સંશોધન વૈજ્ઞાનિક(કપાસ)ની કચેરી મુખ્ય કપાસ સંશોધન કેન્દ્ર **નવસારી કૃષિ યુનિવર્સિટી** અઠવા ફાર્મ, સુરત–૭



NAVSARI AGRICULTURAL UNIVERSITY

સ્વયંભૂ જાહેર કરાયેલી માહિતી (પ્રો–એકટીવ ડીસ્કલોઝર) પરિચય ગ્રંથ

માહિતી અધિકાર અધિનિયમ–૨૦૦૫ પ્રકરણ–૨, કલમ–૪(૧)(ખ)

તા.૦૧.૦૫.૨૦૨૫ની સ્થિતિ

માહિતીનોઅધિકારઅનેજાહેર સત્તામંડળોની જવાબદારીઓ કલમ–૪(૧)ખ (પ્રોએકટીવ ડીસ્કલોઝર)

(٩)	પોતાન	ા વ્યવસ્થાતંત્ર, કાર્યો અને ફરજોની વિગતો ;					
	(٩)	નવસારી કૃષિ યુનિવરિ	ર્યટીમાં સમાવેશ સ	ાત જીલ્લાઓના કપાસનાં ખેડૂતોની જરૂરીયાત મુજબની સંશોધનની			
		કામગીરી, તેનું સંકલન અને ખેડુતોના પ્રશ્નોનાં નિરાકરણની કામગીરી					
	(૨)	ગુજરાત રાજયમાં આવ	વેલ તમામ કપાસ	સંશોધન કેન્દ્રોની કામગીરીઓનું આયોજન, સંકલન, માર્ગદશર્ન અને			
		મોનીટરીંગ તેમજ રાષ્ટ્રીય કક્ષાએ આ પ્રકારની કામગીરીનું સંકલનઅનેતેનો અહેવાલ રજુ કરવો					
	(S)	રાજય સરકારશ્રી, કેન્દ્ર	સરકારશ્રી અને અ	મુક ખાનગી સંસ્થાઓને વિવિધ સંશોધન યોજનાઓની દરખાસ્તો તૈયાર			
		કરી યોજનાઓ મંજુર ક	રાવવાની તમામ પ્રક	કારની પ્રવૃતિઓ			
	(४)	યુનિટ હેઠળ ચાલતી વિ	ોવિધ આઈસીએઅ	ાર, પ્લાન, નોન પ્લાન સંશોધન યોજનાઓ તથા તેમાં ફરજ બજાવતા			
		અધિકારી, કર્મચારીઓન	<u>ને વહિવટી, હિસાર્બ</u>	<u> અને તાંત્રિક બાબતોનું માર્ગદર્શન</u>			
	(પ)	સંશોધન ફામ ખાતે જાહે	ર માળખાકીય સવ	લતો અનેતેનાં રેકર્ડની જાળવણી			
	(۶)	નવસારી કૃષિ યુનિવરિ	ોટી, નવસારી કચે	રીનાં માર્ગદર્શન મુજબ મેગાસીડ પ્રોજેકટ હેઠળ બીયારણ ઉત્પાદન			
		અનેવેચાણ					
(૨)	પોતાન	<u>ા અધિકારીઓઅને કર્મચ</u>	ારીઓની સત્તા અને	ો ફરજો;			
	ક્રમ	આધકારીશ્રી/ક્રમચારી	સત્તા	क् रथ			
		્શ્રીનુનામ્					
	9	ડા. અમ.સા.પટલ	● ગુજરાત ગજરાતી હો	• મુખ્ય કપાસ સંશોધન કેન્દ્ર, સુરત કચેરીનો સમગ્ર વહીવટ,			
		સશાધન વજ્ઞાાનક	રાજયના કૃાષ યનિવર્મિટીનાં	સંશોધન અને માગંદશેન તથા નિરીક્ષણની કામગીરી			
		(કપાસ)	ુત વ્યાહત થ સત્તા સોંપણીના	• આઈસીએઆર, સીઆઈસીઆર અને સ્ટેટ ડીપાર્ટમેન્ટ ઓફ			
		બ.સ.૨૦૦૯	નિયમો–૨૦૧૧	એગ્રીકલ્ચર સાથે ગુજરાત રાજયના કપાસ સંશોધન અને			
			અંતર્ગત મુખ્ય	વિસ્તરણનું રાજય/રાષ્ટ્રીય કક્ષાએ સંકલન કરવું.			
			કપાસ સશાધન ટે ત ગુરુષ મારો	• ગુજરાત રાજયની જુદી જુદી કૃષિ યુનિવર્સિટીનાં કપાસ સંશોધન			
			કન્દ્ર, સુરત ખાત હેડ ઓક યનિટ	કેન્દ્રો સાથે કપાસ સંશોધન અને વિસ્તરણનું સંકલન કરવું/			
			તરીકે વહીવટી	મોનીટરીંગ કરવુ અને સંકલિત સંશોધન અહેવાલ તૈયાર કરવા.			
			અને નાણાંકીય	● જાહેર માહિતી અધિકારી તરીકેની કામગીરી			
			સત્તાઓનો	• ગુજરાત રાજયનાં કપાસ ઉગાડતાં જીલ્લાંઓમાં ટેકનોલોજીનો			
			હવાલા	પ્રચાર/ પ્રસાર કરવો અને કપાસ પાકનો સ્ટેટ એગ્રીકલ્ચર પ્લાન			
			● અત્રના યુાનટના જાહેર માહિની	તૈયાર કરાવવો.			
			અધિકારી તરીકેનો	● કપાસનાં ખેડુતો માટે તાલીમ અને નિદર્શન આયોજન કરવા			
			હવાલો	● ફાર્મ અનેકેમ્પસ ડેવલપમેન્ટની કામગીરી			
			● કપાસની	● વિદ્યાર્થીઓ/ મલાકાતીઓને માર્ગદર્શનની કામગીરી તમામ			
			આઈસીએઆર	બજેટનાં ઓડિટની કામગીરી			
			યોજનાની	● મેમ્બર સેક્રેટરી તરીકે NAU IBSCની કામગીરી			
			સશાવન અન વહીવટની	• કપાસ સંશોધન કેન્દ્ર સગ્તનાં તાલા હેઠળનાં દસ્તાવેજી પગવાની			
			-હાન્ડ હ કામગીરી	• ૩ મારા સસાચના કાંગ્ર, સુરાતના લાગા હઇગાના ઇસ્લાચ ઠા યુરાચાના જાળવાગી			
			● જુદી જુદી	01-1-51			
			સમિતીઓમાં જે				
			તે ઓથોરીટી દ્વારા				
			સભ્ય તરીકેની				
	<u> </u>	ໄປ ເປັນປີ ເພື່ອນອ	ા કામગારા નીઝ				
	^२	ຸ ນ. ແ. ແຍບ ມເເ ມ່າໄດ້	าแจ	• રાગસાસ્ત્ર અખતરાઆના કામગારા અને રાપોટાંગ			
		૧૦૦. જારાા. પરાા.		∣ ● સશાઘન ફામ ખાત રાંગ નિયત્રણ અગે માગદશન અને સુપરવીઝન ∣			



core

	(પેથોલોજી)		• દક્ષિણ ગુજરાતના દરેક જિલ્લાંઓમાં કપાસના રોગનો સર્વે અને
	બ.સ. ૨૦૦૯		અઠવાાડક સલાહ / માગદશન માકલવાના કામગારા
			● દાક્ષણ ગુજરાત ાજલ્લાઆના કપાસના પાકમા જાવાતાના સવ અન અઠવાડિક સલાહકીય કામગીરીમાં મદદ
			• હવામાનનાં ડેટા કંપાઈલેશનની કામગીરી અનેતેની દેખરેખ
			● પીજી વિદ્યાર્થીઓને માર્ગદર્શનની કામગીરી
			● પાક યોજના, ટેકનીકલ પ્રોગ્રામ કંપાઈલેશનની કામગીરી
			● ફાર્મ ઉપર લેવામાં આવતાં તમામ પાકોમાં રોગ નિયંત્રણ અંગે મોનીટરીંગ અને દવાની ભલામણ
3	ર્ડા. હિતેશ રામાણી મદદ. સંશો. વૈજ્ઞા.	નીલ	 બાયોકેમેસ્ટ્રી, કેમેસ્ટ્રી અને ફીઝીયોલોજી વિભાગનાં એઆઈસીઆરપી અને વિભાગીય અખતરાઓની કામગીરી
	(બાયો.કેમ.) બ.સ. ૨૦૦૯		 કપાસ સંશોધન કેન્દ્રનાં કેન્દ્રીય સ્ટોર એસ–રના વહીવટની વધારાની જવાબદારી
			 સંશોધન કેન્દ્રનાં વિવિધ પ્લોટની જમીનનું પૃથ્થકરણની કામગીરી
			• પાજા ાવઘાયાઆન માગદશન
			● સંશાધન કન્દ્ર ખાત પાજા વિદ્યાર્થાઓ અને સંશાધન અખતરાઓના નમુનાઓનું પૃથ્થકરણની કામગીરી
			 બાયોકેમેસ્ટ્રી, બાયોકેમેસ્ટ્રી લેબનાં મેઈન્ટેનન્સ અને પૃથ્થકરણની કામગીરી
			● સ્થાનિક ખરીદ સમિતીનાં સભ્ય તરીકેની કામગીરી
			● કપાસ સંશોધન કેન્દ્ર ખાતે GeM ખરીદીની કામગીરી
			• ડીપ્લોમા અને સ્નાતક વિદ્યાર્થીઓને ભણાવવાની કામગીરી
8	ર્ડા. આર.ડી.પટેલ મદદ. સંશો. વૈજ્ઞા. (કીટકશાસ્ત્ર)	નીલ	 એઆઈસીઆરપી – એન્ટોમોલોજી પ્રોજેકટની કામગીરી તથા સ્ટેટ ટ્રાયલ પ્રોજેકટ/ અધર એજન્સીને લગતાં અખતરાઓની તમામ પ્રકારની કામગીરીમાં મદદ
	બે.સ. ૨૦૦૯		 વિભાગીય વડાશ્રીની સુચનામુજબ ફાર્મ ઉપર લેવામાં આવતાં તમામ પાકોમાં કિટ નિયંત્રણ અંગે મોનીટરીંગ અને દવાની
			ભલામહા ● પોલીટેકનીક ઈન એગ્રીકલ્ચર, નકૃયુ, વ્યારા ખાતે એન્ટોમોલોજી વિષયોની શૈક્ષણિક કામગીરી
			● દક્ષિણ ગુજરાત જિલ્લાંઓનાં કપાસનાં પાકમાં જીવાતોનો સર્વે અને અઠવાડિક સલાહકીય કામગીરીમાં મદદ
			• ઝોનલ અનેનેશનલ ટ્રાયલનાં અવલોકનો
			● એનએફએસએમ–આઈઆરએમના એફએલડી અંતર્ગત ડીસ્ટ્રીકટ કો–ઓર્ડીનેટર તરીકેની કામગીરી
			• પીજી વિદ્યાર્થીઓને માર્ગદર્શનની કામગીરી
પ	ડો. કે.બી.સાંકટ	નીલ	● એગ્રોનોમી વિભાગના અખતરાઓની કામગીરી
	મદદ. સંશો. વૈજ્ઞા. (એગ્રી.ઈકો)		●તાંત્રિક શાખાના ટેકનીકલ પત્ર વ્યવહાર અને વિવિધ રીપોર્ટ કંપાઈલેશન કામગીરી
	બ.સ.૨૦૦૯		 પાક યોજના, ટેકનીકલ પ્રોગ્રામ અને પ્રવાસ ડાયરીની મંજુરી પૂર્વે ચકાસણીની કામગીરી
			● કપાસનાં બ્રીડર સીડનું આયોજન અનેવહેંચણી





			 બ્રીડર ટેગની ફાળવણી અને રજીસ્ટરની જાળવણી મોનીટરીંગ ટીમ, મુલાકાતીઓ, તાલીમાર્થીઓની વ્યવસ્થા ટીવી ટોક, રેડીયો ટોક તથા વિવિધ કાર્યક્રમોમાં વ્યાખ્યાન કેન્દ્રની મુલાકાતે આવતા ખેડુતો, વિદ્યાર્થીઓ તથા વિસ્તરણ અધિકારીઓને માહિતી આપવાની કામગીરી કેન્દ્રખાતે આવતાં સ્નાતક અને અનુસ્નાતક કક્ષાનાં વિદ્યાર્થીઓ માટે તાલીમનું આયોજન કેન્દ્ર દ્વારા આયોજીત ટેકનીકલ મીટીંગની વ્યવસ્થાઅને કાર્યક્રમ તૈયાર કરવાની કામગીરી સંશોધન માટે જરૂરી બીજની વ્યવસ્થા, ચકાસણી માટેની જાતોની બીજોનું કોડીંગ તથા ડીકોરીંગની કામગીરી અધર એજન્સી પ્રોજેકટસની ગ્રાન્ટની ફાળવણી ભલામણ થયેલ ટેકનોલોજીનાં ખેડુતોનાં ખેતર પર નિદર્શન પ્લોટની ગોઠવણી કૃષિમેળો, ખેડુત દિન, ખેડુત શિબિર, ખેડુત સેમીનાર વિગેરેમાં ખેડુતોને માર્ગદર્શન આપવાની કામગીરી
			● વિશ્વ કપાસ દિવસ, મહિલા ખેડુત દિન, વનમહોત્સવ જેવાં ઉત્સવોની ઉજવણીનું આયોજન ● યુનિવર્સિટી વેબસાઈટ પર માહિતી અદ્યતન કરવાની કામગીરી
Ş	શ્રી વી.કે.વેકરીયા મદદ. સંશો. વૈજ્ઞા. (બાયો–કેમ) બ.સ. ૨૦૦૯	નીલ	 બાયોકેમેસ્ટ્રી, કેમેસ્ટ્રી અને ફીઝીયોલોજી વિભાગનાં વડા તરીકેની કામગીરી તથા અખતરાઓની કામગીરી સંશોધન કેન્દ્રનાં વિવિધ પ્લોટની જમીનનું પૃથ્થકરણની કામગીરી જીીટીસી બિલ્ડીંગ અને ફાર્મનાં સીસીટીવી મોનીટરીંગ અને મેઈન્ટેનન્સ PM GATI SHAKTI GUJARATમાં કામગીરી
			• ફાર્મ ડેવલપમેન્ટની કામગીરીમાં મદદ • ગેસ્ટ હાઉસને લગતી કામગીરી • ખરીદ કમિટીનાં મેમ્બર તરીકેની કામગીરી • સિકયુરીટી સર્વિસીસનાં કન્સાઈની તરીકેની કામગીરી • યુનિવર્સિટીની વિવિધ કોલેજો ખાતે બાયોકેમેસ્ટ્રી વિષયની શૈક્ષણિક પ્રાપ્તીની
9	શ્રી કે.કે.લાડ ખેતીવાડી નિરીક્ષક બ.સ.૨૦૦૯	નીલ	 સેન્ટ્રલ સ્ટોર વિભાગએસ–રની તમામ કામગીરી, એસ–ર તથા ફાર્મ વિભાગનાં તમામ ડેડસ્ટોકની જાળવણી બિયારણ વેચાણ વ્યવસ્થાપનની કામગીરી તમામ વિભાગનાં ડેડસ્ટોક સાધનો હરાજીથી નિકાલથી વ્યવસ્થાની કામગીરી લાઈટબીલ રજીસ્ટર નિભાવવાની કામગીરી ફાર્મ વિભાગનાં તમામ ખનીજ તેલને લગતાં રજીસ્ટરો નિભાવવાની કામગીરી સીકયુરીટી ફાઈલની કામગીરી પાવર પ્લાન્ટ રજીસ્ટર લગતી કામગીરી





٢	ર્ડા. પ્રકાશ એસ.પટેલ	નીલ	● ફાર્મ મેનેજર તરીકેની કામગીરી
	મદદનીશ સંશોધન		●ફાર્મ ઉપર થતાં તમામ પાકોમાં નિંદામણ નિયંત્રણ માટે તેમજ
	વૈજ્ઞાનિક		પિયત માટે માર્ગદર્શન
	બ.સ. ૫૦૦૯		● ફાર્મ અનેકેમ્પસ ડેવલપમેન્ટની કામગીરીમાં તેમજ ખરીદ
			કામગીરીમાં કપાસ સિવાયનાં અન્ય બીજ ઉત્પાદન પ્લોટોની દેખરેખ તથા કાપણી અને બીજ ઉત્પાદન સુધીની કામગીરી
			● એગ્રોનોમી વિભાગના અખતરાઓની કામગીરી
			● પીજી વિદ્યાર્થીઓને માર્ગદર્શનની કામગીરી
			● કપાસ કેન્દ્રની જમીન તેમજ લેબર કોર્ટ, માલ–મિલ્કતને લગતાં
			પ્રશ્નો અને પત્ર વ્યવહારની કામગીરી
હ	શ્રી આર. બી. ટર્નર	નીલ	● અત્રેના કેન્દ્રનીએસ–૧ વિભાગની તમામ કામગીરી
	ખેતી નિરીક્ષક		● એગ્રોનોમી વિભાગનાં રાજય કક્ષાનાં અખતરાની કામગીરીમાં મદદ
	બ.સ.૫૦૦૯		● કચેરી ફાર્મનાં તમામ વાહનોનાં વીમા અને આરટીઓની કામગીરી
			● દેશી વિભાગનાં ડેડસ્ટોકને લગતી કામગીરી
			●દેશી તથા સંકર કપાસ વિભાગનાં અખતરાઓની પાક યોજના
			તેમજ સોઈંગ લીસ્ટ બનાવવું.
			● દરેક અખતરાઓમાં સમયાનુસારખેતીકાર્યોની કામગીરી
			● દેશી વિભાગનાં લેબર મસ્ટરની કામગીરી
			● અખતરાના રેકર્ડ નિભાવવાની કામગીરી
			● મજુરોનું સુપરવીઝનની કામગીરી
			• એગ્રસ્કો–એઆઈસીસીઆઈપી રીપોર્ટની કામગીરીમાં મદદ
٩0	શ્રી ભાવેશ	નીલ	• સાયટોલોજી વિભાગનાં ડેડસ્ટોકને લગતી કામગીરી
	એચ.ગજેરા		● સાયટોલોજી વિભાગનાં મજુરોનાં મસ્ટરની કામગીરી તથા મજુરોનું
	ખેતી નિરીક્ષક		સુપરવીઝનની કામગીરી
	બ.સ.૫૦૦૯		● દરેક અખતરાઓમાં સમયાનુસાર ખેતી કાર્યોની કામગીરી
99	શ્રી હેતલ આર.પટેલ	નીલ	• સંશોધન વૈજ્ઞાનિક, ફળ સંશોધન કેન્દ્ર, નકૃયુ, ગણદેવી ખાતે ફરજ
	ખેતી નિરીક્ષક		બજાવેછે.
	બ.સ.૫૦૦૯	0.41	
૧૨	શ્રા ડા. ક. છાડવાડયા ખેત્રી મુદ્દનીબ	નાલ	● બીજ ઉત્પાદનને લગતી ક્ષેત્રીય તમામ કામગોરી તેમજ તેને લગતી ડાઈઓ વિચારની
	પતા મદદગારા બ સ પ૦૦૯		રાઇલા નિલ્માવવા
			• બાજ ઉત્પાદનન લગતા તમામ રજાસ્ટરા ાન(માવવા
			• $\operatorname{J}_{\mathcal{A}}$ = $\operatorname{J}_{\mathcal{A}$
			● ફામ ાવભાગના રાજમળ, ખાતાવહા, ઉત્પાદન રજાસ્ટરના નિભાવશી
			● સોઈંગ લીસ્ટ અને પાક યોજના તૈયાર કરવી
			● હિસ્ટ્રી સીટને લગતી કામગીરી
			● ટ્રેકટરો અને વાહનોની રીપેરીંગની ફાળવણી અનેદેખરેખ
			● બળદ અનેતેનો ચારો તેમજ ખાણદાણની નિભાવણીની કામગીરી
		-	● ફાર્મ વિભાગનાં તમામ વ્યવહારોની કામગીરી
૧૩	નીકીતા એસ્.ડાભી	નીલ	• તાંત્રિક શાખામાં પત્ર વ્યવહાર તથા તેને લગતી ફાઈલોની જાળવણી
	ખેતી મદદનીશ		● તાંત્રિક શાખાની મંજુરી રજીસ્ટર નિભાવઅને જાળવણી
	બ.સ. ૫૦૦૯		• કચેરીનાં વાહનોની લોગબુક તથા ફાસ્ટટેગ રજીસ્ટર નિભાવવાની કામગીરી



