/germ ination	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	Bulb Development /physiologica I maturity	-	Do not over irrigate for quality produce at this stage.
Onion	Growth	Thrips Purple blotch →	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. Spray Mencozeb 25 gm and hexaconazole 15 ml in 10 liters of water at 10 days interval.

ripped fruit Wilting → Drenching of Trichoderma viridi 4 gm in 1 liter of water. Anthracnose → Spray Mencozeb 27 gm in 10 liters of water Spray Mencozeb 27 gm in 10 liters of water To prevent damage spray imidacloprid 5 ml/10 litres of water. Powdery Mildew → Spray 15 ml Hexaconzole in 10 liters of water. Apply irrigation as fruit become gram size. Livestock & poultry Udder of milking animals must be properly clean with zinc oxide or boric powder. Also give deworming tablet to younger animals. For prevention of New castle disease/Ranikhet disease do vaccination in poultry. The beaks of birds in the poultry.	n	T1 · /	0 1'	T		
## Spray acetamiprid 20 % SP@ 5.0 gm / 10 lit of water. ## Spray acetamiprid 20 % SP@ 5.0 gm / 10 lit of water. ## Cabbage and cauliflower Cabbage and cauliflower		_				
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and cauliflower Chili Picking of ripped fruit Picking of ripped fruit Wilting → Thrips, → Thrips has been reported. Spray 3 ml spinosad in 10 litres of water. Wilting → Drenching of Trichoderma viridi 4 gm in 1 liter of water. Anthracnose → Spray Mencozeb 27 gm in 10 liters of water Spray Mencozeb 27 gm in 10 liters of water To prevent damage spray imidacloprid 5 ml/10 litres of water. Powdery Mildew → Spray 15 ml Hexaconzole in 10 liters of water. Apply irrigation as fruit become gram size. Livestock & poultry Udder of milking animals must be properly clean with zinc oxide or boric powder. Also give deworming tablet to younger animals. For prevention of New castle disease (Ranikhet disease do vaccination in poultry. The beaks of birds in the poultry						
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Gramin Krushi Mausam Seva





Agro met Advisory Service bulletinNo.-99 for the Surendranagar district

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

(Period 9th to 13th February - 2016)

Weather forecast until 08-30 hrs of 13/03/2016

(4) SURENDRANAGAR DISTRICT:

	09/03/16	10/03/16	11/03/16	12/03/16	13/03/16
Rainfall (mm)	0	0	0	0	0
Max.Temp.(°C)	34	34	34	34	33
Min.Temp.(°C)	20	20	20	20	20
Total CC (octa)	1	0	2	2	0
RH-I (%)	45	49	44	51	67
RH-II (%)	18	19	21	21	23
Wind Speed (kmph)	14	14	15	10	11
Wind Direction(deg.)	327	304	334	314	283

Agro meteorological advisories:

Ge	neral	l
Ad	vice	

- Rain fall: Dry and clear to mainly clear weather forecasted for next five days.
- Temperature: Maximum and minimum temperature likely to be in range of 33-34°c and 20-20°c, respectively.
- **Relative Humidity**: The RH is likely to be in the range of 18-67 %
- Wind Direction and Speed: Direction and speed of wind is likely to be NW,W and 10-15 km/h, respectively.

	10-13 km/n, respectively.		
Crops	Stage	Insect/Pest/Variet	Advisory
		\mathbf{y}	
Green	Sowing	Gujarat mung-4,	Present weather is convenient for sowing of
gram	_	K-851	summer green/black gram. Give seed treatment
Black	Sowing	Gujarat udad-1, T-	of vitavax (Carboxin 37.5% + Thiram 37.5%) or
Gram	_	9	mencozeb or carbendazim 2-3 gm/1 kg seed. DAP
			87 kg and 10 kg urea/ha as basal.
Summer	Growth	Thrips	Thrips infestation observed above ETL. Spraying
Groundnut			of 500 ml of 5 % neem seed extract or neem seed
			oil 50 ml with Profenofos 20 ml or imidacloprid
			30.5 SC 3 ml or Lemda cyhelothrin 10 ml / 10 lit
			of water.
Summer	Germinattion/	Thrips	Procure good quality seeds of sesame and carry
Sesame	establishment		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

	T		
			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	Transplanting /establishmen t	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/germ ination	Guj. Hy1 & 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/germ ination	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/germ ination	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/germ ination	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/germ ination	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/germ ination	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/germ ination	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	Bulb Development /physiologica I maturity	-	Do not over irrigate for quality produce at this stage.
Cumin	Physiological Maturity	-	Harvest the crop in time at maturity
Coriander	Physiological Maturity	-	Harvest the crop in time at maturity
Onion	Growth	Thrips Purple blotch →	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. Spray Mencozeb 25 gm and hexaconazole 15 ml in 10 liters of water at 10 days interval.

Brinjal & Tomato	Flowering/ fruiting	Sucking pest → & Fruit borer	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.	
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	Picking of ripped fruit	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/fru it formation	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. Apply irrigation as fruit become gram size.	
Livestock			e in animals do vaccination with anthrax vaccine.	
& poultry Udder of milking animals must be properly clean with zinc oxide or boric powder. Also give deworming tablet to younger animals. For prevention of New castle				

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