હવામાન આગાહી આધારીત કૃષિ સલાહ બુલેટીન દક્ષિણ સારાષ્ટ્ર ખેત આબોહવાકીય વિભાગ

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

હવામાન આગાહી આધારીત બલેટીન : ૨૦૧૮-૧૯

પાછલા અઠવાડીયાનુંજુનાગઢનુંહવામાન

હવામાન પરીબળો	દક્ષિણ સાૈરાષ્ટ્ર કૃષિ આબોહવાકિય વિસ્તાર
વરસાદ (મીમી)	000.0
મહતમ તાપમાન (⁰સે.)	83.5
લઘુતમ તાપમાન (⁰સે.)	२५.७
ભેજ(%)(સવાર/બપોરબાદ)	૭૯ – ૩૦
પવનની ગતિ (કિમી/કલાક)	۲.۵

પત્રક–**બ :** જીલ્લાવાર હવામાન આગાહી (તા.03–0૬–૨૦૧૮ સુધી)

ભારત સરકારશ્રીના હવામાન વિભાગ તરફ્થી મળેલ હવામાન આગાફીની માફીતી અનુસાર અત્રેના ગ્રામીણ કૃષિ મૌસમ સેવા ચોજના, જૂનાગઢ કૃષિ યુનિવર્સીટી, જૂનાગઢ તરફથી જણાવવામા આવે છે કે દક્ષિણ સૌરાષ્ટ્ર ખેત આબોહવાકીય વિસ્તારના ૧.જૂનાગઢ:- જીલ્લામા આગામી તારીખ 30/0૫/૨૦૧૮ થી 03/05/૨૦૧૮ દરમ્યાન આકાશ મુખ્યત્વે આગામી પાંચ દિવસોમાં અંશત વાદળછાયું રહેશે, આગામી પાંચ દિવસ દરમ્યાન વરસાદ પડવાની શક્યતા નથી.પવનની ઝડપ ૦૮ થી ૨૮ કીમી/કલાક રહેવાની શક્યતા રહેશે. આ સમયગાળામાં મહતમ તાપમાન ૩૮ થી ૩૯ ડીગ્રી સેન્ટીગ્રેડ રહેશે તેમજ લઘુતમ તાપમાન ૨૮ થી ૨૯ ડીગ્રી સેન્ટીગ્રેડ રહેવાની સંભાવના છે. ૨.પોરબંદર:- જીલ્લામા આગામી તારીખ 30/0૫/૨૦૧૮ થી 03/05/૨૦૧૮ દરમ્યાન આકાશ મુખ્યત્વે આગામી પાંચ દિવસોમાં અંશત વાદળછાયું રહેશે, આગામી પાંચ દિવસ દરમ્યાન વરસાદ પડવાની શક્યતા નથી.પવનની ઝડપ ૦૬ થી ૨૧ કીમી/કલાક રહેવાની શક્યતા રહેશે. આ સમયગાળામાં મહતમ તાપમાન ૩૫ થી ૩૬ ડીગ્રી સેન્ટીગ્રેડ રહેશે તેમજ લઘુતમ તાપમાન ૨૯ ડીગ્રી સેન્ટીગ્રેડ રહેવાની સંભાવના છે.