			● પ્રવાસ ડાયરી મંજુરી અંગેની કામગીરી
			● પાક યોજના મંજુરી અંગેની કામગીરી
			● તાંત્રિક શાખા તથા લાઈબ્રેરીનાં ડેડસ્ટોક અને તેને લગતા રજીસ્ટર નિભાવવાની કામગીરી
			● ડેડસ્ટોક તથા ઈલેકટ્રોનીક સાધનો રીપેરીંગનાં રજીસ્ટર નિભાવવાની કામગીરી
			● એગ્રોનોમી વિભાગનાં મજુરોનાં મસ્ટરની કામગીરી તથા મજુરોનાં સપરવીઝનની કામગીરી
			• એગ્રોનોમી વિભાગનાં એઆઈસીઆરપી અખતરાઓની કામગીરી
			 એગ્રોનોમી વિભાગનાં અખતરાઓનાં લે–આઉટ, પાક યોજના તેમજ સોઈંગ લીસ્ટ બનાવવું
			● દરેક અખતરાઓમાં સમયાનુસાર ખેતીકાર્યોની કામગીરી અને અખતરાના રેકર્ડ નિભાવવાની કામગીરી
			● એગ્રોનોમી વિભાગનાં રોજમેળ, ખાતાવહી, ઉત્પાદન રજીસ્ટરની નિભાવણી
૧૪	ભાવના જે. મેવાડા	નીલ	● કેમેસ્ટ્રી/ ફીઝીયોલોજી વિભાગનાં ડેડસ્ટોકને લગતી કામગીરી
	ખેતી મદદનીશ		• કેમેસ્ટ્રી/ ફીઝીયોલોજી વિભાગનાં અખતરાઓનાં લે–આઉટ, પાક
	બ.સ.પ૦૦૯		યોજના તેમજ સોઈંગ લીસ્ટ બનાવવું.
			 કેમેસ્ટ્રી/ ફીઝીયોલોજી વિભાગનાં મજુરોનાં મસ્ટરની કામગીરી તથા મજરોનં સપરવીઝનની કામગીરી
			• દરેક અખતરાઓમાં સમયાનસાર ખેતીકાર્યોની કામગીરી
			● અખતરાઓ તેમજ લેબમાં અવલોકનો લેવામાં મદદ
			● ઈન્ડો–અમેરીકન વિભાગનાં મજરોનાં મસ્ટરની કામગીરી તથા
			મજુરોનું સુપરવીઝનની કામગીરી
			● દરેક અખતરાઓમાં સમયાનુસાર ખેતી કાર્યોની કામગીરી
			● ઈન્ડો–અમેરીકન વિભાગનાં ડેડસ્ટોક, સ્ટોર લેજર જનર્લ નિભાવવાને લગતી કામગીરી
			● ઈન્ડો–અમેરીકન વિભાગનાં તથા સાયટોલોજી વિભાગનાં અખતરાઓનાં લે–આઉટ, પાક યોજના તેમજ સોઈંગ લીસ્ટ બનાવવં.
			● એગ્રસ્કો–એઆઈસીસીઆઈપી રીપોર્ટ/ રીલીઝડ પ્રપોઝલની કામગીરીમાં મદદ
			● સાયટોલોજીવિભાગનાં પેડીગ્રી રજીસ્ટરની જાળવણી
			●દરેક અખતરાઓમાં સમયાનુસાર અવલોકન તથા ડેટા એનાલીસીસની કામગીરી
			● તંતુ ચકાસણી માટે નમુના તૈયાર કરવાની કામગીરી
૧૫	દિપાલી એમ.બડવા	નીલ	•સંકર કપાસ વિભાગનાં મજુરોનાં મસ્ટરની કામગીરી તથા
	ખેતી મદદનીશ		મજુરોનાં સુપરવીઝનની કામગીરી
	બ.સ.૫૦૦૯		● સંકર કપાસ વિભાગનાં ડેડસ્ટોકને લગતી કામગીરી
			● સંકર કપાસ વિભાગનાં અખતરાઓનાં લે–આઉટ, પાક યોજના તેમજ સોઈંગ લીસ્ટ બનાવવું.
			● મજુરોનું સુપરવીઝનની કામ [ં] ગીરી



			● દરેક અખતરાઓમાં સમયાનુસાર ખેતીકાર્યોની કામગીરી
			● દેશી વિભાગમાં ખેતી મદદનીશ તરીકે વધારાની કામગીરી
१۶	જીજ્ઞાશા એસ.ગોહિલ	નીલ	● કીટકશાસ્ત્ર વિભાગનાં મજુરોનાં મસ્ટરની કામગીરી તથા મજુરોનું સુપરવીઝનની કામગીરી
	ખેતી મદદનીશ		● દરેક અખતરાઓમાં સમયાનુસાર ખેતીકાર્યોની કામગીરી
	બ.સ.૫૦૦૯		● ડેડસ્ટોકને લગતી કામગીરી, પાક યોજનાની કામગીરી
			● કીટકશાસ્ત્ર વિભાગનાં ડેડસ્ટોકને લગતી કામગીરી
			● કીટકશાસ્ત્ર વિભાગનાં અખતરાઓનાં લે–આઉટ, પાક યોજના તેમજ સોઈંગ લીસ્ટ બનાવવું
			● દરેક અખતરાઓમાં સમયાનુસાર ખેતીકાર્યોની કામગીરી
			● લેબ કામગીરીમાં મદદ
ঀ৩	જીીજ્ઞેશ કે.ભરડા	નીલ	• મકાન રજીસ્ટર તથા ફાર્મનાં તમામ પ્લોટોની દેખરેખની કામગીરી
	ખેતી મદદનીશ		● કવાટર્સ તથા ગેસ્ટ હાઉસની કામગીરી
	બ.સ.૫૦૦૯		● ફાર્મના લેબર મસ્ટરની કામગીરી, નહેરને લગતી તમામ કામગીરી
			● વેધશાળાનાં અવલોકનની કામગીરી
१८	શ્રી કે.એ.ધામેશા	નીલ	● કેશીયર તરીકેની કામગીરી
	સીનીયરકલાર્ક		● બેંકને લગતી તમામ કામગીરી
	બ.સ.૫૦૦૯		● ડેડસ્ટોકને લગતી તમામ કામગીરી
૧૯	શ્રી એસ.બી.ચૌધરી 	નીલ	● અસ્પી શકીલમ બાયોટેકનોલોજી ઈન્સ્ટીટયુટ, નકૃયુ, સુરતખાતે ફરજ બજાવેછે.
૨૦	શ્રીમતી જે.એચ્.પટેલ	નીલ	• વહીવટને લગતી સંપૂર્ણ કામગીરી
	સીનીયર કલાર્ક		●કવાર્ટર ફાળવણી, ખાનગી અહેવાલો, JRF/SRF ની ભરતી
	બ.સ.૫૦૦૯		પ્રક્રિયામાં મદદ
			● અંદાજીત બજેટ બનાવવાની કામગીરી
			● PFMSને લગતી કામગીરી
			● ઓડિટ અંગેની કામગીરી
			● કેન્દ્રોનાં જાહેર માલ–મિલ્કતનાં લાઈટબીલ, વેરાબીલનાં રજીસ્ટરની કામગીરી
			●વહીવટી/ હિસાબી શાખાની ખરીદી અને તેને લગતા મંજુરી ૨જીસ્ટર
			● GeM મારફત ખરીદી મંજુરીની કામગીરી
૨૧	કુ.હિરલ ટાંક	નીલ	● પગાર બીલ
	જુ.કલાકે		● પી.એફ. દરેક પેશગી રજીસ્ટરો નિભાવવાની કામગીરી
	બ.સ.પ૦૦૯		● ઈનવર્ડ, આઉટવર્ડ, સ્ટેશનરી
			● ટીએબીલ
૨૨	મિતુલ પી.અવૈયા	નીલ	● પેડીસી/ એનપીડીસી બીલને લગતી સંપૂર્ણ કામગીરી
	જુ.કલાકે બ.સ.પ૦૦૯		● ટેકનીકલ સંવર્ગના પ્રોટેકટીવ વેર્સ તથા વર્ગ−૪ના ગણવેશને લગતી કામગીરી
			● તમામ યોજનાના બજેટોની કામગીરી/AUC
			● આઈ.ટી./ પી.ટી.ને લગતી સંપૂર્ણ કામગીરી



२उ	શ્રી બી.બી.ચૌધરી પટાવાળા	નીલ	 કીટકશાસ્ત્ર/ રોગશાસ્ત્ર શાખામાં પટાવાળા તરીકેની કામગીરી અને કીટકશાસ્ત્ર પ્રયોગશાળામાં ચાલતી કામગીરીઓમાં મદદ
૨૪	બ.સ.પ૦૦૯ શ્રી પી.જી.સોનેરી લેબ બોય	નીલ	● કેમેસ્ટ્રી વિભાગમાં જમીન તથા છોડનાં નમુનાના પુથ્થકરણની કામગીરીમાં મદદ
રપ	બ.સ.પ૦૦૯ શ્રી ડી.બી.પટેલ ટ્રેકટર ડ્રાયવર બ સ પ૦૦૯	નીલ	● ટ્રેકટર તથા ડ્રાયવર તરીકેની કામગીરી
25	પ.સ. ૧૦૦૯ ડો. જી.ઓ.ફલ્દુ સહ સંશો. વૈજ્ઞા. (સંકર કપાસ) બ.સ. ૫૦૦૯	નીલ	 સંકર કપાસ વિભાગ તથા દેશી કપાસ વિભાગના વિભાગીય વડા તરીકેની કામગીરી સંકર કપાસ તથા દેશી કપાસ વિભાગના અખતરાઓની સંપુર્જા કામગીરી કપાસના બીયારણ પ્લોટોમાં રોગીંગ અને મોનીટરીંગની કામગીરી કપાસની બહાર પાડેલ સંકર જાતોના માતૃપિતૃ બીજ તૈયાર કરાવવાની કામગીરી કપાસનાં સીડ પ્રોડકશન પ્લોટ (માતૃબીજ) ની કામગીરી કપાસનીવિવિધ જાતોની નર્સરીની જાળવણી બીટી કપાસની જાતોની ચકાસણી કપાસનાં સંકર જાતો વિકસાવવાની કામગીરી દેશી કપાસનાં અખતરાઓની કામગીરી દેશી કપાસનાં જર્મપ્લાઝમની જાળવણી તુવેરનાં સીડ પ્રોડકશન પ્લોટની કામગીરી મ્યુઝીયમની જાળવણી અને તેનાં અઘતનની કામગીરી કૃષિ પ્રદર્શન માટે અઘતન સામગ્રી તેયાર કરવાની કામગીરી કપાસનાં વાર્ષિક રીપોર્ટ કંપાઈલેશનની કામગીરી
	אורה בובנב נג	Der 1	● કપાસના અખતરા ફામ્યુલશનના કામગારા ● પીજી વિદ્યાર્થીઓને માર્ગદર્શનની કામગીરી
~9	ડા. ખવ.આર.ઠસાઇ સહ સંશોધન વૈજ્ઞાનિક (કિટકશાસ્ત્ર) બ.સ.૧૨૦૦૯	વાલ	 પાક સરક્ષણ ાવભાગના ાવભાગાય વડા તરાક કામગારા કીટકશાસ્ત્ર વિભાગનાં બ.સ.૧૨૦૦૯ મલ્ટી ડીસીપ્લીનરી અખતરાઓની કામગીરી મદદનીશ જાહેર માહિતી અધિકારી તરીકેની કામગીરી સંશોધન ફાર્મ ખાતે કીટ નિયંત્રણ અંગે માર્ગદર્શન અને સુપરવીઝનની કામગીરી એગ્રો એડવાઈઝરી અન્વયે કીટ નિયંત્રણ માટે એડવાઈઝરી અધર એજન્સી પ્રોજેકટની કીટકશાસ્ત્રને લગતી કામગીરી (એનએફએસએમ–આઈઆરએમ, બીઆરએલ–૧–બાયોસીડ પ્રોજેકટ, આઈસીએઆર,ડીએજી બીટી, એસએય બીટી પ્રોજેકટ) પીજી વિદ્યાર્થીઓ/ મુલાકાતીઓને માર્ગદર્શનની કામગીરી આઈ–કિસાન સેલ હેઠળ કપાસ પાકનાં જીવાતનાં પ્રશ્નો બાબત સલાહ
૨૮	ડો. એમ.એમ.પટેલ સહ સંશોધન	નીલ	● ફાર્મનાં વડાશ્રી તથા એગ્રોનોમી વિભાગનાં વડા તરીકેની કામગીરી ● એનએફએસએમ પ્રોજેકટ અંતર્ગત પ્રોજેકટ કોઓર્ડીનેટર તરીકેની



core

	વૈજ્ઞા.(એગ્રોનોમી)		કામગીરી
	બ.સ.૧૨૦૦૯		● પીજી વિદ્યાર્થીના માર્ગદર્શનની કામગીરી
			● ઉપાડ અને ચુકવણા અધિકારી તરીકેની કામગીરી
			• સીસીઆઈ પ્રોજેકટ અંતર્ગત જીલ્લા નોડલ તરીકેની કામગીરી
રહ	શ્રી ડી.એમ.પટેલ મદદ. સંશો. વૈજ્ઞા.	નીલ	● ઈન્ડો–અમેરીકન કપાસ વિભાગના વિભાગીય વડા તરીકેની કામગીરી
	(બ્રીડીંગ) બ.સ. ૧૨૦૦૯		 બજેટ સદર–૨૦૦૯ અંતર્ગત ઈન્ડો–અમેરીકન જાતો/ હિરસુટમ બીટીનાં અખતરાઓ તેમજ બજેટ સદર–૧૨૦૦૯ અને બજેટ સદર–૫૦૦૯ અન્વયેનાં સ્ટેટ/ સ્ટેશન અખતરાઓની કામગીરી તથા આશાસ્પદ જાતોનું જીનીંગ કરાવી બીયારણ તૈયાર કરાવવાની કામગીરી
			• ખેડુતો માટે ઉપયોગી કપાસની નવી જાતો વિકસાવવાની કામગીરી
			 ખેડુતો માટે કપાસની જાતોની રીલીઝડ માટે પ્રપોઝલ બનાવવાની તથા બિયારણ જાળવણીની કામગીરી
			● મેગાસીડ પ્રોજેકટ હેઠળ ડાંગરનાં સીડ પ્રોડકશન પ્લોટની કામગીરી ● પોજેની મેન્ટેનન્સ
			• હિરસટમ કપાસનાં જર્મપ્લાઝમ ની જાળવાગીની કામગીરી
			• ડીપ્લોમાવિદ્યાર્થીઓને ભણાવવાની કામગીરી
30	ડો. પી.આર. પરમાર	નીલ	● માઇક્રોબાયોલોજી વિભાગના અખતરાઓની કામગીરી
	મદદ. સંશો. વૈજ્ઞા.		● તાંત્રિક શાખાની કામગીરી તથા લાયબ્રેરીની કામગીરીમાં મદદ
	(માઈક્રો.બાયો.) બ.સ.૧૨૦૦૯		● મોનીટરીંગ ટીમ, મુલાકાતીઓ, તાલીમાર્થીઓની વ્યવસ્થાની કામગીરીમાં મદદ
			 આઇસીએઆર, ટીએસપી, એનએફએસએમ, સીસીઆઈ– સીઆઈસીઆર કોટન બીએમપી એક્ષટેન્શન પ્રોજેકટનાં માસીક, ત્રિમાસીક તથા અર્ધવાર્ષિક રીપોર્ટ કંપાઈલેશનની કામગીરી
			 સ્થાયી અને વિકાસ યોજનાના માસીક, ત્રિમાસીક, અર્ધવાર્ષિક, વાર્ષિક રીપોર્ટ કંપાઈલેશનની કામગીરી
			● બાયોટેક/ માઈક્રો બાયોલોજી લેબનાં કેમીકલ રજીસ્ટર જાળવણી
			● લેબોરેટરી માટેનાં ઉપયોગી રસાયણોની ખરીદી પ્રક્રિયામાં મદદ
			● કેન્દ્રની મુલાકાતે આવતા ખેડુતો, વિદ્યાર્થીઓ તથા વિસ્તરણ અધિકારીઓને માહિતી આપવાની કામગીરી
			● કેન્દ્રખાતે આવતાં સ્નાતક અને અનુસ્નાતક કક્ષાનાં વિદ્યાર્થીઓ માટે તાલીમનં આયોજન
			 કેન્દ્ર દ્વારા આયોજીત ટેકનીકલ મીટીંગની વ્યવસ્થાઅને કાર્યક્રમ તૈયાર કરવાની કામગીરી
			 સંશોધન માટે જરૂરી બીજની વ્યવસ્થા, ચકાસણી માટેની જાતોની બીજોનં કોડીંગ તથા ડીકોડીંગની કામગીરી
			• ભલામણ થયેલ ટેકનોલોજીનાં ખેડુતોનાં ખેતર પર નિદર્શનપ્લોટની ગોઠવણી
			• ખેડુતોને ઉપયોગી માહિતી માટેનાં ઈ–વોઈસ મેસેજ માટે રેકોર્ડીંગની કામગીરી
			 પીજી વિદ્યાર્થીઓ તથા અન્યયુનિવર્સિટીના વિદ્યાર્થીઓનેતાલીમ/ માર્ગદર્શનની કામગીરી





				● વિશ્વ કપાસ દિવસ, મહિલાખેડુત દિન, વનમહોત્સવ જેવાં ઉત્સવોની ઉજવણીનં આયોજન
				● એનએયુ સ્પેકટ્રમ તથા યુનિવર્સિટી વેબસાઈટ પર માહિતી અદ્યતન કરવાની કામગીરી
	૩૧	જયોતિ એમ.વર્મા સ્ટેનો ગ્રેડ–ર બ.સ.૧૨૦૦૯	નીલ	● કૃષિ વિજ્ઞાન કેન્દ્ર, નકૃયુ, સુરતખાતે ફરજ બજાવેછે.
	૩૨	શ્રી ડી.એચ.પટેલ સહ સંશો.વૈજ્ઞા. બ.સ.૧૨૦૧૪	નીલ	 કોષ વિજ્ઞાન(કપાસ) વિભાગના વિભાગીય વડા તરીકેની કામગીરી તાંત્રિક શાખાની વડા તરીકેની વધારાની કામગીરી આંતર જાતીય સંકરણ દ્વારા કપાસની જાતો વિકસાવવાના અખતરાઓની કામગીરી કપાસના પાકમાં નરવંધ્યત્વના અખતરાની કામગીરી બીટી કપાસ સંશોધનની કામગીરી બીટી કપાસ સંશોધનની કામગીરી બીજી વિદ્યાર્થીઓને માર્ગદર્શન તથા કમિટી મેમ્બર તરીકેની કામગીરી એનએયુ આઈબીએસસીની મીટીંગ આયોજન અને રીપોર્ટીમાં મેમ્બર સેક્રેટરીશ્રીને મદદ ડીપ્લોમા વિદ્યાર્થીઓને ભાષાવવાની કામગીરી
	33	ર્ડા. જી.આર.ભંડેરી મદદ. સંશો. વૈજ્ઞા. (કીટકશાસ્ત્ર) બ.સ. ૧૨૦૧૪	નીલ	 પ્રોજેકટ (બ.સ.૧૨૦૧૪) તેમજ અધર એજન્સીને લગતાં અખતરાઓની તમામ પ્રકારની કામગીરી યુનિટ ખાતે દરેક પાકોનાં કીટ નિયંત્રણ માટે માર્ગદર્શન તેમજ ભલામણો એનએફએસએમ આઈઆરએમ એચડીપીએસ એફએલડી અંતર્ગત તાલુકાનાં ખેડુતોને માર્ગદર્શન, તાલીમ, કીટ વિતરણ અને રીપોર્ટની કામગીરી સ્થાનિક ખરીદ સમિતીનાં સભ્યતરીકેની કામગીરી કપાસ સંશોધન કેન્દ્ર ખાતે ઓફીસની ખરીદીની કામગીરી
	38	ડો. રાજકુમાર બી.કે. મદદ. સંશો. વૈજ્ઞા. (બાયો–ટેક) બ.સ.૧૨૦૧૪	નીલ	 બીટી કપાસ સંશોધનની કામગીરી સાયટોલોજી વિભાગનાં અખતરાઓની કામગીરીમાં મદદ કપાસના પાકમાં નરવંધ્યત્વના અખતરાની કામગીરીમાં મદદ એઆઈસીઆરપી ઓન કોટનનાં બીટી અખતરાઓની કામગીરીમાં મદદ આંતર જાતીય સંકરણ દ્વારા કપાસની જાતો વિકસાવવાના અખતરાઓની કામગીરીમાં મદદ એગ્રેસ્કો બેઝીક સાયન્સનાં કન્વીનર તરીકેની કામગીરી લેબોરેટરી માટેનાં ઉપયોગી રસાયણોની ખરીદી પ્રક્રિયાની કામગીરીમાં મદદ કેન્દ્રની મુલાકાતે આવતા ખેડુતો, વિદ્યાર્થીઓ તથા વિસ્તરણ અધિકારીઓને માહિતી આપવાની કામગીરી
(૩)	દખરંખ	<u>ા અન જવાબદારાના માધ</u>	યમ સાહત નિશેય	લવાના પ્રાક્રયામાં અનુસરવાનાકાયરાાત; જીયનીઓ પ્રાપ્યાય કાંગોલ છે. મુખ્ય પ્રાપ્ય ગુજરાતી છે. આ પ્રાપ્ય છે.
	યુાનટ	ખાત ફરજ બજાવતા અ	ાષકારાઆ તથા ક	મચારાઆના તમામ સશાધનન લગતા કામગારા તમજ વહાવટી તથા