જુનાગઢ							
હવામાન પરીબળો / દિવસ– ૧ દિવસ– ૨ દિવસ–૩ દિવસ–૪					દિવસ–પ		
તારીખ	३०-०५-२०१८	૩૧-૦૫-૨૦૧૮	०१-०६-२०१८	०२-०५-२०१८	03-05 -2016		
વરસાદ (મી.મી)	00	00	00	00	00		
મહતમ તાપમાન (સે.ગ્રે)	36	3 ८	3 ८	3 ८	3 C		
લઘુતમ તાપમાન (સે.ગ્રે)	રહ	૨૯	રહ	રહ	૨૮		
	અંશત	અંશત	અંશત	અંશત	અંશત		
વાદળની સ્થિતિ	વાદળછાયું	વાદળછાયું	વાદળછાયું	વાદળછાયું	વાદળછાયું		
સવારના ભેજના ટકા	८७	éО	८७	૮૫	८१		
બપોર બાદ ભેજના ટકા	৬४	૭૮	૭૫	૭૧	SG		
પવનની ગતિ (કિમી/કલાક)	०२८	૦૧૭	٥٥ <i>८</i>	043	013		
પવનની દિશા (ડીગ્રી)	२९४	२४८	२२७	৭৫৩	२३७		
		પોરબંદ	ર				
વરસાદ (મી.મી)	00	00	00	00	00		
મહતમ તાપમાન (સે.ગ્રે)	3 5	3 પ	૩૫	૩૫	૩૫		
લઘુતમ તાપમાન (સે.ગ્રે)	રહ	ર૯	રહ	રહ	રહ		
	અંશત	અંશત	અંશત	અંશત	અંશત		
વાદળની સ્થિતિ	વાદળછાયું	વાદળછાયું	વાદળછાયું	વાદળછાયું	વાદળછાચું		
સવારના ભેજના ટકા	٢٢	८७	८७	٢3	٥٥		
બપોર બાદ ભેજના ટકા	ço	ვტ	કપ	પ૯	૫૮		
પવનની ગતિ (કિમી/કલાક)	०२१	૦૧૫	005	०२१	010		
પવનની દિશા (ડીગ્રી)	રપ૯	२४३	२१८	१८3	२३ २		

દક્ષિણ સૌરાષ્ટ્ર ખેત આબોહવાકિય વિભાગ

પાકનું નામ	પાક અવસ્થા	રોગ / જીવાત / જાત	કૃષિ સલાહ
			⊳ ઉનાળામાં જમીનની ઉંડી ખેડ કરવી જેથી રોગ અને કીટકોની
			જુદી જુદી અવસ્થાયે સુર્યતાપ સામે ખુલ્લી થતા નાશ પામે.
			> કોમ્પોસ્ટ, દેશી ખાતર અને જીપ્સમ ભલામણ મુજબ ચાસમાં
			ભરવા.
			⊳ ચોમાસુ મગફળીના આગોતરા વાવેતર માટે જમીનની

			તૈયારી કરવી અને જમીનમાં સેન્દ્રીય ખાતર ઉમેરવુ. > આગામી ચોમાસુ પાકોના વાવેતર માટે ખેત આયોજન કરવુ તે મુજબ બીયારણ, ખાતર અને દવાનો પુરવઠો મેળવી
ચોમાસું મગફળી	આગોતરૂં વાવેતર	જીજી- ૨૦,૨,૧૧,૫, ૭, ટીજી-૨૬	 લેવો. ચોમાસુ મગફળીના આગોતરા વાવેતર માટે જમીનની તૈયારી કરવી અને જમીનમાં સેન્દ્રીય ખાતર ઉમેરવુ. પિયતની સગવડ હ્રોય તો ખરીફ મગફળીનું આગોતરું વાવેતર કરવું. વાવેતર માટે અર્ધવેલડી જાત- જીજી.૨૦,૧૧ અથવા ઉભડી જાતો જીજી.૨ જીજી.૫ જીજી.૭ ટી.જી. ૨૬ ની પસંદગી કરવી. ચોમાસુ પાકો વાવતા પહેલા બીયારણને થાયરમ, કેપ્ટન અને મેન્કોઝેબ દવા ૧ કી.ગ્રામ બીજ દીઠ ૩.૦૦ ગ્રામ મુજબ પટ આપવો. વાવેતર સમયે ડીએપી પ૪.૩ કીલો અને ૬ કીલો ચુરીયા/હે. અને એરંડીનો ખોળ પ૦૦ કી.ગ્રા./હે. અથવા જીપ્સમ પ૦૦ કી.ગ્રા./હે. સાથે એરંડીનો ખોળ પ૦૦ કી.ગ્રા./હે પાયામા આપવો. તેમજ ૨.૫ કી.ગ્રા./હે રાયઝેબીયમ ક્રૂગનો પાઉડર, પ૦૦ કી.ગ્રા./હે એરંડીના ખોળ સાથે ભેળવી પાયામા વાવણી.
ઉનાળુ મગફળી	પરિપકવ અવશ્થા	-	✤ મગફળીનો પાક પરીપકવ થાય એટલે પીયત બંધ કરવુ. ડોડવા પરીપકવ થયે પીયત આપવાથી મગફળીનો ઉગાવો થવાથી ઉત્પાદન અને ગુણવતા ઘટે છે અને સમયસર કાપણી કરવી.
ઉનાળુ તલ	પરિપકવ અવસ્થા	-	∻ ઉનાળુ તલના પાકની દેઠધાર્મિક પરીપક્વતા એ કાપણી કરવી.
ઉનાળુ મગ	પરિપકવ અવસ્થા	-	✤ મગના પાકની પરીપક્વ શીંગોની વીણી કરવી અને પાકની કાપણી કરવી.
ઉનાળુ અડદ	પરિપકવ અવસ્થા	-	❖ અડદના પાકની પરીપક્વ શીંગોની વીણી કરવી અને પાકની કાપણી કરવી.
આંબા	ફળ અવસ્થા	-	∻ આંબાની નાની કલમો ને ૭ થી૮ દિવસે પીયત આપવુ. અને પુખ્ત વય ના ઝાડને મહીને એકાદ પીયત આપવુ. ∻ શાખ પડે એટલે પરીપકવ કેરી ઉતારી ગ્રેડીંગ કરી બજારમાં