	હિસાબી કામગીરી સંશોધન વૈજ્ઞાનિકશ્રી(કપાસ)ના માર્ગદર્શન હેઠળ કરવામાં આવેછે. ઉપરાંત ગુજરાત રાજયમાં કપાસ							
	સંશોધન	સંશોધનની તમામ કામગીરી તેમજ આ બાબતની રાષ્ટ્રીય કક્ષાની કામગીરીની જવાબદારી સંશોધન વૈજ્ઞાનિક(કપાસ)ની છે.						
(४)	પોતાન	<u>ા કાર્યોબજાવવા માટે પોતે ન</u>	કકી કરેલા ધોરણ;					
	યુનિવર્સિટી નિયમો મુજબ સંશોધનને લગતી સઘળી કામગીરી તથા વહીવટી કર્મચારીઓ દ્વારા કચેરીને લગતી તમામ							
	પ્રકારની વહીવટી તથા હિસાબી કામગીરી યુનિવર્સિટીના નીતિ–નિયમો મુજબ કરવામાં આવે છે. આ ઉપરાંત વૈજ્ઞાનિકો							
	ધ્વારા ર	ધ્વારા અનુસ્નાતક વિદ્યાર્થીઓને માર્ગદર્શન અને શિક્ષણ આપવાની કામગીરી કરવામાં આવે છે તેમજ સરકારશ્રીના ઠરાવો						
	મુજબ	<u>કામગીરી કરવામાં આવેછે.</u>						
(પ)	પોતાન	ા કાર્યો બજાવવા માટે પોલ	તાની પાસેના અથવા પોતાના નિયંત્રણ હેઠળના અથવા પોતાના કર્મચારીઓ દ્વારા					
	ઉપયોગ	ામાં લેવાતા નિયમો, વિનિય	મો, સૂચનાઓ, નિયમસંગ્રહો અનેરેકડ					
	કૃષિ યુ	નેવસિટીની સ્ટેચ્યુટરી જોગ	વાઇઓ મુજબ નિયમાં, વિનિયમાં અને સૂચનાઓને અનુસરવામાં આવે છે તેમજ માન.					
	રાજય	સરકારશ્રીના કૃષિ અને સહ	કાર વિભાગના આદશા અનુસાર કામગોરી કરવામાં આવે છે તથા હિસાબી કામગોરીનું					
	લાકલ	ફડ આડાટરશ્રા દ્વારા આડાટ	કરાવવામાં આવે છેતેમજ અત્રેના અક્રમ દ્વારા જરૂરા રજાસ્ટરા નિભાવવામાં આવે છે.					
	જવા ક	, ડડસ્ટાક, સ્ટાર રાજમળ,	ચાજવસ્તુ વપરાશ, મજુરા, લબરસાટ, હાજરાપત્રક, રાપરાગ, સાધનાના લાગબુક,					
	વાહનન	ાા લાગબુક અને હાસ્ટ્રાસાટ, ગળવા માટે આ વિવસ કાર્ય સાર	નમૂના રજાસ્ટર, પરચૂરણ રજા, ટેપાલ આવક જાવક તથા હિસાબા રજાસ્ટરા જવા ક તે રુવેરેટરે લિપેટે ટેડર્ડ પ્રિપ્લેસ્ટરા જવા ક					
(c)	કસબુક ઓગાગ	,રસાદ બુક,માાસક બચ પત્ર આગે ગણવા શોનાના નિશંત	ાક રજાસ્ટર ાવગર રકડના ાનભાવશા કરવામાં આવ છે. ગુજરુ કેટલ હોય નેવા દુરુના તેલેના તર્ગોનું પુરુદ્ધ					
(۶)	પાતાન	ા પાસ અથવા પાતાના ાનવગ 	તેલ હેઠળ હોય તેવા દસ્તાવજાના વળાનું વઝક; ચિંત્રણ કે લખના દક્ષ્યગ્ની વિગય					
	ં નં	આવકારા/કનચારાપુ નામ	ાપવંત્રકા હઠળાંગા ઠરૂતરમાં ાવળત					
	ч. 9	્યાન ડો એમ સી પટેલ	 ગ્રહ્યા કાર્યની ગ્રાટસાય નોની યાસી દીની કાર્યસ 					
		संशोधन वैज्ञानिक	• $\partial \partial u$ since u a back of u and u and u and u and u					
		(કપાસ)	• જમાન સંયોદન અનમહસુલા દરતરના રાઇલ					
		બ.સ.૨૦૦૯	• અનુસ્નાતકાવઘાયાના પત્રવ્યવહાર ફાઇલ					
			• કપાસ સશાધન કેન્દ્રાના ખાનગી પત્રવ્યવહારના ફાઇલ					
			• અધિકારીશ્રી/કર્મચારીશ્રીઓનું આકસ્મીક/ મરજીયાત રજા મજુરીનું રજીસ્ટર					
			● ન.કૃ.યુ.ની આઈબીએસસીની કાર્યવાહીની ફાઈલ					
	૨	ડો. પી.બી.સાંદીપન	• રોગશાસ્ત્ર વિભાગના ટેકનીકલ પ્રોગ્રામ અખતરા ફાઈલ, અખતરા વાવણી					
		મદદ. સશા. વૈજ્ઞા.	રજીસ્ટર, પાક યોજના રજીસ્ટર					
		(પથાલાજા)	● તાંત્રિક શાખા સાથે ટેકનીકલ અને જનરલ પત્રવ્યવહાર ફાઈલ					
		બ.સ. ૨૦૦૯	 પેથોલોજી વિભાગના સંશોધન લેખો અને ભલામણોની ફાઈલ 					
			 રાવે/ પી.જી.વિદ્યાર્થી માગદર્શન ફાઈલ 					
	૩	ડો. હિતેશ રામાણી	● બાયો.કેમેસ્ટ્રી/ફીઝીયોલોજી વિભાગના ટેકનીકલ પ્રોગ્રામ અખતરા ફાઈલ					
		મદદ. સંશો. વૈજ્ઞા.	● નમુના પૃથ્થકરણ ફાઈલ					
		(બાયોકેમ)	• અખતરા અહેવાલ (વાર્ષિક, ત્રિમાસિક, માસિક) ફાઈલ					
		બ.સ.૨૦૦૯	 કેમેસ્ટી વિભાગનાં અખતરાના પથ્થકરણને લગતી ફાઈલ 					
	8	ડો. આર.ડી.પટેલ	• કીટકશાસ્ત્ર વિભાગના ટેકનીકલ પ્રોગ્રામ અને અખતરા ફાઈલ					
		મદદ. સંશો. વૈજ્ઞા.	● કંપની પોજેકટ કાઈલ					
		(કીટકશાસ્ત્ર)	 તાંત્રિકશાખા સાથે ટેકનીકલ અને જનરલ પત્રવ્યવહાર કાઈલ 					
		બ.સ.૨૦૦૯						
			• $2i^{-1}$ and $2i^{-1}$					
	ี บ	રો કે બી ગાંકટ	\sim τ_{1} τ_{1} τ_{1} τ_{1} τ_{1} τ_{1} τ_{1} τ_{1} τ_{2} τ_{1} τ_{2} τ_{1} τ_{2} τ_{1} τ_{2}					
	⁴	પા ગાયા ગાયા ગાય ગાય ગાય ગાય ગાય ગાય ગાય	• તમામ માટાગના પ્રાસાડાંગ રાઇલા					
		(એગ્રોનોમી)	• ભારત સરકાર, રાજય સરકાર, ખતાવાડા ખાતુ, કૃાષ યુાનવાસટાઓ સાથના					
		બ.સ. ૨૦૦૯	પત્રવ્યવહારના રાઇલા					
			• પ્રવાસ ડાયરાના ફાઇલા					
			● કપની પ્રોજેકટ ફાઇલ, પ્રોજેકટ પ્રપોઝલ ફાઈલો					



		● ફ્રંટ લાઈન ડેમોન્સ્ટ્રેશન અંગેની ફાઈલ
		● અત્રેના કેન્દ્રની તમામ ભલામ ણોઅને પ્રકાશનોની ફાઈ લો
		● બીજને લગતા પત્રવ્યવહારની ફાઈલો તથા રજીસ્ટર
		● બ્રીડર સીડ ટેગ અંગેના રજીસ્ટરો અને ફાઈલ
		● સીડ ડીપોઝીટ અંગેના રજીસ્ટરોઅને ફાઈલ
		● બ્રીડર સીડ ડીસ્ટ્રીબ્યુશનની ફાઈલ
ç	શ્રીવી.કે.વેકરીયા મદદ. સંશો. વૈજ્ઞા. બ.સ.	 બાયોકેમેસ્ટ્રી, કેમેસ્ટ્રી અને ફીઝીયોલોજી વિભાગનાં વિવિધ ફાઈલો તથા રજીસ્ટર નિયંત્રણ
	२००४	● કેમેસ્ટી વિભાગનાં અખતરાના સંશોધન, લેખો અનેભલામણને લગતી ફાઈલ
9	શ્રીકે.કે.લાડ ખેતી નિરીક્ષક બ.સ.૨૦૦૯	 સેન્ટર સ્ટોર વિભાગનાં સ્ટોર રોજમેળ, સ્ટોર ખાતાવહી અને ચીજવસ્તુ વપરાશ રજીસ્ટર અને ડેડસ્ટોક રજીસ્ટર કાર્મ વિભાગનાં ડેડસ્ટોક રજીસ્ટરો તથા એસ–રનાં ડેડસ્ટોક રજીસ્ટર અને મંજરી
		રજીસ્ટર
		● બિયારણ વેચાણ મંજુરીને લગતી ફાઈલ
		● સ્ટોર બિયારણ વેચાાણ લાયસન્સ ફાઈલ
		● લાઈટબીલ રજીસ્ટર તથા ફાઈલ
		● ફાર્મ સીકયુરીટી ફાઈલ
		● ટ્રેકટરોનાં ખનીજ તેલ અંગેનાં રજીસ્ટર
٢	ડો. પ્રકાશ એસ.પટેલ	● પ્લોટ ફાળવણી ફાઈલ
	મદદનાશ સશાધન જેવ્યુપિક	● બીજ ઉત્પાદન ફાળવણી રજીસ્ટર (ફાઉન્ડેશન અને સટી ફાઈડ)
	વશાાનક બાગા ૫૦૦૯	● ફાર્મ ઈમ્પ્લીમેન્ટસ ફાઈલ, ફાર્મ પિયતની ફાઈલ
	બ.સ. ૧૦૦૯	● ફાર્મ લાઈટબીલની ફાઈલ
		● ફાર્મ મજુરની મંજુરીની ફાઈલ
		● ફાર્મ વાહનોનાં ઈન્સ્યુરન્સની ફાઈલ
		● ફાર્મ ડેડસ્ટોકની ફાઈલ
		● ડીઝલ રજીસ્ટર
		● જમીન રેકર્ડ ફાઈલ
૯	શ્રી આર. બી. ટર્નર	● ખરીદીને લગતી તમામ પ્રકારની ફાઈલો તથા જનરલ ખરીદીનું મંજુરી રજીસ્ટર
	ખેતી નિરીક્ષક	● કચેરીનાં ફાર્મનાં વાહનોની આરસી બુક
	બ.સ.૫૦૦૯	● વીમાને લગતા પત્રોની ફાઈલ
		 દેશી વિભાગના મંજુરી રજીસ્ટર, ઉત્પાદન રજીસ્ટર, સ્ટોર માંગણી પત્રક, ડેડસ્ટોક રજીસ્ટર
		● દેશી વિભાગનાં મજુરોનું હાજરી પત્રક
		● લેબર શીટ
٩0	શ્રી ભાવેશ એચ.ગજેરા	● સાયટોલોજી વિભાગના મંજુરી રજીસ્ટર, ઉત્પાદન રજીસ્ટર, સ્ટોર માંગણી પત્રક,
	ખેતી નિરીક્ષક	મજુરોનું હાજરી પત્રક, લેબર શીટ, ડેડસ્ટોક રજીસ્ટર તથા રીપેરીંગ ભંગાર
	બ.સ.૫૦૦૯	રજીસ્ટર
99	શ્રી હેતલ આર.પટેલ ખેતી નિરીક્ષક લ સ ૫૦૦૯	● સંશોધન વૈજ્ઞાનિક, ફળ સંશોધન કેન્દ્ર, નકૃયુ, ગણદેવી ખાતે ફરજ બજાવેછે.
9 D	્ય.સ.૧૦૦૯ દિલ્યેશ કે છોરવરિયા	ຸ ຮາກ ອີດແຫຼມ ພິສ ໂລແຮມ ກອງກາງ
12	પેડપ્પરા ૩. ટાડપાડપા ખેતી મદદનીશ	● રામ ાપામાંગમાં બાજ હત્યાદમ રજાસ્ટર - હીજ ગહાગણી હાઈલ
		● બાજ ચકાસપા રાઇલ





	બ.સ.૫૦૦૯	● ફાર્મ વિભાગની રોજમેળ, ખાતાવહી ઉત્પાદન રજીસ્ટર
		● સીડ વિભાગની રોજમેળ, ખાતાવહી ઉત્પાદન રજીસ્ટર
		● ઝાડ રજીસ્ટર, ફાર્મ વિભાગનાં સ્થાનિક મંજુરી રજીસ્ટર
		● ટ્રેકટર તથા બળદોનાં રેકોર્ડ અંગેની ફાઈલ
		• ફાર્મ ટ્રેકટર તથા હીસ્ટ્રીશીટ રજીસ્ટર
		● જનરલ પાક યોજના
		● સેઢાપાળની ઘાસોની હરાજી ફાઈલ
		● મોટર સાયકલ લોગબુક
१उ	નીકીતા એસ. ડાભી ખેતી મદદનીશ	 ડેડસ્ટોક રજીસ્ટર, ફાસ્ટટેગ રજીસ્ટર, વિભાગનું ઈનવર્ડ–આઉટવર્ડ રજીસ્ટર, તાંત્રિક શાખા મંજુરી રજીસ્ટર, રીપેરીંગ રજીસ્ટર
	બ.સ.૫૦૦૯	● યુનિ. વાહન બોલેરો જીપ, સ્કોર્પીયો ગાડીની લોગબુક
		● રેકર્ડ રજીસ્ટર
		● માનનીય મહાનુભાવોની મુલાકાતી રજીસ્ટર
		● એગ્રોનોમી વિભાગની પાક યોજના વાવણી પત્રક
		● અખતરાના અવલોકનોની ફાઈલ, એનાલીસીસની ફાઈલ
		 એગ્રોનોમી વિભાગના મંજુરી રજીસ્ટર, ઉત્પાદન રજીસ્ટર, સ્ટોરમાંગણી પત્રક, મજુરોનું હાજરી પત્રક, લેબર શીટ, ડેડસ્ટોક રજીસ્ટર તથા રીપેરીંગ ભંગાર રજીસ્ટર
ঀ४	ભાવના જે.મેવાડા ખેતી મદદનીશ બ.સ.૫૦૦૯	 કેમેસ્ટ્રી/ફીઝીયોલોજી વિભાગના મંજુરી રજીસ્ટર, ઉત્પાદન રજીસ્ટર, સ્ટોર માંગણી પત્રક, મજુરોનું હાજરી પત્રક, લેબર શીટ, ખાતાવહી, ડેડસ્ટોક રજીસ્ટર તથા રીપેરીંગ ભંગાર રજીસ્ટર
		 ઈન્ડો–અમેરીકન વિભાગના મંજુરી રજીસ્ટર, ઉત્પાદન રજીસ્ટર, સ્ટોર માંગણી પત્રક, ડેડસ્ટોક રજીસ્ટર, પીકીંગ રજીસ્ટર તથા રીપેરીંગ ભંગાર રજીસ્ટર
		● ઈન્ડો–અમેરીકન વિભાગનાં મજુરોનું હાજરી પત્રક
		• લેબર શીટ
		● સાયટોલોજી વિભાગના જીીનીંગ રજીસ્ટર, ઉત્પાદન રજીસ્ટર, સીલેકશન રજીસ્ટર, અવલોકન રજીસ્ટર, તંતુ ચકાસણી અંગેની ફાઈલ
૧૫	દિપાલી એમ.બડવા	● સંકર કપાસ વિભાગનાં મજુરોનું હાજરી પત્રક
	ખતા મદદનાશ બ.સ.પ૦૦૯	 મંજુરી રજીસ્ટર, ઉત્પાદન રજીસ્ટર, સ્ટોર માંગણી પત્રક, લેબર શીટ, રોજમેળ, ખાતાવહી, ઉત્પાદન રજીસ્ટર, ડેડસ્ટોક રજીસ્ટર તથા રીપેરીંગ ભંગાર રજીસ્ટર
۹ <i>۶</i>	જીીજ્ઞાશા એસ.ગોહિલ	● એન્ટોમોલોજી વિભાગનાં મજુરોનું હાજરી પત્રક
	ખેતી મદદનીશ	• લેબર શીટ, રીપેરીંગ રજીસ્ટર તથા ભંગાર રજીસ્ટર
	બ.સ.પ૦૦૯	● રોજમેળ, ખાતાવહી ઉત્પાદન રજીસ્ટર, ચીજવસ્તુ રજીસ્ટર
		● કીટકશાસ્ત્ર/ રોગશાસ્ત્ર વિભાગનું મંજુરી રજીસ્ટર
		● વિભાગનું આઉટવર્ડ ઈનવર્ડ રજીસ્ટર
		• ક્રીટકશાસ્ત્ર/ રોગશાસ્ત્ર વિભાગનું ડેડસ્ટોક રજીસ્ટર
		 એન્ટોમોલોજી વિભાગના મંજુરી રજીસ્ટર, ઉત્પાદન રજીસ્ટર, સ્ટોર માંગણી પત્રક, ડેડસ્ટોક રજીસ્ટર તથા રીપેરીંગ ભંગાર રજીસ્ટર
૧૭	જીીજ્ઞેશ કે.ભરડા	• મકાન રજીસ્ટર
	ખેતી મદદનીશ	• કવાટર્સ/ ગેસ્ટહાઉસ અંગેની રજીસ્ટરો તથા તેને લગતી ફાઈલો
	બ.સ.૫૦૦૯	● ફાર્મ વિભાગનાં મજુરોનું હાજરી પત્રક, લેબર શીટ
		● ઓબઝર્વેટરી અંગેની ફાઈલો, ફાર્મ ડેડસ્ટોક રજીસ્ટર



१८	શ્રીકે.એ.ધામેશા સીનીયરકલાર્ક	 કેશબુક, આવક રજીસ્ટર, POS મશીન અને રજીસ્ટર, જીએસટી – ટીડીએસને લગતી ફાઈલો
	બ.સ.૫૦૦૯	● હિસાબી શાખાના ડેડસ્ટોક
૧૯	શ્રીએસ. બી. ચૌધરી સીનીયરકલાર્ક બ.સ. ૫૦૦૯	● અસ્પી શકીલમ બાયોટેકનોલોજી ઈન્સ્ટીટયુટ, નકૃયુ, સુરતખાતે ફરજ બજાવેછે.
20	શ્રીમતી જે.એચ.પટેલ સીનીયર કલાર્ક બ.સ.પ૦૦૯	 મુખ્ય કપાસ સંશોધન કેન્દ્ર ખાતે ફરજ બજાવતા તમામ અધિકારી/ કર્મચારીની સેવાપોથી, પર્સનલ ફાઈલો તથા તેને લગતી ફાઈલો ખાનગી અહેવાલની ફાઈલો તથા તેને લગતા રજીસ્ટર ઓડિટને લગતી ફાઈલો તથા તેને લગતા રજીસ્ટર RA/SRF/JRF ના ઈન્ટરવ્યુ અંગેની ફાઈલ કવાટર્સ ફાળવણી અંગેની ફાઈલો/રજીસ્ટર અત્રેની કચેરીના તમામ અધિકારીઓ/ કર્મચારીઓની રજા અંગેની ફાઈલો તથા રજીસ્ટરો, પરિપત્રો/ ઠરાવની ફાઈલો ચૂંટણી અધિકારી/રોજગાર વિનિમય તથા ઉપલી કચેરીથી માંગવામાં આવેલ વહીવટી માહિતીને લગતી ફાઈલો, લાઈટબીલ રજીસ્ટર
રવ	કુ.હિરલ ટાંક જુ.કલાર્ક બ.સ.પ૦૦૯	 પગારબીલ અનેતેને લગતા રજીસ્ટરો તથા ફાઈલો અત્રેના કેન્દ્રમાં ફરજ બજાવતા તમામ અધિકારી/કર્મચારીની પી.એફ. તથા એન.પી.એસ. પાસબુક ઈનવર્ડ, આઉટવર્ડ રજીીસ્ટર, ટપાલ ટીકીટ રજીીસ્ટર
રર	શ્રી મિતુલ પી. અવૈયા જુ.કલાર્ક બ.સ.૫૦૦૯	 બજેટને લગતી ફાઈલો/ એ.યુ.સી./ અંદાજીત બજેટો/ત્રિમાસિક ચાર્જ પત્રકોની ફાઈલો સ્ટેશનરી રજીસ્ટર ગ્રાન્ટ રજીસ્ટર, બીલ રજીસ્ટર, કન્ટીજન્સી ખર્ચ વર્ગીકરણ રજીસ્ટર, વેરા બીલ રજીસ્ટર
૨૩	શ્રી બી.બી.ચૌધરી પટાવાળા, બ.સ.૫૦૦૯	
૨૪	શ્રી પી.જી.સોનેરી લેબ બોય,બ.સ.૫૦૦૯	નીલ
રપ	શ્રી ડી.બી.પટેલ ટ્રેકટર ડ્રાયવર બ.સ.પ૦૦૯	
२८	ડો. જી.ઓ.ફલ્દુ સહ સંશો. વૈજ્ઞા. (પાક સંવર્ધન) બ.સ. પ૦૦૯	 હાઈબ્રીડ વિભાગના તથા દેશી કપાસ વિભાગના ટેકનીકલ પ્રોગ્રામ અખતરા ફાઈલ, અખતરા વાવણી રજીસ્ટર, પાક યોજના રજીસ્ટર કંપની પ્રોજેકટ અવલોકન નોંધણી ફાઈલ અખતરા અહેવાલ (વાર્ષિક, ત્રિમાસિક, માસિક) ફાઈલ સંકર જાતોના નર અને માદાના બિયારણોનું દફ્તર, પ્રોજેનીંગ મેન્ટેનન્સ રજીસ્ટર, પેડીગ્રી રજીસ્ટર અને જંગલી કપાસની જાતોના નર્સરીનું રજીસ્ટર તાંત્રિક શાખા સાથે ટેકનીકલ અને જનરલ પત્રવ્યવહાર ફાઈલ બિયારણ પ્લોટ રોગીંગ રજીસ્ટર સંકર વિભાગ સંશોધન લેખો અને ભલામણોની ફાઈલ કપાસ મ્યુઝીયમ મુલાકાત રજીસ્ટર તથા તેને લગતા પત્ર વ્યવહાર ફાઈલ



૨૭	ડો. એચ.આર.દેસાઈ	• કીટકશાસ્ત્ર વિભાગના ટેકનીકલ પત્રવ્યવહાર ફાઈલ
	સહ સંશોધન વૈજ્ઞાનિક	 કીટકશાસ્ત્ર વિભાગ સંશોધન લેખો અને ભલામણોની ફાઈલ
	(કિટકશાસ્ત્ર)	● પ્રિન્સીપાલ ઈન્વેસ્ટીગેટીંગ તરીકેનાં અધર એજન્સી પ્રોજેકટોની ફાઈલ
	બ.સ.૧૨૦૦૯	● અ <u>ન</u> ુસ્નાતક વિદ્યાર્થીની પત્રવ્યવહાર ફાઈલ
૨૮	ડો. એમ.એમ.પટેલ	• એગ્રોનોમી વિભાગના પત્રવ્યવહાર ફાઈલ
	સહ સંશો. વૈજ્ઞા.	 એગ્રોનોમી વિભાગ સંશોધન લેખો અને ભલામણોની કાઈલ
	(એગ્રોનોમી)	● કાર્મના તમામ પ્લોટોના પથ્થકરણની કાઈલ
	બ.સ.૧૨૦૦૯	 કાર્મના તમામ પ્લોટોમાં પાક આયોજનની વર્ષવાર કાઈલ
		• ઉપાડ અને ચક્રવણાં અધિકારીનાં અગત્યનાં પત્ર વ્યવહારોની કાઈલ
રહ	શ્રી ડી.એમ.પટેલ	• ઈત્ત્રો–અમેરીકન વિભાગના ટેકનીકલ પોગામ અખતરા કાંઈલ અખતરા
	મદદ. સંશો. વૈજ્ઞા.	$a_{1} = a_{1} + a_{2} + a_{2} + a_{3} + a_{4} + a_{5} + a_{$
	(બ્રીડીંગ)	જીનીંગ/અવલોકન રજીસ્ટર
	બ.સ. ૧૨૦૦૯	• એગ્રેસ્કો/ એઆઈસીસીઆઈપી/ રીલીઝડ પ્રપોઝલ ફાઈલ
		• અખતરા અહેવાલ (વાર્ષિક, ત્રિમાસિક, માસિક)કાઈલ
		• ઈન્ડો–અમેરીકન જાતોના બિયારણોનં દક્તર. પ્રોજેની મેન્ટેનન્સ રજીસ્ટર.
		પેડીગ્રી રજીસ્ટર
		• તાંત્રિક શાખા સાથે ટેકનીકલ અને જનરલ પત્રવ્યવહાર ફાઈલ
30	ર્ડા. પી.આર.પરમાર	 એનએફએસએમ અને એફએલડી અખતરાઓનો અહેવાલ ફાઈલ
	મદદ. સંશો. વૈજ્ઞા.	• ભારત સરકાર, રાજય સરકાર કૃષિ યનિવર્સિટીઓ સાથેનાં પત્રવ્યવહારની
	(માઈક્રો.બાયો.)	ફાઈલ
	બ.સ.૧૨૦૦૯	• RAWE તથા BRS વિદ્યાર્થીઓની તાલીમ માટેની ફાઈલ,આત્મા ટ્રેનીંગની
		ફાઈલ
		 ડેઝરટેશન માટે આવતાં વિદ્યાર્થીઓના કરારની ફાઈલ
		 લેબોરેટરી માટે ઉપયોગી રસાયણો તથા આલ્કોહોલનાં રજીસ્ટર
		 માઈક્રોબાયોલાજી વિભાગ સંશોધન લેખોઅનેભલામણોની ફાઈલ
૩૧	જયોતિ એમ.વર્મા	 કૃષિ વિજ્ઞાન કેન્દ્ર, નકૃયુ, સુરતખાતે ફરજ બજાવેછે.
	સ્ટેનો ગ્રેડ–ા	
	બ.સ.૧૨૦૦૯	
૩૨	ડા. ડા.અચ.પટલ	• સાયટોલોજી વિભાગના પત્ર વ્યવહારની ફાઇલ - રાત્રે મુદ્દે તે મુખ્યત્ર કે દુધિય રાત્રે જ પ્રથમ મુખ્ય સ્થળ થયુ દુર્પય છે. મુખ્યત્રે છે મુખ્યત્રે દુધવાર દુધ
	સહ સંશાવન વજ્ઞાાનક	 અંત્રના કેન્દ્રના તમામ ટકનાકલ અને જનરલ પત્ર વ્યવહાર ફાઇલ કેપના પ્રાજકેટ ફાઇલ, બીટી કેન્વર્ઝન પ્રોગ્રામ ફાઈલ
	ગ.સ. ૧૨૦૧૦	• પ્રોજેની મેન્ટેનન્સ રજીસ્ટર, પેડીગ્રી રજીસ્ટર
		 બીટી કપાસ સંશોધનના કરારની ફાઈલ
		 સાયટોલોજી વિભાગ સંશોધન લેખોઅનેભલામણોની ફાઈલ
		• તમામ યોજનાઓના બજેટની પત્ર વ્યવહાર / ફાળવણીની ફાઈલ
૩૩	ડા. જા.આર.ભડરા	● અખતરા અહેવાલ (વાર્ષિક, ત્રિમાસિક, માસિક) ફાઇલ
	મદદ. સશા. વજ્ઞા. (દીરદભારન)	 અખતરા વાવણા રજાસ્ટર, પાક યાજના રજાસ્ટર ગોજેસ્ટ પ્રયોગ્યલ કાઈલ
	(डाटडराा <i>रन)</i> अभ १२०१४	 ત્રા ૦૦૦ પ્રયાગલ રાઇલ, ખેડત માર્ગદર્શન કાઈલ
XΕ,	ડો. રાજકમાર બી કે	 બાયો, ટેક લેબ, ઈન્સ્ટમેન્ટ ખરીદી અને જાળવણીની કાઈલ તથા ગ્લીસ્ટગ
	મદદ. સંશો. વૈજ્ઞા.	• બાયોટેકનોલોજી લેબનાં કેમીકલ્સ અનેગ્લાસવેરની ફાઈલ
	(બાયો–ટેક)	• ઈથેનોલ વપરાશ રજીસ્ટર
	બ.સ.૧૨૦૧૪	 બાયો. ટેક. વિદ્યાર્થીને તાલીમ અને ડેઝરટેશન ફાઈલ
		 બાયો. ટેક. વિભાગ સંશોધન લેખો અને ભલામણોની ફાઈલ