	1	
		મોકલવી.
શાકભાજી	ູຊະະປົ/ູຮູດ, ະໜ	 એ 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 ઇસી) 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 પ ટકા અર્કનુ દ્રાવણ ૫૦૦મીલી ૧૦ લી. પાણીમાં ભેળવી છંટકાવ કરવો. જો વધુ ઉપદ્રવ ફોય તો એસીટામાપીડ ૨૦ ટકા ૫ ગ્રામ/૧૦લી. અથવા દ્રાયગ્રેફોસ 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 છંટવી. શાકભાજીના પાકની રોપણી બાદ યુસીયા પ્રકારની જીવાતના નિયંત્રણ માટે દાણાદાર ફોરેટ ૧૦ જી છોડ દીઠ ૨ ગ્રામ મુજબ આપીને પીયત આપવુ. મરચીના પાકમાં વાઈરસના કારણે પીળા થઈ કુકડાઈ ગયેલ છોડ ઉપાડી જમીનમાં દાટી નાશ કરવો અને પ મીલી ઈમીડાક્લોપ્રાઈડ ૧૦ લીટર પાણીમાં ભેળવી છંટકાવ કરવો. રીંગણ અને ટમેટાના ફળ અને એને ડીકાની ઈયળોનો ઉપદ્રવ જણાયતો તોનુકશાન પામેલ ફળ અને ડોકાને દેચળોનો ઉપદ્રવ જણાયતો તોનુકશાન પામેલ ફળ અને ડોકાને તોડીને જમીનમા દાટી દેવા અને રીનાક્ષીપાયર દવા ૩મીલીદવા ૧૦ લીટર પાણીમાં ભેળવી છંટકાવ કરવો. રીંગણ અને ટમેટાના પાકમા ફળમાખીના નિયંત્રણ માટે એસીટેમાપીડ ૨૦ ટકા પગ્રામ દ્વા ૧૦ લીટર પાણીમાં ભેળવી છંટકાવ કરવો.
		શાકભાજી ને સમયસર ઉતારી ગ્રેડીંગ કરી બજારમાં મુકવા.
પશુપાલન	-	 ✤ પશુઓને યોગ્ય આહાર આપવો અને પશુઓના રહેઠાણ ⁻ યોખ્ખા રાખવા.
		🔹 માખી મચ્છરથી રક્ષણ માટે ફીનાઈલ છાટવુ.

💠 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.
✤ તાપમાન વધારે રઢેવાના કારણે પશુઓને દિવસના સમચે
છાયડામા રાખવા અને મિનરલ મીક્ષર્યુકત પીવાના સ્વચ્છ્
પાણીની વ્યવ્સ્થા કરવી અને દુધાળા પશુઓ ઉપર
દિવસમાં બે થી ત્રણ વખત ઠંડા પાણીનો છંટકાવ કરવો.