રજૂઆત માટેની વિદ્યમાન કોઈ વ્યવસ્થાની વિગતો,										
રજૂઆત માટેની વિદ્યમાન કોઈ વ્યવસ્થાની વિગતો,										
નવસારી કૃષિ યુનિવર્સિટી, નવસારીની કુલસચિવશ્રી દ્વારા માહિતી મેળવવાના અધિકારઅધિનિયમ – ૨૦૦૫ ૨	ાન્વયે									
કુલસચિવશ્રીના પત્ર નંન.કૃ.યુ /રજી/અ.૩.૩/ આર ટી આઈ/કા.આ/ ૮૫૦૧–૮૭૩૩/ ૨૦૧૨, નલ	કુલસચિવશ્રીના પત્ર નંન.કૃ.યુ /રજી/અ.૩.૩/ આર ટી આઈ/કા.આ/ ૮૫૦૧–૮૭૩૩/ ૨૦૧૨, નવસારી									
તા.૧૦–૫–૨૦૧૨ થી દરેક જુંદી જુદી ઓફિસ / યુનિટ ના વડાઓને કાર્યાલયમાં આવતી કામગીરીની માહિતી પુરી પાડવા										
માટે જાહેર માહિતી અધિકારી, મદદનીશ જાહેર માહિતી અધિકારી તેમજ એપેલેટની નિમણુક કરવામાં આવેલ છે. કપાસ										
સંશોધનની કામગીરી આઈસીએઆર–એઆઈસીઆરપી ઓન કોટન, કોઈમ્બતુર અને આઈસીએઆર–સીઆઈસીઆર,										
નાગપુર સાથે સંકલનમાં તેમજ રાજય કક્ષાએ સ્ટેટ પ્લાન અને સ્ટેટ નોન પ્લાન યોજનાઓ અન્વયે કરવામાં આ	ા છે.									
ગુજરાત રાજયમાં આવેલ તમામ કપાસ સંશોધન કેન્દ્રોની કામગીરીનું આયોજન અને સંકલન સયુકત રીતે કરવામાં	આવે									
છે. કપાસને લગતી અદ્યતનમાહિતીઓની જાહેર જનતાને કે કપાસનાં ખેડુતોને વિસ્તરણ પ્રવૃત્તિ અને રૂબરૂ મુલ	ાકાત									
અન્વયે માહિતી અને માર્ગદર્શન પુરું પાડવામાં આવે છે. ખેડુતોની કપાસની સમસ્યા અંતર્ગત નવસારી કૃષિ યુનિવરિ	ટીની									
ઝોનલ રીસર્ચ એક્ષ્ટેન્સન એન્ડ એડવાઈઝરી કમિટીમાં ખેતીવાડી ખાતાનાં અધિકારીશ્રીઓ પ્રશ્નોની રજુઆત અને સમ	ાધાન									
મેળવતાં હોય છે. વધુમાં, કપાસની ખેતી સાથે સંકળાયેલ તમામ સ્ટેક હોલ્ડર્સને જરૂરી તાંત્રિક માર્ગદર્શન પુરું પા	વામાં									
આવે છે. અત્રેની કચેરીમાં ગુજરાત રાજયમાં કપાસ સંશોધન ક્ષેત્રે થતી કામગીરી અંગે માહિતી પુરી પાડવા માટે સં	ોધન									
વૈજ્ઞાનિકશ્રી(કપાસ)ને ''જાહેર માહિતી અધિકારીશ્રી'' અને સહ સંશોધન વૈજ્ઞાનિકશ્રીને ''મદદનીશ જાહેર મ	હિતી									
અધિકારીશ્રી'' તરીકે નિમણુક આપવામાં આવેલ છે.										
(૮) તેના ભાગ તરીકે અથવા તેની સલાહના હેતુ માટે બે અથવા તેથી વધુ વ્યકિતઓના બનેલા બોર્ડ, કાઉન્સિલો, સમિ	તેઓ									
અને બીજા મંડળોનું પત્રક અને તે બોર્ડ, કાઉન્સિલો, સમિતિઓ અને બીજા મંડળોની બેઠકો લોકો માટે ખુલ્લી છે	ે કેમ									
અથવા તેવી બેઠકોની કાર્ય નોંધો લોકોને મળવાપાત્ર છે કે કેમ;										
સદરબેઠકો લોકો માટે ખુલ્લી નથી. તેમજ સદરબેઠકોની કાર્ય નોંધો ફકત કચેરીના ઉપયોગ માટે મળવાપાત્ર છે.										
(૯) તેના અધિકારીઓઅને કર્મચારીઓની માહિતીપુસ્તિકા;										
યુનિવર્સિટી દ્વારા ''સંપર્ક સેતુ'' નામની માહિતી પુસ્તિકા અલગથી બહાર પાડવામાં આવેલ છે તેમજ તેની મ	હિતી									
યુનિવર્સિટીની વેબ સાઈટ પર(nau.in) ઉપલબ્ધછે.										
(૧૦) તેના વિનિયમોમાં જોગવાઈ કર્યા પ્રમાણે વળતરની પધ્ધતિ સહિતતેના દરેક અધિકારીઓ અને કર્મચારીઓને મળતાં ગ	ાસિક									
મહેનતાણા;										
🛛 🖌 અધિકારીશ્રી/ હોધ્દો બજેટ પગાર ધોરણ										
કર્મચારીશ્રીનુંનામ સદર (કુલ પગાર)										
૧ ડો. એમ.સી.પટેલ સંશોધન વૈજ્ઞાનિક(કપાસ) ૨૦૦૯ ૧૪૪૨૦૦–૨૧૮૨૦૦ (૩૧૯૫૯	з)									
ર ર્ડા. પી.બી.સાંદીપન મદદ. સંશો.વૈજ્ઞા.(પેથોલોજી) ૨૦૦૯ ૫૭૭૦૦–૧૮૨૪૦૦ (૧૧૯૮૪	l)									
<u>૩ ડાં. હિતેશ આર.રામાણી મદદ. સંશો. વૈજ્ઞા.(બાયો.કેમ.)</u> ૨૦૦૯ પ૭૭૦૦–૧૮૨૪૦૦ (૧૧ <i>૬</i> ૩૨:)									
૪ ર્ડા. આર.ડી.પટેલ મદદ. સંશો.વૈજ્ઞા.(કીટકશાસ્ત્ર) ૨૦૦૯ ૫૭૭૦૦–૧૮૨૪૦૦ (૧૧૬૩૨)									
પ શ્રી કે.બી.સાંકટ મદદનીશ સંશો.વૈજ્ઞા.(એગ્રી.ઈકો) ૨૦૦૯ ૬૮૯૦૦–૨૦૫૫૦ (૧૧૯૮૪૫										
🗴 શ્રી વિ.કે.વેકરીયા મદદનીશ સંશો.વૈજ્ઞા.(એગ્રો) ૨૦૦૯ ૫૭૭૦૦–૧૮૨૪૦૦ (૧૦૮૦૫	')									
૭ શ્રીકે.કે.લાડ ખેતી નિરીક્ષક ૨૦૦૯ ૩૯૯૦૦–૧૨૬૬૦૦ (૧૧૬૧૯)									
૮ ર્ડા.પ્રકાશ એસ. પટેલ મદદનીશ સંશોધન વૈજ્ઞાનિક ૫૦૦૯ ૫૭૭૦૦–૧૮૨૪૦૦ (૧૩૨૨૪૫)									
૯ શ્રી આર. બી. ટર્નર ખેતી નિરીક્ષક ૫૦૦૯ ૩૯૯૦૦–૧૨૬૬૦૦(૫૭૮૮૦)										
૧૦ શ્રી ભાવેશ એચ.ગજેરા ખેતી નિરીક્ષક ૫૦૦૯ ૩૯૯૦૦–૧૨૬૬૦૦(૫૮૫૬૧)										
૧૧ શ્રી હેતલ આર.પટેલ ખેતી નિરીક્ષક ૫૦૦૯ ૩૯૯૦૦–૧૨૬૬૦૦(૫૫૫૭૯)										
૧૨ દિવ્યેશ કે.છોડવડિયા ખેતી મદદનીશ ૫૦૦૯ ૨૫૫૦૦-૮૧૧૦૦ (૪૫૧૮૧)										
૧૩ નીકીતા એસ.ડાભી ખેતી મદદનીશ ૫૦૦૯ ૨૫૫૦૦-૮૧૧૦૦ (૪૫૧૮૧)										
૧૪ ભાવના જે.મેવાડા ખેતી મદદનીશ ૫૦૦૯ ૨૫૫૦૦-૮૧૧૦૦ (૪૨૭૩૩)										
૧૫ દિપાલી એમ.બડવા ખેતી મદદનીશ ૫૦૦૯ ૨૫૫૦૦-૮૧૧૦૦ (૪૫૧૮૧)										
૧૬ જીજ્ઞાશા એસ.ગોહિલ ખેતી મદદનીશ ૫૦૦૯ ૨૫૫૦૦-૮૧૧૦૦ (૪૭૦૬૯)										
$10 \text{ Algin} \hat{\mathbf{s}}_{10} = 1000000000000000000000000000000000000$										
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	ર૩	શ્રી બી.બી.ચૌધરી	પટાવાળા	૫૦૦૯	14000-89500	(42230)		
	२४	શ્રી પી.જી.સોનેરી	લેબ બોય	4006	14900-40000	(42232)		
	રપ	શ્રી ડી.બી.પટેલ	ટ્રેકટર ડ્રાયવર	૫૦૦૯	36600-12550	<u>०(৫३८०७)</u>		
	२९	ર્ડા. જી.ઓ.ફલ્દુ	સહ સંશોધન વૈજ્ઞાનિક	૧૨૦૦૯	131800-2191	૦૦ (૨૩૬૮૫૬)		
	૨૭	ડો. એચ.આર.દેસાઈ	સહ સંશો. વૈજ્ઞા.(એન્ટો.)	૧૨૦૦૯	131800-2191	०० (२७०७३९)		
	૨૮	ર્ડા.એમ.એમ.પટેલ	સહ સંશોધન વૈજ્ઞાનિક	૧૨૦૦૯	१३१४००–२१७१	०० (२९९४३१)		
	રહ	શ્રી ડી.એમ.પટેલ	મદદ. સંશો.વૈજ્ઞા. (બ્રીડીંગ)	૧૨૦૦૯	૬૮૯૦૦–૨૦૫૫૦	૦ (૧૮૨૭૮૨)		
	30	ર્ડા. પ્રિતી આર.પરમાર	મદદ.સંશો.વૈજ્ઞા.(માઈક્રોબાયો.)	૧૨૦૦૯	૫૭૭૦૦–૧૮૨૪૦	૦(૧૨૮૩૫૮)		
	૩૧	જયોતિ એમ.વર્મા	સ્ટેનો ગ્રેડ–ર	૧૨૦૦૯	૩૫૪૦૦–૧૧૨૪૦	० (९१०७९)		
	૩ર	શ્રી ડી.એચ.પટેલ	સહ સંશોધન વૈજ્ઞાનિક	૧૨૦૧૪	131800-2191	oo(२ <i>२२</i> ४३१)		
	૩૩	ર્ડા. જી.આર.ભંડેરી	મદદ.સંશો.વૈજ્ઞા.(કીટકશાસ્ત્ર)	૧૨૦૧૪	૬૮૯૦૦–૨૦૫૫૦	୦ (१७७३५८)		
<i>.</i>	૩૪	ડો. આર.બી.કટગી	મદદ.સંશો.વૈજ્ઞા.(બાયો–ટેક)	૧૨૦૧૪	49900-92280	૦ (૧૧૯૮૪૫)		
(૧૧)	તમામ	યોજનાઓ, સૂચિત ખર્ચ ર	અને ચુકવેલા નાશાં પરના અહેવ	ાલોની વિગત	ાં દશોવતી, તેની દરેક	એજન્સીને ફાળવેલ		
	અદાજ	' U A,			· · · · · · · · · · · · · · · · · · ·	0.0.00		
	સરકાર	પશ્રાના કાષ અન સહકાર વ પ્રોજ પર પે અવ્યુપે કાર્યું ક	ાભાગ દારા ાવાવધ પ્લાન તથા ના	ન પ્લાન યાજ પ્રાદ્યાની ગ	નાઆનુ બજટ મજૂર ક	રા યુાનવાસટા દારા		
	ાવાવધ આવે હ	ેયાજનાઓ પ્રમાણ આયા તે. આ કાળવેલ આ-ર પ્રજલ	જન આધકારાશ્રા તથા ાહસાબા · પ્રત્યામાં દીપ વર્ષ દુવવુપાન ખર્વ દવ	આધકારા–વ- વામાં આવે હે	-ાહસાબ ાનયામકશ્રા પ્રાત્તે વર્ષના સંત્રે પ્રતિ	મારફત ફાળવવામાં		
	આવે છે. આ ફાળવેલ ગ્રાન્ટ મુજબ નાણાંકીય વર્ષ દરમ્યાન ખૂર્ચ કરવામાં આવે છે અને વર્ષના અંતે યુનિવર્સિટી દ્વારા સંયુક							
	અહેતા	ຜ ລ້າມລ ເວດເນຍ່ ວມດີ ເ	ે હિંગાલી અહેવાલ અનેની મહિ	ને વર્ચિટી ના દિ	ร้ ฉแฟวงβิเผวิ	டி பாடி பாடி		
	અહેવા ડાગ તે	લ તૈયાર કરવામાં આવે છે યાર કરવામાં આવે છે જેન	9ે. હિસાબી અહેવાલ અત્રેની યુ ને સરકારશીમાં રજ કરવામાં આવે	નેવર્સિટીના બિ	કેસાબીઅધિકારી–વ– ગંત આઈ ગ્રીઝેઆગ ય	હિસાબ નિયામકશ્રી જનાઓની પોજેક્ટ		
	અહેવા દારા તૈ કો–અ	લ તૈયાર કરવામાં આવે છે યાર કરવામાં આવે છે, જેને ોર્ડીનેટરશ્રી (કપાસ) દારા	9ે. હિસાબી અહેવાલ અત્રેની યુ િ તે સરકારશ્રીમાં રજૂ કરવામાં આવે વિવિધ આઈસીએઆરની ગ્રાન્ટ	નેવર્સિટીના તિ ો છે. આ ઉપ મંજર કરી	કેસાબીઅધિકારી–વ– રાંત આઈસીએઆર યે અત્રેના કેન્દ્રને કાળવવ	હિસાબ નિયામકશ્રી જેનાઓની પ્રોજેકટ મમાં આવે છે. આ		
	અહેવા દ્વારા તૈ કો–અં કાળવેલ	લ તૈયાર કરવામાં આવે છે. યાર કરવામાં આવે છે, જેને ોર્ડીનેટરશ્રી,(કપાસ) દ્વારા લ ગ્રાન્ટ મજબ નાણાંકીય લ	9ે. હિસાબી અહેવાલ અત્રેની યુ િ સરકારશ્રીમાં રજૂ કરવામાં આવે વિવિધ આઈસીએઆરની ગ્રાન્ટ વર્ષદરમ્યાન ખર્ચ કરવામાં આવે ક	નેવર્સિટીના નિ ો છે. આ ઉપ મંજૂર કરી છે અને વર્ષન	કેસાબીઅધિકારી–વ– રાંત આઈસીએઆર યે અત્રેના કેન્દ્રને ફાળવવ ⊨અંતે ગ્રાન્ટ વપરાશ	હિસાબ નિયામકશ્રી જેનાઓની પ્રોજેકટ ાામાં આવે છે. આ પ્રમાણપત્ર હિસાબી		
	અહેવા દ્વારા તે કો–અ ફાળવેલ અધિક	લ તૈયાર કરવામાં આવે છે યાર કરવામાં આવે છે, જેને ોર્ડીનેટરશ્રી,(કપાસ) દ્વારા લ ગ્રાન્ટ મુજબ નાણાંકીય બ ારી–વ–હિસાબ નિયામકક	9ે. હિસાબી અહેવાલ અત્રેની યુર્િ તે સરકારશ્રીમાં રજૂ કરવામાં આવે વિવિધ આઈસીએઆરની ગ્રાન્ટ વર્ષદરમ્યાન ખર્ચ કરવામાં આવે ધ્ શ્રી દ્વારા તૈયાર કરવામાં આવે	નેવર્સિટીના હિ ો છે. આ ઉપ મંજૂર કરી છે અને વર્ષન છે અને પ્રો ⁰	કેસાબીઅધિકારી–વ– રાંત આઈસીએઆર યે અત્રેના કેન્દ્રને ફાળવવ ા અંતે ગ્રાન્ટ વપરાશ ૪ેકટ કો–ઓર્ડીનેટરશ્ર	હિસાબ નિયામકશ્રી જનાઓની પ્રોજેકટ ાામાં આવે છે. આ પ્રમાણપત્ર હિસાબી ો.(કપાસ) મારક્ત		
	અહેવા દ્વારા તૈ કો–અ ફાળવેલ અધિક આઈસ્	લ તૈયાર કરવામાં આવે છે યાર કરવામાં આવે છે, જેને ોર્ડીનેટરશ્રી,(કપાસ) દ્વારા લ ગ્રાન્ટ મુજબ નાણાંકીય બ ારી–વ–હિસાબ નિયામકક ીએઆરમાં રજ કરવામાં અ	9ે. હિસાબી અહેવાલ અત્રેની યુ િ સરકારશ્રીમાં રજૂ કરવામાં આવે વિવિધ આઈસીએઆરની ગ્રાન્ટ વર્ષદરમ્યાન ખર્ચ કરવામાં આવે શ્રી દ્વારા તૈયાર કરવામાં આવે નાવે છે.	નેવર્સિટીના તિ ો છે. આ ઉપ મંજૂર કરી છે અને વર્ષન છે અને પ્રો ⁰	કેસાબીઅધિકારી–વ– રાંત આઈસીએઆર યે અત્રેના કેન્દ્રને ફાળવવ ા અંતે ગ્રાન્ટ વપરાશ ૪ેકટ કો–ઓર્ડીનેટરશ્ર	હિસાબ નિયામકશ્રી જેનાઓની પ્રોજેકટ ાામાં આવે છે. આ પ્રમાણપત્ર હિસાબી ો,(કપાસ) મારફ્ત		
	અહેવા દ્વારા તે કો–અ ફાળવેબ અધિક આઈસ	લ તૈયાર કરવામાં આવે છે. યાર કરવામાં આવે છે, જેને ોર્ડીનેટરશ્રી,(કપાસ) દ્વારા લ ગ્રાન્ટ મુજબ નાણાંકીય બ ારી–વ–હિસાબ નિયામકક ીએઆરમાં રજૂ કરવામાં અ	9ે. હિસાબી અહેવાલ અત્રેની યુ િ સરકારશ્રીમાં રજૂ કરવામાં આવે વિવિધ આઈસીએઆરની ગ્રાન્ટ વર્ષદરમ્યાન ખર્ચ કરવામાં આવે ક શ્રી દ્વારા તૈયાર કરવામાં આવે માવે છે.	નેવર્સિટીના હિ ો છે. આ ઉપ મંજૂર કરી છે અને વર્ષન છે અને પ્રોલ્	કેસાબીઅધિકારી–વ– રાંત આઈસીએઆર યે અત્રેના કેન્દ્રને ફાળવવ ા અંતે ગ્રાન્ટ વપરાશ ૪ેકટ કો–ઓર્ડીનેટરશ્ર	હિસાબ નિયામકંશ્રી જેનાઓની પ્રોજેકટ ાામાં આવે છે. આ પ્રમાણપત્ર હિસાબી ો,(કપાસ) મારફત		
	અહેવા દ્વારા તૈ કો–અ ફાળવેલ અધિક આઈસ	લ તૈયાર કરવામાં આવે છે. યાર કરવામાં આવે છે, જેને ોર્ડીનેટરશ્રી,(કપાસ) દારા લ ગ્રાન્ટ મુજબ નાણાંકીય બ ારી–વ–હિસાબ નિયામકક ીએઆરમાં રજૂ કરવામાં અ	9ે. હિસાબી અહેવાલ અત્રેની યુ િ સરકારશ્રીમાં રજૂ કરવામાં આવે વિવિધ આઈસીએઆરની ગ્રાન્ટ વર્ષદરમ્યાન ખર્ચ કરવામાં આવે ધ શ્રી દ્વારા તૈયાર કરવામાં આવે તાવે છે. (ત	નેવર્સિટીના તિ ાં છે. આ ઉપ મંજૂર કરી છે અને વર્ષન છે અને પ્રોલ્ ા.૦૧/૦૫/ ૨૦	કેસાબીઅધિકારી–વ– રાંત આઈસીએઆર યે અત્રેના કેન્દ્રને ફાળવવ ા અંતે ગ્રાન્ટ વપરાશ ૪ેકટ કો–ઓર્ડીનેટરશ્ર ર પની પરિસ્થિતિએ યો જન	હિસાબ નિયામકંશ્રી જેનાઓની પ્રોજેકટ ામાં આવે છે. આ પ્રમાણપત્ર હિસાબી ો,(કપાસ) મારફત ા અને ગ્રાન્ટની વિગત)		
	અહેવા દ્વારા તૈ કો—અં ફાળવેલ અધિક આઈસ્	લ તૈયાર કરવામાં આવે છે યાર કરવામાં આવે છે, જેને ોર્ડીનેટરશ્રી,(કપાસ) દ્વારા લ ગ્રાન્ટ મુજબ નાણાંકીય બ ારી–વ–હિસાબ નિયામકક ીએઆરમાં રજૂ કરવામાં અ	9ે. હિસાબી અહેવાલ અત્રેની યુ િ સરકારશ્રીમાં રજૂ કરવામાં આવે વિવિધ આઈસીએઆરની ગ્રાન્ટ વર્ષદરમ્યાન ખર્ચ કરવામાં આવે શ્રી દ્વારા તૈયાર કરવામાં આવે માવે છે. (ત	નેવર્સિટીના તિ ો છે. આ ઉપ મંજૂર કરી છે અને વર્ષન છે અને પ્રો ^લ I.01/0૫/૨૦	કેસાબીઅધિકારી–વ– રાંત આઈસીએઆર યે અત્રેના કેન્દ્રને ફાળવવ ા અંતે ગ્રાન્ટ વપરાશ ૪ેકટ કો–ઓર્ડીનેટરશ્ર રપની પરિસ્થિતિએ યોજન	હિસાબ નિયામકંશ્રી જનાઓની પ્રોજેકટ ામાં આવે છે. આ પ્રમાણપત્ર હિસાબી ો,(કપાસ) મારફ્ત ા અને ગ્રાન્ટની વિગત)		
	અહેવા દ્વારા તૈ કો–અં ફાળવેલ અધિક આઈસ્	લ તૈયાર કરવામાં આવે છે. યાર કરવામાં આવે છે, જેને ોર્ડીનેટરશ્રી,(કપાસ) દ્વારા લ ગ્રાન્ટ મુજબ નાણાંકીય બ ારી–વ–હિસાબ નિયામકક ીએઆરમાં રજૂ કરવામાં અ થોજ	9ે. હિસાબી અહેવાલ અત્રેની યુ ે સરકારશ્રીમાં રજૂ કરવામાં આવે વિવિધ આઈસીએઆરની ગ્રાન્ટ વર્ષદરમ્યાન ખર્ચ કરવામાં આવે ક શ્રી દ્વારા તૈયાર કરવામાં આવે તાવે છે. (ત	નેવર્સિટીના નિ ો છે. આ ઉપ મંજૂર કરી છે અને વર્ષન છે અને પ્રોળ ા.૦૧/૦૫/ ર૦ ચોજનાનું બજે સદર	કેસાબીઅધિકારી–વ– રાંત આઈસીએઆર યે અત્રેના કેન્દ્રને ફાળવવ ા અંતે ગ્રાન્ટ વપરાશ ૪ેકટ કો–ઓર્ડીનેટરર્શ રપની પરિસ્થિતિએ યોજન ટ µંજુર થયેલ ગ્રાન્ટ વર્ષ ૨૦૨૪–૨૫	હિસાબ નિયામકંશ્રી હેજનાઓની પ્રોજેકટ ાામાં આવે છે. આ પ્રમાણપત્ર હિસાબી ો,(કપાસ) મારફ્ત ા અને ગ્રાન્ટની વિગત) થયેલ ખર્ચ વર્ષ ૨૦૨૪ –૨૫		
	અહેવા દ્વારા તૈ કો–અં ફાળવેલ અધિક આઈસ્	લ તૈયાર કરવામાં આવે છે. યાર કરવામાં આવે છે, જેને ોર્ડીનેટરશ્રી,(કપાસ) દ્વારા લ ગ્રાન્ટ મુજબ નાણાંકીય બ ારી–વ–હિસાબ નિયામકક ીએઆરમાં રજૂ કરવામાં અ યોજ	9ે. હિસાબી અહેવાલ અત્રેની યુ ો સરકારશ્રીમાં રજૂ કરવામાં આવે વિવિધ આઈસીએઆરની ગ્રાન્ટ વર્ષદરમ્યાન ખર્ચ કરવામાં આવે છ શ્રી દ્વારા તૈયાર કરવામાં આવે તાવે છે. (ત (તાનું નામ આઈ.સી.એ.આ	નેવર્સિટીના નિ ો છે. આ ઉપ મંજૂર કરી છે અને વર્ષન છે અને પ્રોળ ા.૦૧/૦૫/ ર૦ ચોજનાનું બજે સદર ાર.	કેસાબીઅધિકારી–વ– રાંત આઈસીએઆર યે અત્રેના કેન્દ્રને ફાળવવ ા અંતે ગ્રાન્ટ વપરાશ ૪ેકટ કો–ઓર્ડીનેટરશ્ર રપની પરિસ્થિતિએ યોજન ટ મંજુર થયેલ ગ્રાન્ટ વર્ષ ૨૦૨૪–૨૫	હિસાબ નિયામકંશ્રી હેજનાઓની પ્રોજેકટ ામાં આવે છે. આ પ્રમાણપત્ર હિસાબી ો,(કપાસ) મારફત ા અને ગ્રાન્ટની વિગત) થયેલ ખર્ચ વર્ષ ૨૦૨૪–૨૫		
	અહેવા દ્વારા તૈ કો—અ ફાળવેલ અધિક આઈસ્	લ તૈયાર કરવામાં આવે છે. યાર કરવામાં આવે છે, જેને ોર્ડીનેટરશ્રી,(કપાસ) દારા લ ગ્રાન્ટ મુજબ નાણાંકીય બ ારી–વ–હિસાબ નિયામકક ીએઆરમાં રજૂ કરવામાં અ યોજ ઓલ ઈન્ડીયા કો–ઓર્ડીનેટેડ ક	9ે. હિસાબી અહેવાલ અત્રેની યુ ે સરકારશ્રીમાં રજૂ કરવામાં આવે વિવિધ આઈસીએઆરની ગ્રાન્ટ વર્ષદરમ્યાન ખર્ચ કરવામાં આવે છે શ્રી દ્વારા તૈયાર કરવામાં આવે તાવે છે. (ત (નાનું નામ આઈ.સી.એ.આ રીસર્ચ પ્રોજેક્ટ ઈન કોટન	નેવર્સિટીના નિ ો છે. આ ઉપ મંજૂર કરી છે અને વર્ષન છે અને પ્રોળ શ.૦૧/૦૫/ ર૦ ચોજનાનું બજે સદર ર૦૦૯	કેસાબીઅધિકારી–વ– રાંત આઈસીએઆર યે અત્રેના કેન્દ્રને ફાળવવ ા અંતે ગ્રાન્ટ વપરાશ જેકટ કો–ઓર્ડીનેટરર્શ રપની પરિસ્થિતિએ યોજન ર મંજુર થયેલ ગ્રાન્ટ વર્ષ ૨૦૨૪–૨૫ 1૮૪૦૦૮૫૭.૧૯	હિસાબ નિયામકંશ્રી હેજનાઓની પ્રોજેકટ ાામાં આવે છે. આ પ્રમાણપત્ર હિસાબી ો,(કપાસ) મારફ્ત ા અને ગ્રાન્ટની વિગત) થયેલ ખર્ચ વર્ષ ૨૦૨૪–૨૫ ૧૭૬૭૩૦૮૪.૧૯		
	અહેવા દ્વારા તૈ કો–અ ફાળવેલ અધિક આઈસ્	લ તૈયાર કરવામાં આવે છે. યાર કરવામાં આવે છે, જેને ોર્ડીનેટરશ્રી,(કપાસ) દારા લ ગ્રાન્ટ મુજબ નાણાંકીય બ ારી–વ–હિસાબ નિયામકક ીએઆરમાં રજૂ કરવામાં અ યોજ ઓલ ઈન્ડીયા કો–ઓર્ડીનેટેડ :	9ે. હિસાબી અહેવાલ અત્રેની યુ ે સરકારશ્રીમાં રજૂ કરવામાં આવે વિવિધ આઈસીએઆરની ગ્રાન્ટ વર્ષદરમ્યાન ખર્ચ કરવામાં આવે છ શ્રી દારા તૈયાર કરવામાં આવે યાવે છે. (ત (નાનું નામ આઈ.સી.એ.આ રીસર્ચ પ્રોજેક્ટ ઈન કોટન પ્લાન સ્ક્રીમ	નેવર્સિટીના નિ ો છે. આ ઉપ મંજૂર કરી છે અને વર્ષન છે અને પ્રોળ ા.૦૧/૦૫/ ર૦ ચોજનાનું બજે સદર ર૦૦૯	કેસાબીઅધિકારી–વ– રાંત આઈસીએઆર યે અત્રેના કેન્દ્રને ફાળવવ ા અંતે ગ્રાન્ટ વપરાશ ૪ેકટ કો–ઓર્ડીનેટરર્શ રપની પરિસ્થિતિએ યોજન ટ મંજુર થયેલ ગ્રાન્ટ વર્ષ ૨૦૨૪–૨૫	હિસાબ નિયામકંશ્રી હેજનાઓની પ્રોજેકટ ામાં આવે છે. આ પ્રમાણપત્ર હિસાબી ો,(કપાસ) મારફ્ત ા અને ગ્રાન્ટની વિગત) થયેલ ખર્ચ વર્ષ ૨૦૨૪–૨૫ ૧૭૬૭૩૦૮૪.૧૯		
	અહેવા દ્વારા તૈ કો—અ ફાળવેલ અધિક આઈસ્ ક્રમ ૧ ૨	લ તૈયાર કરવામાં આવે છે યાર કરવામાં આવે છે, જેને હેર્ડીનેટરશ્રી,(કપાસ) દ્વારા લ ગ્રાન્ટ મુજબ નાણાંકીય બ ારી–વ–હિસાબ નિયામકક ીએઆરમાં રજૂ કરવામાં અ યોજ ઓલ ઈન્ડીયા કો–ઓર્ડીનેટેડ એસ્ટાબ્લીસમેન્ટ ઓફ સેન્ટર	9ે. હિસાબી અહેવાલ અત્રેની યુ વેવિધ આઈસીએઆરની ગ્રાન્ટ વર્ષદરમ્યાન ખર્ચ કરવામાં આવે શ્રી દ્વારા તૈયાર કરવામાં આવે તાવે છે. (ત (નાનું નામ સર્ચ પ્રોજેક્ટ ઈન કોટન પ્લાન સ્ક્રીમ એફ એક્ષેલન્સ ફોર કોટન	નેવર્સિટીના નિ ો છે. આ ઉપ મંજૂર કરી છે અને વર્ષન છે અને પ્રોળ ા.૦૧/૦૫/ ર૦ ચોજનાનું બજે સદર ર૦૦૯ ૧૨૦૦૯	કેસાબીઅધિકારી–વ– રાંત આઈસીએઆર યે અત્રેના કેન્દ્રને ફાળવવ ા અંતે ગ્રાન્ટ વપરાશ ૪ેકટ કો–ઓર્ડીનેટરશ્ર રપની પરિસ્થિતિએ યોજન ટ મંજુર થયેલ ગ્રાન્ટ વર્ષ ૨૦૨૪–૨૫ ૧૮૪૦૦૮૫૭.૧૯	હિસાબ નિયામકંશ્રી જેનાઓની પ્રોજેકટ શમાં આવે છે. આ પ્રમાણપત્ર હિસાબી ો,(કપાસ) મારફત થયેલ ખર્ચ વર્ષ ૨૦૨૪–૨૫ ૧૭૬૭૩૦૮૪.૧૯		
	અહેવા દ્વારા તૈ કો—અ ફાળવેલ અધિક આઈસ્ ક્રમ વ ર ર	લ તૈયાર કરવામાં આવે છે યાર કરવામાં આવે છે, જેને ોર્ડીનેટરશ્રી,(કપાસ) દારા લ ગ્રાન્ટ મુજબ નાણાંકીય બ ારી–વ–હિસાબ નિયામકક ીએઆરમાં રજૂ કરવામાં અ યોજ ઓલ ઈન્ડીયા કો–ઓર્ડીનેટેડ એસ્ટાબ્લીસમેન્ટ ઓફ સેન્ટર સ્ટ્રેન્ઘનીંગ ઓફ ફેસીલીટી ફોર કોટન	9ે. હિસાબી અહેવાલ અત્રેની યુ ે સરકારશ્રીમાં રજૂ કરવામાં આવે વિવિધ આઈસીએઆરની ગ્રાન્ટ વર્ષદરમ્યાન ખર્ચ કરવામાં આવે છ શ્રી દ્વારા તૈયાર કરવામાં આવે શ્રી દ્વારા તૈયાર કરવામાં આવે શ્રી દ્વારા તૈયાર કરવામાં આવે (ત (તા (તાનું નામ આઈ.સી.એ.આ રીસર્ચ પ્રોજેકટ ઈન કોટન પ્લાન સ્ક્રીમ એફ એક્ષેલન્સ ફોર કોટન	નેવર્સિટીના નિ ો છે. આ ઉપ મંજૂર કરી છે અને વર્ષન છે અને પ્રોપ પોજનાનું બજે સદર ચોજનાનું બજે સદર ચે. ર૦૦૯ ૧૨૦૦૯ ૧૨૦૦૪	કેસાબીઅધિકારી—વ— રાંત આઈસીએઆર યે અત્રેના કેન્દ્રને ફાળવવ ા અંતે ગ્રાન્ટ વપરાશ જેકટ કો—ઓર્ડીનેટરર્શ રપની પરિસ્થિતિએ યોજન ટ મંજુર થયેલ ગ્રાન્ટ વર્ષ ૨૦૨૪–૨૫ ૧૮૪૦૦૮૫૭.૧૯ ૧૮૦૮૬૦૦૦.૦૦ ૯૮૬૯૦૦૦.૦૦	હિસાબ નિયામકંશ્રી જેનાઓની પ્રોજેકટ ામાં આવે છે. આ પ્રમાણપત્ર હિસાબી ો,(કપાસ) મારફ્ત થયેલ ખર્ચ વર્ષ ૨૦૨૪–૨૫ ૧૭૬૭૩૦૮૪.૧૯ ૧૮૦૪૫૭૪૭.૦૦ ૯૮૨૮૦૯૯.૦૦		
	અહેવા દ્વારા તૈ કો—અ ફાળવેલ અધિક આઈસ્ ક્રમ ૧ ૨ ૩	લ તૈયાર કરવામાં આવે છે પ્યાર કરવામાં આવે છે, જેને ોર્ડીનેટરશ્રી,(કપાસ) દ્વારા લ ગ્રાન્ટ મુજબ નાણાંકીય બ ારી–વ–હિસાબ નિયામકક ીએઆરમાં રજૂ કરવામાં અ યોજ ઓલ ઈન્ડીયા કો–ઓર્ડીનેટેડ એસ્ટાબ્લીસમેન્ટ ઓફ સેન્ટર સ્ટ્રેન્ઘનીગ ઓફ ફેસીલીટી ફોર કોટન	9ે. હિસાબી અહેવાલ અત્રેની યુ વિવિધ આઈસીએઆરની ગ્રાન્ટ વર્ષદરમ્યાન ખર્ચ કરવામાં આવે છ શ્રી દ્વારા તૈયાર કરવામાં આવે છ શ્રી દ્વારા તૈયાર કરવામાં આવે તાવે છે. (ત (નાનું નામ આઈ.સી.એ.આ રીસર્ચ પ્રોજેક્ટ ઈન કોટન પ્લાન સ્ક્રીમ એફ એક્ષેલન્સ ફોર કોટન ડેવલોપમેન્ટ ઓફ ટ્રાન્સજેનીક નોન પ્લાન સ્ક્રી	નેવર્સિટીના નિ ો છે. આ ઉપ મંજૂર કરી છે અને વર્ષન છે અને પ્રોળ ા.૦૧/૦૫/ ર૦ ચોજનાનું બજે સદર ર૦૦૯ ૧૨૦૦૯ ૧૨૦૦૪ મ	કેસાબીઅધિકારી—વ— રાંત આઈસીએઆર યે અત્રેના કેન્દ્રને ફાળવવ ા અંતે ગ્રાન્ટ વપરાશ જેકટ કો—ઓર્ડીનેટરર્શ રપની પરિસ્થિતિએ યોજન ટ મંજુર થયેલ ગ્રાન્ટ વર્ષ ૨૦૨૪–૨૫ ૧૮૪૦૦૮૫૭.૧૯ ૧૮૮૬૯૦૦૦.૦૦	હિસાબ નિયામકંશ્રી જેનાઓની પ્રોજેકટ શમાં આવે છે. આ પ્રમાણપત્ર હિસાબી ો, (કપાસ) મારફત શયેલ ખર્ચ વર્ષ ૨૦૨૪–૨૫ ૧૭૬૭૩૦૮૪.૧૯ ૧૮૦૪૫૭૪૭.૦૦ ૯૮૨૮૦૯૯.૦૦		
	અહેવા દ્વારા તૈ કો—અં ફાળવેલ અધિક આઈસ્ ક્રમ ૧ ૨ ૨ ૨	લ તૈયાર કરવામાં આવે છે યાર કરવામાં આવે છે, જેને ડેર્ડીનેટરશ્રી,(કપાસ) દારા લ ગ્રાન્ટ મુજબ નાણાંકીય બ ારી–વ–હિસાબ નિયામકક ીએઆરમાં રજૂ કરવામાં અ યોજ યોજ ચેસ્ટાબ્લીસમેન્ટ ઓફ સેન્ટર સ્ટ્રેન્ધનીંગ ઓફ ફેસીલીટી ફોર કોટન	9ે. હિસાબી અહેવાલ અત્રેની યુ વિવિધ આઈસીએઆરની ગ્રાન્ટ વર્ષદરમ્યાન ખર્ચ કરવામાં આવે શ્રી દ્વારા તૈયાર કરવામાં આવે તાવે છે. (ત (નાનું નામ સર્ચ પ્રોજેકટ ઈન કોટન પ્લાન સ્ક્રીમ એફ એક્ષેલન્સ ફોર કોટન ડેવલોપમેન્ટ ઓફ ટ્રાન્સજેનીક નોન પ્લાન સ્ક્રી	નેવર્સિટીના નિ ો છે. આ ઉપ મંજૂર કરી છે અને વર્ષન છે અને પ્રોળ ા.૦૧/૦૫/ ૨૦ ચોજનાનું બજે સદર ચોજનાનું બજે સદર ચે. ૨૦૦૯ ૧૨૦૦૯ ૧૨૦૦૯ ૧૨૦૦૯	કેસાબીઅધિકારી—વ— રાંત આઈસીએઆર યે અત્રેના કેન્દ્રને ફાળવવ ા અંતે ગ્રાન્ટ વપરાશ જેકટ કો—ઓર્ડીનેટરર્શ રપની પરિસ્થિતિએ યોજન ર મંજુર થયેલ ગ્રાન્ટ વર્ષ ૨૦૨૪–૨૫ ૧૮૪૦૦૮૫૭.૧૯ ૧૮૮૪૦૦૦.૦૦ ૯૮૪૯૦૦૦.૦૦	હિસાબ નિયામકંશ્રી જેનાઓની પ્રોજેકટ ામાં આવે છે. આ પ્રમાણપત્ર હિસાબી ો, (કપાસ) મારફ્ત ા અને ગ્રાન્ટની વિગત) થયેલ ખર્ચ વર્ષ ૨૦૨૪–૨૫ ૧૭૬૭૩૦૮૪.૧૯ ૧૮૦૪૫૭૪૭.૦૦ ૯૮૨૮૦૯૯.૦૦		
	અહેવા દ્વારા તૈ કો—અ ફાળવેલ અધિક આઈસ્ ક્રમ ૧ ૨ ૨ ૨	લ તૈયાર કરવામાં આવે છે પ્યાર કરવામાં આવે છે, જેને ડેર્ડીનેટરશ્રી,(કપાસ) દ્વારા લ ગ્રાન્ટ મુજબ નાણાંકીય બ ારી–વ–હિસાબ નિયામકક ીએઆરમાં રજૂ કરવામાં અ યોજ ઓલ ઈન્ડીયા કો–ઓર્ડીનેટેડ એસ્ટાબ્લીસમેન્ટ ઓફ સેન્ટર સ્ટ્રેન્ધનીંગ ઓફ ફેસીલીટી ફોર કોટન	9ે. હિસાબી અહેવાલ અત્રેની યુ ે સરકારશ્રીમાં રજૂ કરવામાં આવે વિવિધ આઈસીએઆરની ગ્રાન્ટ વર્ષદરમ્યાન ખર્ચ કરવામાં આવે છ શ્રી દ્વારા તૈયાર કરવામાં આવે શ્રી દ્વારા તૈયાર કરવામાં આવે શ્રી દ્વારા તૈયાર કરવામાં આવે શ્રી દ્વારા તૈયાર કરવામાં આવે (ત પ્લાન સ્ક્રીમ અંધર એજન્સી સ્પોન્સર્ડ બાય અંધર એજન્સી સ્પોન્સર્ડ બાય	નેવર્સિટીના નિ ો છે. આ ઉપ મંજૂર કરી છે અને વર્ષન છે અને પ્રોળ ૦૧/૦૫/ ૨૦ ચોજનાનું બજે સદર ચોજનાનું બજે સદર	કેસાબીઅધિકારી—વ— રાંત આઈસીએઆર યે અત્રેના કેન્દ્રને ફાળવવ ા અંતે ગ્રાન્ટ વપરાશ જેકટ કો—ઓર્ડીનેટરર્શ રપની પરિસ્થિતિએ યોજન ટ મંજુર થયેલ ગ્રાન્ટ વર્ષ ૨૦૨૪–૨૫ ૧૮૪૦૦૮૫૭.૧૯ ૧૮૮૪૦૦૦.૦૦ ૯૮૪૯૦૦૦.૦૦	હિસાબ નિયામકંશ્રી જેનાઓની પ્રોજેકટ ામાં આવે છે. આ પ્રમાણપત્ર હિસાબી ો, (કપાસ) મારફ્ત થયેલ ખર્ચ વર્ષ ૨૦૨૪–૨૫ ૧૭૬૭૩૦૮૪.૧૯ ૧૮૦૪૫૭૪૭.૦૦ ૯૮૨૮૦૯૯.૦૦		
	અહેવા દ્વારા તૈ કો – અં ફાળવેલ અધિક આઈસ્ ક્રમ વ ર ર પ	લ તૈયાર કરવામાં આવે છે. યાર કરવામાં આવે છે, જેને ડેર્નિટરશ્રી,(કપાસ) દ્વારા લ ગ્રાન્ટ મુજબ નાણાંકીય બ ારી–વ–હિસાબ નિયામકક ીએઆરમાં રજૂ કરવામાં અ યોજ ઓલ ઈન્ડીયા કો–ઓર્ડીનેટેડ એસ્ટાબ્લીસમેન્ટ ઓફ સેન્ટર સ્ટ્રેન્ધનીંગ ઓફ ફેસીલીટી ફોર કોટન પ્રોજેકટ ફોર રીર્સચ ઈન કોટન ટેસ્ટીંગ ઓફ બીટી હાઈબ્રીડ /	9ે. હિસાબી અહેવાલ અત્રેની યુ ે સરકારશ્રીમાં રજૂ કરવામાં આવે વિવિધ આઈસીએઆરની ગ્રાન્ટ વર્ષદરમ્યાન ખર્ચ કરવામાં આવે છે શ્રી દ્વારા તૈયાર કરવામાં આવે તાવે છે. (ત (નાનું નામ આઈ.સી.એ.આ રીસર્ચ પ્રોજેક્ટ ઈન કોટન પ્લાન સ્ક્રીમ એફ એક્ષેલન્સ ફોર કોટન ડેવલોપમેન્ટ ઓફ ટ્રાન્સજેનીક નોન પ્લાન સ્ક્રી બેધર એજન્સી સ્પોન્સર્ડ બાય વેરાયટીઝ ઓફ કોટન રીસીલ્ડ થ્રુ	નેવર્સિટીના નિ ો છે. આ ઉપ મંજૂર કરી છે અને વર્ષન છે અને પ્રોળ ા.૦૧/૦૫/ ૨૦ ચોજનાનું બજે સદર ચેજનાનું બજે સદર ચેર૦૦૯ ૧૨૦૦૯ ૧૨૦૦૯ પાઈવેટ કંપની ૨૦૦૯–૦૪	કેસાબીઅધિકારી—વ— રાંત આઈસીએઆર યે અત્રેના કેન્દ્રને ફાળવવ ા અંતે ગ્રાન્ટ વપરાશ જેકટ કો—ઓર્ડીનેટરર્શ રપની પરિસ્થિતિએ યોજન ર મંજુર થયેલ ગ્રાન્ટ વર્ષ ૨૦૨૪—૨૫ ૧૮૪૦૦૮૫૭.૧૯ ૧૮૮૬૯૦૦૦.૦૦ ૧૨૮૨૬૦૦૦.૦૦	હિસાબ નિયામકંશ્રી જેનાઓની પ્રોજેકટ શમાં આવે છે. આ પ્રમાણપત્ર હિસાબી ો, (કપાસ) મારફત થયેલ ખર્ચ વર્ષ ૨૦૨૪–૨૫ ૧૭૬૭૩૦૮૪.૧૯ ૧૮૦૪૫૭૪૭.૦૦ ૯૮૨૮૦૯૯.૦૦ ૨૫૩૪૯૧૬.૦૦		
	અહેવા દ્વારા તૈ કો – અં ફાળવેલ અધિક આઈસ્ ક્રમ વ ર ર પ	લ તૈયાર કરવામાં આવે છે. યાર કરવામાં આવે છે, જેને ડેર્નિટરશ્રી,(કપાસ) દ્વારા લ ગ્રાન્ટ મુજબ નાણાંકીય બ ારી–વ–હિસાબ નિયામકક ીએઆરમાં રજૂ કરવામાં અ યોજ યોજ યોજ યોજ યોજ ટેસ્ટાબ્લીસમેન્ટ ઓફ સેન્ટર સ્ટ્રેન્ધનીંગ ઓફ ફેસીલીટી ફોર કોટન પ્રોજેકટ ફોર રીર્સચ ઈન કોટન ટેસ્ટીંગ ઓફ બીટી હાઈબ્રીડ / આઈસીએઆર એવલ્યાન ઓફ બીટી હાઈબ્રીડ /	9ે. હિસાબી અહેવાલ અત્રેની યુ ે. હિસાબી અહેવાલ અત્રેની યુ િ વિવિધ આઈસીએઆરની ગ્રાન્ટ વર્ષદરમ્યાન ખર્ચ કરવામાં આવે છે શ્રી દ્વારા તૈયાર કરવામાં આવે બાવે છે. (ત (નાનું નામ આઈ.સી.એ.આ (ત (નાનું નામ આઈ.સી.એ.આ (ત બાદ્ય પ્રોજેકટ ઈન કોટન પ્લાન સ્ક્રીમ એફ એક્ષેલન્સ ફોર કોટન પ્લાન સ્ક્રીમ એફ એક્ષેલન્સ ફોર કોટન વોન પ્લાન સ્ક્રી નોન પ્લાન સ્ક્રી બાદબી રઓફ કોટન રીસીલ્ડ થ્રુ	નેવર્સિટીના નિ ો છે. આ ઉપ મંજૂર કરી છે અને વર્ષન છે અને પ્રોળ 	કેસાબીઅધિકારી—વ— રાંત આઈસીએઆર યે અત્રેના કેન્દ્રને ફાળવવ ા અંતે ગ્રાન્ટ વપરાશ જેકટ કો—ઓર્ડીનેટરર્શ રપની પરિસ્થિતિએ યોજન ર મંજુર થયેલ ગ્રાન્ટ વર્ષ ૨૦૨૪—૨૫ ૧૮૪૦૦૮૫૭.૧૯ ૧૮૮૪૦૦૦.૦૦ ૯૮૪૯૦૦૦.૦૦	હિસાબ નિયામકંશ્રી જેનાઓની પ્રોજેકટ ાામાં આવે છે. આ પ્રમાણપત્ર હિસાબી ો, (કપાસ) મારફ્ત થયેલ ખર્ચ વર્ષ ૨૦૨૪–૨૫ ૧૭૬૭૩૦૮૪.૧૯ ૧૮૦૪૫૭૪૭.૦૦ ૯૮૨૮૦૯૯.૦૦ ૨૫૩૪૯૧ <i>૬</i> .૦૦		
	અહેવા દ્વારા તૈ કો—અ ફાળવેલ અધિક આઈસ્ ક્રમ વ ર ડ પ	લ તૈયાર કરવામાં આવે છે. યાર કરવામાં આવે છે, જેને ોર્ડીનેટરશ્રી,(કપાસ) દ્વારા લ ગ્રાન્ટ મુજબ નાણાંકીય બ ારી–વ–હિસાબ નિયામકક ીએઆરમાં રજૂ કરવામાં અ યોજ ઓલ ઈન્ડીયા કો–ઓર્ડીનેટેડ એસ્ટાબ્લીસમેન્ટ ઓફ સેન્ટર સ્ટ્રેન્ધનીંગ ઓફ ફેસીલીટી ફોર કોટન પ્રોજેકટ ફોર રીર્સચ ઈન કોટન ટેસ્ટીંગ ઓફ બીટી હાઈબ્રીડ / આઈસીએઆર એવલ્યુશન ઓફ બી.ટી.કોટન Bio-safety research trial (9ે. હિસાબી અહેવાલ અત્રેની યુ ે સરકારશ્રીમાં રજૂ કરવામાં આવે વિવિધ આઈસીએઆરની ગ્રાન્ટ વર્ષદરમ્યાન ખર્ચ કરવામાં આવે છે શ્રી દ્વારા તૈયાર કરવામાં આવે તાવે છે. (ત (નાનું નામ આઈ.સી.એ.આ (ત (નાનું નામ આઈ.સી.એ.આ (ત (ત નોન પ્લાન સ્ક્રીમ એફ એક્ષેલન્સ ફોર કોટન ડેવલોપમેન્ટ ઓફ ટ્રાન્સજેનીક વેરાયટીઝ ઓફ કોટન રીસીવ્ડ થ્ર હાઈબ્રીડ ઓફ પ્રાઈવેટ કંપની BRL.1) for transgenic hybrids	નેવર્સિટીના નિ ો છે. આ ઉપ મંજૂર કરી છે અને વર્ષન છે અને વર્ષન છે અને પ્રોળ ા.01/0પ/ ર૦ ચોજનાનું બજે સદર ચોજનાનું બજે સદર ચેજે સ્ટેડ્ટ્ર્	કેસાબીઅધિકારી—વ— રાંત આઈસીએઆર યે અત્રેના કેન્દ્રને ફાળવવ ા અંતે ગ્રાન્ટ વપરાશ જેકટ કો—ઓર્ડીનેટરર્શ રપની પરિસ્થિતિએ યોજન ટ મંજુર થયેલ ગ્રાન્ટ વર્ષ ૨૦૨૪–૨૫ ૧૮૪૦૦૮૫૭.૧૯ ૧૮૮૪૦૦૦.૦૦ ૯૮ <i>૬</i> ૯૦૦૦.૦૦ ૧૨૮૨૬૦૦૦.૦૦	હિસાબ નિયામકંશ્રી જનાઓની પ્રોજેકટ શમાં આવે છે. આ પ્રમાણપત્ર હિસાબી ો, (કપાસ) મારફ્ત થયેલ ખર્ચ વર્ષ ૨૦૨૪–૨૫ ૧૭૬૭૩૦૮૪.૧૯ ૧૮૦૪૫૭૪૭.૦૦ ૯૮૨૮૦૯૯.૦૦ ૨૫૩૪૯૧૬.૦૦ ૧૨૫૭૩૮૩.૦૦ ૭૮૯૨૯૦.૦૦		
	અહેવા દ્વારા તૈ કો – અં ફાળવેલ અધિક આઈસ્ ક્રમ વ ર ડ પ	લ તૈયાર કરવામાં આવે છે. યાર કરવામાં આવે છે, જેને ડેર્ડીનેટરશ્રી,(કપાસ) દ્વારા લ ગ્રાન્ટ મુજબ નાણાંકીય બ ારી–વ–હિસાબ નિયામકક ીએઆરમાં રજૂ કરવામાં અ યોજ ઓલ ઈન્ડીયા કો–ઓર્ડીનેટેડ એસ્ટાબ્લીસમેન્ટ ઓફ સેન્ટર સ્ટ્રેન્ધનીંગ ઓફ ફેસીલીટી ફોર કોટન પ્રોજેક્ટ ફોર રીર્સચ ઈન કોટન ટેસ્ટીંગ ઓફ બીટી હાઈબ્રીડ / આઈસીએઆર એવલ્યુશન ઓફ બી.ટી.કોટન Bio-safety research trial (and events on evalue	9ે. હિસાબી અહેવાલ અત્રેની યુ ે. હિસાબી અહેવાલ અત્રેની યુ વિવિધ આઈસીએઆરની ગ્રાન્ટ વર્ષદરમ્યાન ખર્ચ કરવામાં આવે છે શ્રી દ્વારા તૈયાર કરવામાં આવે તાવે છે. (ત લાનું નામ આઈ.સી.એ.આ રીસર્ચ પ્રોજેક્ટ ઈન કોટન પ્લાન સ્ક્રીમ એફ એક્ષેલન્સ ફોર કોટન ડેવલોપમેન્ટ ઓફ ટ્રાન્સજેનીક નોન પ્લાન સ્ક્રી બેધર એજન્સી સ્પોન્સર્ડ બાય વેરાયટીઝ ઓફ કોટન રીસીવ્ડ થ્રુ હાઈબ્રીડ ઓફ પ્રાઈવેટ કંપની BRL.1) for transgenic hybrids ate insect resistance (Pink	નેવર્સિટીના નિ ો છે. આ ઉપ મંજૂર કરી છે અને વર્ષન છે અને પ્રોળ ા.૦૧/૦૫/ ૨૦ ચોજનાનું બજે સદર ચેજનાનું બજે સદર ચેજનાનું બજે સદર ચેજનાનું બજે સદર ચેર૦૦૯ ૧૨૦૦૯ ૧૨૦૦૯ ૧૨૦૦૯ ૧૨૦૦૯ ૧૨૦૦૯ ૧૨૦૦૯	કેસાબીઅધિકારી—વ— રાંત આઈસીએઆર યે અત્રેના કેન્દ્રને ફાળવવ ા અંતે ગ્રાન્ટ વપરાશ જેકટ કો—ઓર્ડીનેટરર્શ રપની પરિસ્થિતિએ યોજન ર મંજુર થયેલ ગ્રાન્ટ વર્ષ ૨૦૨૪–૨૫ ૧૮૪૦૦૮૫૭.૧૯ ૧૮૪૦૦૮૫૭.૧૯ ૧૮૪૦૦૦.૦૦ ૯૮૬૯૦૦૦.૦૦ ૧૨૮૨૬૦૦૦.૦૦ ૧૨૮૨૬૦૦૦.૦૦ ૧૨૮૨૬૦૦૦.૦૦	હિસાબ નિયામકંશ્રી જેનાઓની પ્રોજેકટ ાામાં આવે છે. આ પ્રમાણપત્ર હિસાબી ો, (કપાસ) મારફત થયેલ ખર્ચ વર્ષ ૨૦૨૪–૨૫ ૧૭૬૭૩૦૮૪.૧૯ ૧૮૦૪૫૭૪૭.૦૦ ૯૮૨૮૦૯૯.૦૦ ૧૧૯૯૮૦૬૮.૦૦ ૧૨૫૭૩૮૩.૦૦ ૭૮૯૨૯૦.૦૦		
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	એન.એફ.એસ.એમ. એફ.એલ.ડી.									
	୬	નેશનલ ફુડ સીકયુરીટી મીશન – કોટન એફ.એલ.ડી.–	૨૦૭૯	૩૮૯૧૦૨.૦૦	१८७८८०.००					
		(એ.આઈ.સી.આર.પી. સ્ટાફ દ્વારા)								
	٢	નેશનલ ફુડ સીકયુરીટી મીશન : કોમશીયલ ક્રોપ : કોટન :	૨૧૧૧	૯૦૯૦૩૧.૦૦	૬૧૩૧૨૪.૦૦					
		આઇ.આર.અમ. : પીક બાલ વામ								
	8	INMISIN MECIALISH MMISHIMITUL, SIZH	2432	કહરપરપ.૦૦	424053.00					
(a_2)	10	CCI-ICAR Collon BMPS Extension Project	2180 2122	ບິດເອຍິ່ງ ເພື່ອການ ເພື້ອການ ເພື່ອການ ເພື້ອການ ເພື່ອການ ເພື່າມີການ ເພື່ອການ ເພື່າມີ້າມີການ ເພື່າມີ ເພື່າມັນ ເພື່າມັນ ເພື່າມັນ ເພື່	<u>95299.00</u>					
(૧૨)	રાળવ	લ રકમાં સાહત સબસાડા કાયક્રમાના અમલ બજવણાના રાત	ા અનઅવા કાયક	માના લાભાથાઆના	iaviai.					
	ઉપરા	કત મુધ્દા અંત્રના કન્દ્રન લાગુ પડતા નથા. તમ છતા કન્દ્ર પ્રદેશના દેશ વિસ્તરાત્વાર સરબાઈ છે. તે કે સાથે છે.	ર સરકાર/રાજય	સરકારશ્રા દારા પ્રાપ્	૪ક૮મા ાનદશનના .ે					
	<u>જાગવ</u>	ાઇ હઠળ તના ાનયમમુજબ લાભાચાનકકા કરવામાં આવછ.	જમાહતા અત્રન	ા કચરાઅથા મળા શ	ເક.					
(૧૩)	તણ અ	ાપલ છૂટછાટા, પ્રવાનગાઆ અથવા આધકાતઆમળવના	રાના ાવગતા;							
	<u>ઉપરા</u>	કુત મુઘ્દા અત્રેના કેન્દ્રને લાગુ પડતા નથી. ૨૦૦૦ ૨૦૦૦								
(૧૪)	ઇલેકટ્ર	ર્ટ્રોનિક સ્વરૂપમાં તેને ઉપલબ્ધ અથવા તેની પાસેની માહિતીને	ાં લગતીવિગતાં ;							
	ઉપરો	કત મુઘ્દો અત્રેના કેન્દ્રને લાગુ પડતો નથી.								
(૧૫)	જાહેર	ં ઉપયોગ માટે નિભાવવામાં આવતા હોય, તો તેવા ગ્રં	ાંથાલય અથવા	તેના વાંચનકક્ષના 🤅	કામકાજના કલાકો					
	સહિત	નીમાહિતીમેળવવા માટે નાગરિકોને ઉપલબ્ધસુવિધાઓનીવિ	ાતો;							
	અત્રેન	ાં કેન્દ્ર દ્વારા ખેડૂતોપયોગી વિવિધ કૃષિ સાહિત્યો બહાર પા	ડવામાં આવે છે	અને આ સાહિત્યો ખે	બેડૂતોને વિના મુ લ્યે					
	વહેચષ	શી કરવામાં આવે છે. અત્રેના કેન્દ્ર ખાતે આવતાં મુલાકાતીઓ	ોને જરુરી સમજણ	ા આપવામાં આવે છે	. અત્રેના કેન્દ્ર ખાતે					
	એક મ	યુઝીયમ પણ બનાવવામાં આવેલ છે જેમાં કપાસની વિવિધ	ા જાતો અને વિવિ	ોધ ટેકનોલોજીને લગ	ાતા નમુના, ચાર્ટસ					
	વિગેરે	પ્રદર્શિત કરેલા છે. જે મુલાકાતીઓ કચેરી સમય દરમ્યાન જે	ોઈ શકે છે. નવસ	ારી કૃષિ યુનિવર્સિટી [,]	ની વેબસાઈટ ઉપર					
	સંશોધ	ન કેન્દ્રોનીવિગતમાં ખેડુતો માટે માર્ગદર્શનની માહિતી મુક	વામાં આવે છે.	વધુમાં મુલાકાત લેન	ાર ખેડુતોને જરૂરી					
	તાંત્રિક	તા માટેનાં પ્રદર્શિત કરેલ ફોલ્ડરો આપવામાં આવે છે.								
(٩۶)	જાહેર	માહિતીઅધિકારીઓના નામો, હોઘ્દોઅને બીજી વિગતો ;								
	કચેરી	નું નામઃ સંશોધન વૈજ્ઞાનિકશ્રી(કપાસ)નીકચેરી,								
	માહિત	ીઅધિકારીનું નામઃ ર્ડા. મનહરભાઈ સી.પટેલ								
	હોધ્દો	: સંશોધન વૈજ્ઞાનિક(કપાસ)								
		મુખ્ય કપાસ સંશોધન કેન્દ્ર,								
		નવસારી કૃષિ યુનિવર્સિટી,								
		સુરત–૩૯૫ ૦૦૭								
		ફોન નંબરઃ(૦ર <i>૬</i> ૧)૨ <i>૬૬</i> ૮૦૪૫								
		મોબાઈલ નંબરઃ ૯ <i>૬</i> ૩૮૭ ૭૦૭૭ર અને ૮૫૧૧૧૮૭૨	૨૪							
(૧૭)	ઠરાવવ	શમાં આવેતેવી બીજી માહિતી; પ્રસિધ્ધ કરવી જોઈશેઅને ત્ય	ારપછી દર વર્ષે ઃ	બા પ્રકાશનોનેઅદ્ય ત	ન કરવા જોઈએ.					
	– હા	– પ્રકાશનો નિયમિતરૂપે અઘતન કરવામાં આવેછે.								