JUNAGADH

Phone: 0285-2670139

Date: - 29-05-2018

Significant weather for the preceding week

Rain fall (mm)	000.0
Maximum temperature ⁰ C	42.0 - 43.2
Minimum temperature ⁰ C	26.7 – 27.8
RH % (Morning/Afternoon)	82 - 25
Wind speed (Kmph)	7.8 – 8.9
Cloud cover	0 - 6

(Period from 30 May to 3 June 2018)

Weather forecast for Junagadh Dist. until 08:30 hrs of 03-06-2018

Parameters	Day-1 30-05-18	Day-2 31-05-18	Day-3 01-06-18	Day-4 02-06-18	Day-5 03-06-18
Rain fall (mm)	00	00	00	00	00
Maximum temperature ⁰ C	39	38	38	38	38
Minimum temperature ^o C	29	229	29	29	28

Cloud cover (Okta)	4	4	4	3	3
RH I % (Morning)	89	90	89	85	81
RH II % (After noon)	74	78	75	71	69
Wind speed (Km/h)	028	017	008	023	013
Wind direction(Deg)	264	248	227	197	239

Agro meteorological Advisories

General	Rain fall		There is forecasting no rainfall during next five	
Advice			day.	
	Temperature		Maximum and minimum temperature likely to	
			be in range of 38 - 39°C and 28 - 29°C,	
	RH (%)		respectively.	
			The Relative Humidity is likely to be in the	
	Wind Directio	n and	range of 90 – 69 %.	
	Wind Speed		Direction and speed of wind is likely to be S,	
			SW and W and 08 - 28 km/h, respectively.	
Сгор	Variety/	Stage	Agro met Advisories	
	Pest/Insect			
			\circ To cultivate deep in the soil summer season	
			so that diseases and pests are destroyed at	
			different stages by the direct sunlight.	
			\circ Compost, FYM fertilizers and gypsum filling	
			in the furrow as recommended.	
			 Prepare the soil for early monsoon seasoning and add organic fertilizers to the soil. 	
			\circ To get the supply of seeds, fertilizers and	
			insecticide, pesticide and fungicide according	
			to planning the farm for the next monsoon crops.	

Kharif	GG-20, 2,11,	Pre sowing	For pre-sowing of Kharif groundnut, prepare
Groundnut	5, 7, TG-26		 the soil for early monsoon seasoning and add organic fertilizers to the soil. If irrigation facility is available, than pre sowing of Kharif groundnut is done. For pre-sowing of Kharif groundnut select semi-spread GG.20 or erect GG.2, GG.5, GG.7 and TG-26 varieties. To give seed treatment with Thiram, Captan and Mencozeb @ 3 grams per kg of seeds before sowing of monsoon crops. Apply 54.3 kg/ha DAP, 6 kg/ha Urea and 500
Summer Groundnut	-	Maturity	 kg/ha Castor cake as basal dose. Postponed the irrigation at the time of maturity. If irrigation is applied at the time of pod maturity, yield is reduced and also affect the quality of pod.
Summer sesame	-	Maturity	Harvesting operation should be carried out at physiological maturity stage.
Summer green gram	-	Pod Maturity	Harvesting operation should be carried out at maturity stage.
Summer black gram	-	Pod Maturity	Harvesting operation should be carried out at maturity stage.
Mango	-	Maturity	 To give irrigation of small plant for 7 to 8 days and adult tree at least once a month. Send mango fruit at physiological maturity stage to the market after harvesting and often grading.
Vegetable crops	-	Sowing/ Flowering/ Fruiting	For the control of leaf webber in fruit leafy vegetable, sowing of trap crop (castor and 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. 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 ml 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. 	
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fruit fly, spray acetemaprid 5.0 ml in 10 lit of water.	10 lit of water.
water.	\succ In brinjal and tomato crops, for the control of
	fruit fly, spray acetemaprid 5.0 ml in 10 lit of
Keep vegetable crop weed free, apply	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.
		 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. Under present weather condition keep animals under shade or in sheds during noon bours provide plenty of cool water mixed
		hours, provide plenty of cool water mixed with minerals for drinking and shower the animals with cold water two to three times in a day.

PORBANDAR

Phone: 0285-2670139 Date: - 29

(Period from 30 May to 03 June 2018)

Weather forecast for Porbandar Dist. until 08:30 hrs of 03-06-2018

Parameters	Day-1	Day-2	Day-3	Day-4	Day-5
	30-05-18	31-05-18	01-06-18	02-06-18	03-06-18
Rain fall (mm)	00	00	00	00	00
Maximum temperature ⁰ C	36	35	35	35	35
Minimum temperature ^o C	29	29	29	29	29
Cloud cover (Okta)	4	4	3	3	4

RH I % (Morning) 88		89	89	83	80		
RH II % (After noon)67		67	65	59	58		
Wind speed (Km/h) 021		015	006	021	010		
Wind dire	ction(Deg)	259	243	218	183	232	
		Agro meteor	ological Ad	<u>visories</u>	I		
General	General Rain fall			There is forecasting no rainfall during next five			
Advice	Advice			days.			
	Temperature	2	Maximun	Maximum and minimum temperature likely to			
			be in ran	be in range of 35 - 36°C and 29°C, respectively.			
	RH (%)		The Rela	tive Humidi	ty is likely	to be in the	
				range of 89 – 58 %.			
	Wind Direction and			Direction and speed of wind is likely to be S,			
Wind Speed			SW and W and 06 - 21 km/h, respectively.				
Сгор	Variety/	Stage		Agro me	t Advisorie	S	
	Pest / Insect						
	insect		o To cultiv	vate deep in	the soil su	ummer season	
			so that	diseases and	d pests are	destroyed at	
			different stages by the direct sunlight.				
				 Compost, FYM fertilizers and gypsum filling in the furrow as recommended. 			
			-	the soil for organic ferti	•	oon seasoning e soil.	
			insectici	de, pesticide	and fungi	fertilizers and cide according next monsoon	
Kharif	GG-20,	Pre sowing	≻ For pre	-sowing of K	harif grour	ndnut, prepare	
Groundnut	2,11, 5, 7,			•		oning and add	
	TG-26		-	fertilizers to		ble, than pre	
			•	of Kharif grou		•	

			 For pre-sowing of Kharif groundnut select semi-spread GG.20 or erect GG.2, GG.5, GG.7 and TG-26 varieties. To give seed treatment with Thiram, Captan
			and Mencozeb @ 3 grams per kg of seeds
			 before sowing of monsoon crops. Apply 54.3 kg/ha DAP, 6 kg/ha Urea and 500
			kg/ha Castor cake as basal dose.
Summer Groundnut	-	Maturity	Postponed the irrigation at the time of maturity. If irrigation is applied at the time of pod maturity, yield is reduced and also affect the quality of pod.
Summer	-	Maturity	Harvesting operation should be carried out at
sesame			physiological maturity stage.
Summer	-	Pod Maturity	Harvesting operation should be carried out at
green gram			maturity stage.
Summer	-	Pod Maturity	Harvesting operation should be carried out at
black gram			maturity stage.
Mango	-	Maturity	To give irrigation of small plant for 7 to 8 days
			and adult tree at least once a month.
			Send mango fruit at physiological maturity
			stage to the market after harvesting and
			often grading.
Vegetable	-	Sowing/	➤ For the control of leaf webber in fruit leafy
crops		Flowering/ Fruiting	vegetable, sowing of trap crop (castor and
			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

	1	
		or neem oil 40 ml and acetamiprid 20 % SP@
		5.0 gm / 10 lit of water at 15 days interval.
		\succ 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.
		\succ 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.
		\succ 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.
		\succ Spray phenyl in the animal shed to avoid flies

and mosquitoes.
\succ 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.
Under present weather condition keep
animals under shade or in sheds during noon
hours, provide plenty of cool water mixed
with minerals for drinking and shower the
animals with cold water two to three times in
a day.