(દેસાઈ એચ.આર.) મદદનીશ જાહેર માહિતી અધિકારી અને સહ સંશોધન વૈજ્ઞાનિક, મુખ્ય કપાસ સંશોધન કેન્દ્ર, નવસારી કૃષિ યુનિવર્સિટી, સુરત

corel

(પટેલ એમ.સી.) જાહેર માહિતી અધિકારીશ્રી અને સંશોધન વૈજ્ઞાનિક(કપાસ) મુખ્ય કપાસ સંશોધન કેન્દ્ર નવસારી કૃષિ યુનિવર્સિટી, સુરત





કચેરીનું નામ	જાહેર માહિતી અધિકારી (P.I.O)	મદદ.જાહેર માહિતી અધિકારી (A.P.I.O)	એપેલેટ ઓથોરીટી	RTI-2005 હેઠળની માહિતી અંગેની કામગીરી
સંશોધન વૈજ્ઞાનિકશ્રી	ડો. એમ.સી.પટેલ,	ડો. એચ.આર.દેસાઈ,	સંશોધન નિયામકશ્રી	કપાસ સંશોધન અને
મુખ્ય કપાસ સંશોધન કેન્દ્ર,	સંશોધન વૈજ્ઞાનિક,	સહ સંશોધન વૈજ્ઞાનિક,	નવસારી કૃષિ યુનિવર્સિટી	અઠવા ફાર્મ ઉપર
નવસારી કૃષિ યુનિવર્સિટી,	મુખ્ય કપાસ સંશોધન કેન્દ્ર,	મુખ્ય કપાસ સંશોધન કેન્દ્ર,	નવસારી	માળખાગત સુવિધાઓને
સુરત	નવસારી કૃષિ યુનિવર્સિટી,	નવસારી કૃષિ યુનિવર્સિટી,		લગતી કામગીરી
	સુરત	સુરત		

cord

(પટેલ એમ.સી.) જાહેર માહિતી અધિકારીશ્રી અને સંશોધન વૈજ્ઞાનિક(કપાસ) મુખ્ય કપાસ સંશોધન કેન્દ્ર નવસારી કૃષિ યુનિવર્સિટી સુરત



એનેક્ષર–એ

(સામાન્ય વહીવટ વિભાગના તા.૦૧/૦૫/૨૦૦૯ના પરિપત્ર ક્રમાંકઃ પીએડી–૧૦–૨૦૦૭–૩૩૫૩*૬૪–* આરટીઆઈસેલનું બિડાશ)

<u>પ્રમાણપત્ર</u>

આથી પ્રમાણિત કરવામાં આવે છે કે માહિતી અધિકાર અધિનિયમની કલમ–૪ અંતર્ગત સ્વયં જાહેર કરવાની બાબતો ''પ્રોએકટીવ ડીસ્કલોઝર''(P.A.D.) મારા વિભાગ દ્રારા તૈયાર કરવામાં આવેલ છેઅને તા.૦૧/૦૫/૨૦૨૫ની સ્થિતિએ અમારી મંજુરી મેળવી અદ્યતન કરવામાં આવેલ છે.

cord

(પટેલ એમ.સી.) જાહેર માહિતી અધિકારી અને સંશોધન વૈજ્ઞાનિક(કપાસ) મુખ્ય કપાસ સંશોધન કેન્દ્ર, અઠવા ફાર્મ, સુરત–૩૯૫ ૦૦૭ ફો.નં. ૦૨*૬*૧–૨*૬૬૮૦૪૫* ઈ–મેઈલ : <u>cottonist@nau.in</u> વેબ સાઈટ : <u>www.nau.in</u>

તારીખ : ૦૧/૦૫/૨૦૨૫



એનેક્ષર-બી (B)

(સામાન્ય વહીવટ વિભાગના તા,૦૧.૦૫.૨૦૦૯ ના પરિપત્ર ક્રમાંજ: પીએડી-૧૦-૨૦૦૭-૩૩૫૩૬૪-આરટીઆઇસેલનું બિડાણ)

<u>પ્રમાણપત્ર</u>

આથી પ્રમાણિત કરવામાં આવે છે કે માનનીય સાઢેબશ્રી, વડી કચેરી (પ્રોપર) તથા માનનીય સાઢેબશ્રી, વઢિવટી કાર્યક્ષેત્રનાં આ સાથેની યાદી મુજબનાં જાઢેર સત્તામંડળો દ્વારા માઢિતી અધિકાર અધિનિયમની કલમ-૪ અંતર્ગત સ્વયં જાઢેર કરવાની બાબતો " પ્રોએકટીવ ડીસ્કલોઝર " (P.A.D.) તૈયાર કરવામાં આવી છે. અને તા. ૧/૫/૨૦૨૫ ની સ્થિતિએ તે સંશોધન વૈજ્ઞાનિક (કપાસ), મુખ્ય કપાસ સંશોધન કેન્દ્, નવસારી કૃષિ યુનિવર્સિટી, સુરત દ્વારા અદ્યતન કરવામાં આવેલ છે. જેનું અમારા દ્વારા માઢે : મે / જુન ૨૦૨૫ (વર્ષ) દરમ્યાન ઈન્સપેકશન –કમ – ઓડિટ કરવામાં આવ્યુ છે અને જે બાબતે ક્ષતિ જણાઈ ઢતી અગર અપુરતી વિગતો જણાઈ ઢતી તેની પુર્તતા કરવામાં આવી છે.

(૨) તા. ૩૦/૬/૨૦૨૫ (વર્ષ) ની સ્થિતિએ હવે કોઈ જાહેર સત્તામંડ્ળનાં (પ્રોએક્ટીવ ડીસ્કલોઝર) ઈન્સપેકશન –કમ – ઓડિટ બાકી રહેલ નથી.

તારીખ : 09 /05 / ર૦૨૫ મુખ્ય મથક: નવસારી સંશોધન નિયામક અને અનુસ્નાતક વિદ્યાશાખાધ્યક્ષ, નવસારી કૃષિ યુનિવર્સિટી, નવસારી.





(૧)વૈજ્ઞાનિક પ્રમાણે અખતરાઓની યાદી (૨૦૨૪–૨૫)

Nome of the Scientist	SI	Name of experiment	вн
Dr. M.C. Dotol	1	Consideration approximation of research report and presentation	D. II. 5000
DI. WI.C.F ater	1	of the following trial results at notional as well as state level and its	5009
Research Scientist(Cotton)		of the following that results at halfonal as well as state level and its	
Scientist(Cottoil)	2	Worked as Mamber of DAC Dt testing in Cuierat State & Member	
	2	Secretary of IDSC	
	1	Secretary of IBSC	2000
Dr. G. O. Faldu	1	Br.32b. IET of G.herbaceum (Rainfed)	2009
Assistant Research	2	MLT of <i>G. herbaceum</i> cotton	12009
Scientist,	3	LSVT of G. herbaceum cotton	12009
Hybrid Section & Desi	4	SSVT of <i>G. herbaceum</i> cotton	12009
Cotton Section	5	PET of <i>G. herbaceum</i> cotton	12009
	6	Study of F ₁ generation	5009
	7	Study of F ₂ generation	5009
	8	Study of F ₃ generation	5009
	9	Study of F ₄ generation	5009
	10	Study of F ₅ generation	5009
	11	Study of F ₆ and further generation	5009
	12	Progeny of 4011	5009
	13	Progeny of Sujay	5009
	14	Progeny of G27	5009
	15	Maintenance of <i>G. herbaceum</i> Cotton	5009
	16	Maintenance of <i>G</i> arboretum Cotton	5009
	17	Initial Evaluation of Intra-Hirsutum Hybrids-Rainfed (ICAR Bt Trial)	2009-4
	18	Advanced Evaluation Trial-L of Intra-Hirsutum Hybrids-Rainfed (ICAR Bt	2009-1
	10	Trial)	2009-A
	10	Advanced Evaluation Trial II of Intra Hireutum Hybride Painfed (ICAP	2000 1
	19	Revalued Evaluation Inar-n of intra-finisticum rigorids-Rained (ICAR	2009-A
	20	Br Ω_2 a Initial Evaluation of <i>C</i> hirsutum under organic conditions	2000
	20	Di. 02 C- Initial Evaluation of G. <i>Missium</i> under organic conditions-	2009
	21	Reflect $(1,1)$	2000
	21	Dr.05 c. CUT of U. y. U. by by bids under preprio conditions. Rainfed (CZ)	2009
	22	SUIT of UL hybride	2009
	23	Destination of First States Trial of D4 HH Hadavide Hadavides Constitution	12009
	24	Preliminary Evaluation Trial of Bt HH Hybrids Under Irrigated Condition	12009
	25	(PE1 DI HII SEI-I) Deslinainan: Evaluation Trial of Dt IIII Habrida Under Invigated Condition	12000
	25	Preniminary Evaluation That of Bt HH Hydrids Under Imgated Condition	12009
	26	(PET BLHH SET-II)	7000
	26	Progeny of GSHV-99/291	5009
	27	Progeny of 76-IH-20	5009
	28	Progeny of GSHV-01/1338	5009
	29	Progeny of BC 68-2WW variety	5009
	30	Progeny of LRA-5166	5009
	31	Progeny of G.Cot.16	5009
	32	Progeny of GSHV-112 variety	5009
	33	Progeny of Surat Dwarf	5009
	34	Progeny of GSB-39	5009
	35	Progeny of American nectariless	5009
	36	Progeny of G-27	5009
	37	Progeny of 824	5009
	38	Crossing Block of promising and released hybrids	5009
	39	Crossing programme Lx T(4x8)	5009
	40	Crossing programme Lx T(3x10)	5009
	41	Maintenance of Promising genotypes of G.hirsutum	5009
	42	Maintenance of Parents (Crossing Block parents –I Non Bt)	5009
	43	Maintenance of Parents (Crossing Block parents –II Bt)	5009
	44	Maintenance of Nagpur Selection (Germplasm Day)	5009
			•





	45	Pre Breeding Materials	02138
	46	Demonstration of released and promising hybrids	5009
	47	MAGIC and F ₂ Population	5009
	48	Maintenance of G. hirsutum (germplasm)	5009
	49	Nursery	5009
Dr. D. M. Patel	1	IET of hirsutum Bt Cotton varieties under rainfed condition.(ICAR-Bt)	2009
Assistant Research	2	AET-I of hirsutum Bt Cotton varieties under rainfed condition. (ICAR-Bt)	2009
Scientist (Plant	3	AET-II of hirsutum Bt Cotton varieties under rainfed condition. (ICAR-Bt)	2009
Breeding & Genetics),	4	PVT of <i>G. hirsutum</i> Colored Cotton under rainfed condition.	2009
Indo-American		Pr.Br.03(a/b) : CC: CZ	
Section	5	PET of <i>G. hirsutum</i> cotton	5009
	6	Study of <i>intra hirsutum</i> crosses in F_6 generation	5009
	7	Study of <i>intra hirsutum</i> crosses in F ₅ generation	5009
	8	Study of <i>intra hirsutum</i> crosses in F_4 generation	5009
	9	Study <i>intra hirsutum</i> crosses in F_3 generation.	5009
	10	Study intra hirsutum crosses in F_2 generation	5009
	11	Study of intra hirsutum BG-II crosses in F_1 generation.	5009
	12	Progeny Bulk of G.Cot.100	5009
	13	Progeny Row Trial of G.Cot.10	5009
	14	Progeny Row Trial of G.Cot.12	5009
	15	Progeny Row Trial of G.Cot.16	5009
	16	Progeny Row Trial of G Cot 20	5009
	17	Progeny Row Trial of GN Cot 22	5009
	18	Progeny Row Trial of GN Cot 32	5009
	10	Progeny Row Trial of G Cot 34	5009
	20	Progeny Row Trial of G Cot 36	5009
	20	Progeny Row Trial of C Cot 40	5009
	21	Progeny Day Trial of C Cat 42	5009
	22	Progeny Row Trial of CN Cat 44	5009
	23	Creasing Plack DC H (L v T)	5009
	24	Crossing Block BG-II (L X I)	5009
	25	Seed production of Hirsutumt Cotton BG-II Hybrids	5009
	26	Multi project trials	5009
	27	Maintenance of Hirsutum Cotton Germplasm lines	5009
	28	Progeny Row Trial of Gujarat 6/	5009
	29	Progeny Row Trial of Deviraj	5009
	30	SSVT of <i>G. hirsutum</i> cotton.	12009
	31	SSVT of hirsutum Cotton genotypes suitable for high density planting system (HDPS) under different Agro climatic conditions	12009
Dr. D. H. Patel	1	Induced mutagenesis for high yield and fibre quality in cotton	12009
Assistant Research		(G. hirsutum L.)	
Scientist,	2	Heterosis and combining ability analysis in cotton(Gossypiumhirsutum L.)	12009
Cytology and		(PG student experiment)	
Biotechnology	3	PRT of SRT GMS-1	5009
Section	4	PRT of GSav-1056	5009
	5	Evaluation and maintenance of CMS A & B lines (Fully converted)	5009
	6	Evaluation of GMS (4x) lines	5009
	7	Evaluation of available restorer lines	5009
	8	Evaluation of available GMS lines in desi cotton	5009
	9	Evaluation of petaloidy in desi cotton.	5009
	10	Seed production programme for GMS based desi hybrid	5009
	11	Crossing programme of multispecies cross derivaties	5009
	12	Development of Recombinant Inbred Lines (RIL) in G. arboreum	5009
	13	Maintenance and evaluation of cotton germplasm	5009
		(Interspecific derivatives)	
	14	Maintenance of mapping population for jassid resistance in cotton	5009
	1.5	Maintenance of parental lines	12014
	16	Seed multiplication of <i>Cry1Ac</i> genotypes	12014
<u></u>			
Research Scientist (Cotton),	, MCR	S, NAU, Surat Page 22	



	17	AET-I Hirsutum (C) Varieties - rainfed under protected condition	2009-4
	18	IET- Hirsutum x Hirsutum (C) Hybrid - rainfed under protected condition	2009-4
	19	AET-I Hirsutum x Hirsutum (C) Hybrid–rainfed under protected condition	2009-4
	20	IET- Hirsutum (C) Varieties - rainfed under protected condition	2009-4
	21	SSVT of Bt cotton hybrids developed by SAUs under irrigated conditions	12014
	22	MCRS hirsutum Bt varietal <i>Crv1Ac</i> trial under irrigated condition	12014
	23	Evaluation of New Bt cotton hybrids	12014
	24	PRT of G.Cot.10 (BGII)	12014
	25	PRT of G.Cot.16 (BGII)	12014
	26	PRT of BC-68-2 (BGII)	12014
	27	PRT of BC 68-2-1 Big leaf (BGII)	12014
	28	PRT of G.Cot.10 Crv1Ac	12014
	29	PRT of G.Cot.16 Cry1Ac	12014
	30	PRT of BC 68-2 Crv1Ac	12014
	31	Maintenance of Bt parental lines (Cry 1Ac and BGII)	12014
	32	Evaluation and Converted parental lines (BGII background)	12014
	33	Conversion of G. Cot. 10 GMS into BG-II background	12014
	34	Evaluation of converted female parent line of LHH-144 BGII	12014
	35	Evaluation of Btintrogressed lines received from CICR nagpur	12014
	36	Evaluation of collected germsplsm for big boll	12014
	37	Crossing programme for development of new Bt cotton hybrids	12014
	38	Seed production programme for Bt Cotton hybrid	12014
	39	Evaluation of $BC_{\epsilon}E_{\epsilon}Crv IAc$ converted parental lines	12014
	40	Evaluation of BC ₆ E ₅ converted parental lines of BGII background	12014
	41	Evaluation of ELS Bt line (new)	12014
	42	Maintenance of Bt parental lines	12014
	43	Converted parental lines of BGII background	12014
Dr. Raikumar B. K.	1	Induced mutagenesis for high yield and fibre quality in cotton	12009
Assistant Research	_	(<i>G. hirsutum</i> L.)	
Scientist	2	Heterosis and combining ability analysis in cotton (<i>Gossypiumhirsutum</i> L.)	12009
(Plant Biotech.)		(PG student experiment)	
Cytology &	3	PRT of SRT GMS-1	5009
Biotechnology	4	PRT of GSav-1056	5009
Section	5	Evaluation and maintenance of CMS A & B lines (Fully converted)	5009
	6	Evaluation of GMS (4x) lines	5009
	7	Evaluation of available restorer lines	5009
	8	Evaluation of available GMS lines in desi cotton	5009
	9	Evaluation of petaloidy in desi cotton.	5009
	10	Seed production programme for GMS based desi hybrid	5009
	11	Crossing programme of multispecies cross derivaties	5009
	12	Development of Recombinant Inbred Lines (RIL) in G. arboreum	5009
	13	Maintenance and evaluation of cotton germplasm	5009
		(Interspecific derivatives)	
	14	Maintenance of mapping population for jassid resistance in cotton	5009
	15	Maintenance of parental lines	12014
	16	Seed multiplication of <i>Cry1Ac</i> genotypes	12014
	17	AET-I Hirsutum (C) Varieties-rainfed under protected condition	2009-4
	18	IET- Hirsutum x Hirsutum (C) Hybrid-rainfed under protected condition	2009-4
	19	AET-I Hirsutum x Hirsutum (C) Hybrid-rainfed under protected condition	2009-4
	20	IET- Hirsutum (C) Varieties - rainfed under protected condition	2009-4
	21	SSVT of Bt cotton hybrids developed by SAUs under irrigated conditions	12014
	22	MCRS hirsutum Bt varietal CrylAc trial under irrigated condition	12014
	23	Evaluation of New Bt cotton hybrids	12014
	24	PRT of G.Cot.10 (BGII)	12014
	25	PRT of G.Cot.16 (BGII)	12014





	27	PRT of BC 68-2-1 Big leaf (BGII)	12014
	28	PRT of G.Cot.10 Cry1Ac	12014
	29	PRT of G.Cot.16 Cry1Ac	12014
	30	PRT of BC 68-2 Cry1Ac	12014
	31	Maintenance of Bt parental lines (Cry 1Ac and BGII)	12014
	32	Evaluation and Converted parental lines (BGII background)	12014
	33	Conversion of G. Cot. 10 GMS into BG-II background	12014
	34	Evaluation of converted female parent line of LHH-144 BGII	12014
	35	Evaluation of Rtintrogressed lines received from CICR nagpur	12014
	36	Evaluation of collected germsplsm for big boll	12014
	37	Crossing programme for development of new Rt cotton hybrids	12014
	38	Seed production programme for Bt Cotton hybrid	12014
	39	Evaluation of BC ₂ E ₂ Crv1Ac converted parental lines	12014
	40	Evaluation of BC ₆ F ₂ converted parental lines of BGII background	12014
	41	Evaluation of ELSBt line (new)	12014
	42	Maintanance of Bt parental lines	12014
	42	Converted perental lines of BCII background	12014
	43	Study on besterial decomposition of action stalk in the soil and its affect	12014
	44	on cotton soulling growth	12009
	45	Study on multifunctional abaracters of andonhytic hestoria isolated from	
	43	wild cotton plant (<i>Gossypium aridum</i>)	12009
Dr. M.M.Patel	1	Developing and testing of <i>Bt</i> cotton based cropping system to enhance	2009
Associate Research		resource utilization and sustainability	
Scientist	2	Yield maximization of <i>Bt</i> cotton by integrated crop management	2009
(Agronomy)		techniques	
AGRONOMY	3	Effect of land configuration and plant growth regulator on waterlogging	2009
Section		management in cotton	
	4	Input use pattern & cost of cultivation (Survey work)	2009
	5	Canopy management in compact genotypes (Conducted in Physiology	2009
		section)	
	6	Use of Defoliants to facilitate mechanical picking	2009
	7	Developing and testing of organic nutrient, pest and disease management	2009
		module in cotton based cropping system	
	8	Effectofintegrated nutrient management on cotton under high density	12009
		planting system	
	9	Effect of foliage spray of liquid nano urea on cotton under irrigated	12009
		condition	
Dr. K. B. Sankat	1	Developing and testing of <i>Bt</i> cotton based cropping system to enhance	2009
Assistant Research		resource utilization and sustainability	
Scientist (Agronomy)	2	Yield maximization of <i>Bt</i> cotton by integrated crop management	2009
AGRONOMY		techniques	
Section	3	Effect of land configuration and plant growth regulator on waterlogging	2009
		management in cotton	
	4	Input use pattern & cost of cultivation (Survey work)	2009
	5	Canopy management incompact genotypes (Conducted in Physiology	2009
		section)	
	6	Use of Defoliants to facilitate mechanical picking	2009
	7	Developing and testing of organic nutrient, pest and disease management	2009
		module in cotton based cropping system	
	8	Effect of integrated nutrient management on cotton under high density	12009
		planting system	
	9	Effect of foliage spray of liquid nano urea on cotton under irrigated	12009
		condition	
Dr. Hitesh Ramani	1	Screening of Cotton genotypes for drought tolerance	2009
Assitant Research		Estimation of seed oil, gossypol and protein	2009
Scientist (Biochem)	2	Analysis of Biochemical constituent of management of square shedding in	2000
		cotton (PHY-1)	2009



	3	Priminary and secondary metabolites from drone use (PHY-3)	2009
	4	Analysis of Biochemical constituent of Canopy management in compact	2000
		genotypes (AGR-VIII)	2009
	5	Analysis of Biochemical constituent of Preparing for climate change	2000
		(Agronomy-VI)	2009
	6	Analysis of Biochemical constituent of defoliants experiment (AGR-X)	2009
	7	Influence of Biochemical constituents on the incidence of Pink bollworm	2000
		in cotton	2009
	8	Effect of storage condition and packaging on seed germination of different	10000
		cotton species (17.2.20)	12009
	9	Metabolic profiling of damaged and healthy petal tissue of the infested	12009
		cotton flower by pink bollworm (<i>Pectinophoragossypiella</i>)	
	10	Effect of different defoliants on HDPS cotton	12009
	11	Screening of cotton genotype for salinity tolerant	12009
	12	Management of square shedding in cotton	2009
	13	Drone based application of nutrients in cotton	2009
	14	Recording of physiological parameters in agronomic trial of	2009
		a. Preparing for climate change (AGR VI)	
		b. Canopy management (AGR VIII)	
		c. Yield maximization (AGR IV)	
		d. Organic cotton (XI)	
	15	Preparing for climate change - Growth and development of arboreum	2009
		cotton in response to growth regulators	
	16	Effect of growth retardant on physiological parameters and productivity of	2009
		compact genotypes	
	17	Long term study on phosphorus application on cotton G.Cot. Hy10	5009
	18	To study the response of applied phosphorus at different levels of native	5009
		phosphorus on yield and uptake of phosphorus by cotton G.Cot.Hy-10	
Dr. V. K. Vekariya	1	Effect of different defoliants on HDPS cotton	12009
Assistant Research	2	Screening of cotton genotype for salinity tolerant	12009
Scientist (Biochem)	3	Screening of Cotton genotypes for drought tolerance	2009
		Estimation of seed oil, gossypol and protein	
	4	Analysis of Biochemical constituent of management of square shedding in	2000
		cotton (PHY-1)	2009
	5	Priminary and secondary metabolites from drone use (PHY-3)	2009
	6	Analysis of Biochemical constituent of Canopy management in compact	2009
		genotypes (AGR-VIII)	2007
	7	Analysis of Biochemical constituent of Preparing for climate change	2009
		(Agronomy-VI)	
	8	Analysis of Biochemical constituent of defoliants experiment (AGR-X)	2009
	9	Influence of Biochemical constituents on the incidence of Pink bollworm	2009
	10	in cotton	
	10	Effect of storage condition and packaging on seed germination of different	12009
	11	cotton species (1/.2.20)	12000
	11	Metabolic profiling of damaged and healthy petal tissue of the infested	12009
	10	cotton flower by pink bollworm (<i>Pectinophoragossypiella</i>)	2000
	12	Preparing for climate change - Growth and development of arboreum	2009
	12	Effect of growth retordent on physical parameters and are dustinities of	2000
	13	compact genotypes	2009
	1/	Management of square shedding in cotton	2000
	14	Drone based application of putrients in cotton	2009
	15	Profile based application of nutrients in conton	2007
	10	A Preparing for climate change (ACP VI)	2009
		a. Treparing for childred change (AOK VI) b. Canony management (ACD VIII)	
		c Vield maximization (AGR IV)	
		d Organic cotton (XI)	
	1		



	17	Long term study on phosphorus application on cotton G.Cot. Hy10	5009
	18	To study the response of applied phosphorus at different levels of native	5009
		phosphorus on yield and uptake of phosphorus by cotton G.Cot.Hy-10	
Dr. H. R. Desai	1	Population dynamics of key pests of cotton in relation to climatic condition	12009
Associate Research	2	Assessment of losses due to bollworms in intra-hirsutum non-Bt and Bt	12009
Scientist (Ento.)		hybrid seed production	
Entomology	3	Metabolic profiling of damaged and healthy petal tissue of the infested	12009
Section		cotton flower by pink bollworm (Pectinophoragossypiella)	
	4	MCRS hirsutum Bt varietal Cry1Ac trial under irrigated condition	12014
	5	Evaluation of new Bt cotton hybrids	12014
	6	Advanced Evaluation Trial-II of Intra-hirsutum Hybrids Rainfed under	2009-04
		unprotected condition	
	7	Initial Evaluation Trial of Hirsutum Varieties-Rainfed under unprotected condition	2009-04
	8	Initial Evaluation Trial of Compact Hirsutum Varieties-Rainfed under	2009-04
		unprotected condition	
	9	Advanced Evaluation Trial-II of Intra-hirsutum Hybrids Rainfed under	2009-04
		protected condition	
	10	Initial Evaluation Trial of Hirsutum Varieties-Rainfed under protected	2009-04
		condition	
	11	Initial Evaluation Trial of Compact Hirsutum Varieties-Rainfed under	2009-04
		protected condition	
	12	IET of G. hirsutum under organic condition (Rainfed)	2009
	13	Evaluate insect resistance (pink bollworm resistance) in cotton hybrids	18279
		carrying selected transgenic event Sponsored by Bioseed Research India,	
		Hyderabad	
	14	Insecticide Resistance Management (IRM): Dissemination of Pink	02111
		bollworm management strategies	
Dr. G. R. Bhanderi,	1	Surveillance of lepidopterous pests through sex pheromones	12009
Assist. Res. Sci. (Ento.)	2	Eco-friendly management of sucking pests infesting Bt cotton	12014
Entomology	3	SSVT of Bt cotton hybrids developed by SAUs under irrigated conditions	12014
Section	4	Diversity of ladybird beetle in cotton ecosystem	12248
	5	Advanced Evaluation Trial-I of Intra-hirsutum Hybrids Rainfed under	2009-04
		unprotected condition	
	6	Advance Evaluation Trial-I of Compact Intra-Hirsutum Hybrids-Rainfed	2009-04
		under unprotected condition	
	7	Advanced Evaluation Trial-II of Hirsutum Varieties-Rainfed under unprotected condition	2009-04
	8	Advanced Evaluation Trial-I of Compact Hirsutum Varieties-Rainfed	2009-04
		under unprotected condition	
	9	Advanced Evaluation Trial-I of Intra-hirsutum Hybrids Rainfed under	2009-04
		protected condition	
	10	Advance Evaluation Trial-I of Compact Intra-Hirsutum Hybrids-Rainfed	2009-04
		under protected condition	
	11	Advanced Evaluation Trial-II of Hirsutum Varieties-Rainfed under	2009-04
		protected condition	
	12	IET of <i>G. herbaceum</i> cotton (Rainfed)	2009
	13	Long term studies on phosphorus application on incidence of pests of	5009
		cotton	
	14	Evaluate insect resistance (pink bollworm resistance) in cotton hybrids	18279
		carrying selected transgenic event Sponsored by Bioseed Research India,	
		Hyderabad	
	15	Insecticide Resistance Management (IRM): Dissemination of Pink	02111
		bollworm management strategies	4000-
Dr. R. D. Patel,	1	Screening of cotton materials included in breeding trials against insect	12009
Assist. Res.Sci. (Ento.)		pests of cotton	5000
Entomology Section	2	Efficacy of ready-mix insecticides against sucking pests of Bt cotton	5009





	3	Diversity of ladybird beetle in cotton ecosystem	12248
	4	Screening of breeding material for resistance to insect pests (ZT & NT)	2009
	5	Advance screening of promising entries for development of repository for	2009
		sucking pests	
	6	Evaluation of promising entries from Ent. (1b) for creation of repository	2009
		for sucking pests tolerant genotypes	
	7	Seasonal dynamics to develop suitable forecasting model	2009
	8	Survey for key and emerging pests in cotton in farmers fields for weekly	2009
		advisorv	
	9	Evaluation of persistence of insecticides against pink bollworm	2009
	10	Evaluation of persistence of insecticides against insect-pests of cotton	2009
		(through conventional and drone application)	
	11	To validate IPM module based on existing interventions for organic cotton	2009
		production (Agronomy plot)	
	12	Impact of Agronomic intervention on insect pest dynamics under HDPS	2009
	13	Influence of biochemical constituents on the incidence of pink bollworm in	2009
		cotton	
	14	Initial Evaluation Trial of Intra-Hirsutum Hybrids-Rainfed under	2009-04
		unprotected condition	
	15	Initial Evaluation Trial of Compact Intra-Hirsutum Hybrids-Rainfed under	2009-04
		unprotected condition	
	16	Advanced Evaluation Trial-I of HirsutumVarieties-Rainfed under	2009-04
		unprotected condition	
	17	Initial Evaluation Trial of Intra-Hirsutum Hybrids–Rainfed under protected	2009-04
		condition	
	18	Initial Evaluation Trial of Compact Intra-Hirsutum Hybrids-Rainfed under	2009-04
		protected condition	
	19	Advanced Evaluation Trial-I of Hirsutum Varieties-Rainfed under	2009-04
	20	protected condition	2000.04
	20	Advanced Evaluation Trial-1 of Compact Hirsutum Varieties-Rainfed	2009-04
	21	Trucket protected condition	19270
	21	Evaluate Insect resistance (plink boliworm resistance) in conton hybrids	18279
		Hyderabad	
	22	Insecticide Resistance Management (IRM): Dissemination of Pink	02111
		hollworm management strategies	02111
Dr. P.B. Sandinan	1	Observations on the occurrence of the diseases (in farmer's field and	2009
Assist. Res. Sci. (Patho)	-	research farm)	2007
Pathology Section	2	Weekly (Weekly Advisory) and Fortnightly (Fortnightly Advisory)	2009
		observation report on the incidence of diseases at Farmers's field	-
	3	Disease progress in relation to weather factors	2009
	4	Studies on variability of Alternaria/ Corynespora leaf spot	2009
	5	Screening of breeding lines for disease reaction (National and Zonal	2009
		entries)	
	6	Confirmation and maintenance of disease resistant lines	2009
	7	Screening of varieties/breeding materials for resistance to different	5009
		diseases	
Dr. Preeti R. Parmar	1	Study on bacterial decomposition of cotton stalk in the soil and its effect	12009
Assist. Res. Sci.		on cotton seedling growth	12007
(Microbiology)	2	Study on multifunctional characters of endophytic bacteria isolated from	12009
Biotechnology Section	1	wild cotton plant (<i>Gossypium aridum</i>)	
Dr. P. S. Patel		Developing and testing of <i>Bt</i> cotton based cropping system to enhance	2009
Assist. Kes. Sci.		resource utilization and sustainability	2000
(Soll Science)	2	rield maximization of <i>Bt</i> cotton by integrated crop management	2009
	2	Effect of land configuration and alart growth association and alart	2000
	5	Effect of land configuration and plant growth regulator on water logging	2009
	1		





	4	Input use pattern & cost of cultivation (Survey work)	2009
	5	Canopy management in compact genotypes(Conducted in Physiology	2009
		section)	
	6	Use of Defoliants to facilitate mechanical picking	2009
	7	Developing and testing of organic nutrient, pest and disease management	2009
		module in cotton based cropping system	
	8	Effect of integrated nutrient management on cotton under high density	12009
		planting system	
	9	Effect of foliage spray of liquid nano urea oncotton under irrigated	12009
		condition	
	10	Contribution of different organic sources on uptake of nutrient and yield of	12009
		Bt Cotton	





(૨) બીટી કપાસની આધુનિક ખેતી પધ્ધતિ

વર્ષ ૨૦૨૪–૨૫માં કપાસ પકવતા ખેડુતો માટે ફોલ્ડર પ્રસિધ્ધ કરેલ છે.



"Dissemination of Pink bollworm Management Stretegies"











(૩) કપાસ ઉત્પાદન માટેનાં ચાવીરૂપ મુધ્દાઓ (Good AgriculturalPractices)

- ≻ સારા નિતારવાળી મધ્યમ કાળીથી ગોરાડુ જમીનની પસંદગી કરવી.
- ≻ વરસાદ પહેલાં વાવેતર માટે જમીન તૈયાર કરવી અને અંકાંતરે વર્ષે ઉનાળામાં ઉડી ખેડ કરવી.
- ≻ વધુ વરસાદનાં કારણે ખેતરમાં પાણી ભરાઈ રહેતુ હોય તો પાળા પર વાવણી કરવા માટે પાળી બનાવવી.
- મારૂ કોહવાયેલું છાણિયું ખાતર કે કંપોસ્ટ ૧૦ ટર્ન/ હેકટર મુજબ જમીનમાં ભેળવવું અથવા શકય હોય તો શણ કે ઈકડનો લીલો પડવાશ કરવો.
- ≻ કપાસનું થાણીને વાવેતર કરવુ જે માટે હેકટરે ૧.૫ થી ૨.૦ કિલો બિયારણની જરૂર પડે છે.

<u> પિયત બીટી કપાસ</u>

- ➢ ગુજરાત કપાસ સંકર−૬ (બીજી−૨), ગુજરાત કપાસ સંકર−૮ (બીજી−૨), ગુજરાત કપાસ સંકર−૧૦ (બીજી−૨), ગુજરાત કપાસ સંકર−૧૨(બીજી−૨) અથવા સરકારશ્રીદ્રારામાન્ય થયેલ બીટી જાતની પસંદગી કરવી.
- મેં મહીનાના બીજા પખવાડીયામાં આગોતરૂ વાવેતર કરવુ, સંરક્ષણ પટ્ટી રૂપે બીટી કપાસનાં પેકેટ સાથે આપેલ નોન બીટી કપાસ/ તુવેરનું ખેતરની ફરતે બે હારમાં વાવેતર કરવું.
- બે હાર વચ્ચે દેરO સેમી અને બે છોડ વચ્ચે ૪૫ સેમી અંતર રાખી થાણીને વાવેતર કરવું.
- ≻ જરૂરીયાત મુજબ બે થી ત્રણ વખત નિદામણ અને આંતર ખેડ કરવી.
- નિંદેષ નિયંત્રેષ માટે ઉગ્યા પહેલા પેન્ડીમીથાલીન ૩૦ ઈસી દવા ૩ લી./ હેકટરને ૦૦૦ લી. પાષ્ઠીમાં ભેળવીને છંટકાવ કરવો ત્યાર બાદ ૩૦ દિવસે આંતર ખેડ અને ૩૦ અને ૦૦ દિવસે હાથથી નિંદામષ કરવું અથવા વાવષી બાદ ૧૫ થી ૨૦ દિવસે કિવઝાલોફોપ પી ઈથાઈલ ૫ ઈસી ૧ લી./ હે ને પાષ્ઠીમાં ભેળવીને છંટકાવ કરવો અને એક વખત આંતર ખેડ અને હાથથી નિંદામષ કરવું.
- ૨૪૦–૪૦–૦૦ ના–ફો–પો કિલો/ હે. મુજબ રાસાયણિક ખાતર આપવું. નાઈટ્રોજનનો કુલ જથ્થો વાવણી પછી ૩૦, ૬૦, ૭૫, ૯૦ અને ૧૦૫ દિવસે સરખા હપ્તામાં આપવો. ઉપરાંત, ૩% પોટેશિયમ નાઈટ્રેટનો ફુલમભરી અવસ્થાએ, જીંડવા બેસવાની શરૂઆત થાય ત્યાર પછી ૧૫–૨૦ દિવસે છંટકાવ કરવો.
- ▶ ૧૦ લીટર પાણીમાં ૧.૧૨૫ મીલી ૩૯% ધરાવતી પ્રોડકટ (૪૫ પીપીએમ) પ્રમાણ રાખી ઈથિલીનના દ્રાવણનો ભમરી બેસવાની અવસ્થાએ એટલે કે ૩૫–૪૦ દિવસે છંટકાવ કરવો.
- ગાવણી પછી ૯૫ દિવસે છોડની ડુંખ તોડી અને ૧૦૫દિવસે ફળાઉ ડાળીઓની ટોચ છેડા પરથી કાપવાથી ઉત્પાદનમાં ફાયદો થાય છે.
- ≻ વરસાદ બંધ થયા પછી ભારે કાળી જમીનમાં ૨૦–૨૫ અને ગોરાડુ જમીનમાં ૧૫–૨૦ દિવસના આંતરે પિયત આપવું. પિયત એકાંતરે પાટલે આપવાથી અંદાજે ૩૦% પાણીનો બચાવ થાય છે. શકય હોય તો ટપક પિયત પધ્ધતિનો ઉપયોગ કરવો.
- ➢ કપાસમાં આવતો સુકારો (પેરા વિલ્ટ) અટકાવવા માટે હલ્કી જમીનમાં જીંડવાના વિકાસની અવસ્થાએ જમીનમાં ભેજ જાળવી રાખવો.
- ૪મીનમાં પાણી ભરાઈ રહે તો તાત્કાલિકનિકાલ કરવો તથા મૂળ વિસ્તારમાં હવાની અવર−જવર વધે તે માટે લોખંડના સળીયાથી થડની આજુબાજુ કાણા કરવા અને ર% યુરીયાનું દ્રાવણ આપવું.
- ▶ કપાસમાં પાન લાલ થતા અટકાવવા ફુલ આવવાની અવસ્થાએ ૨% ડી એ પી ના દ્રાવણનો છંટકાવ કરવો તથા ફુલ આવવાની અવસ્થાથી જીંડવા વિકાસની અવસ્થા દરમ્યાન ૧% યુરીયા તથા ૧% મેગ્નેશિયમ સલ્ફેટનું દ્રાવણ છાંટવું અથવા વાવણી બાદ ૩૦, ૦૦ અને ૯૦ દિવસે ૦.૫% યુરીયા, ૦.૫% ઝીંક સલ્ફેટ, ૦.૫%, ૦.૫% ફેરસ સલ્ફેટ અને ૦.૫% મેગ્નેશિયમ સલ્ફેટના દ્રાવણનો છંટકાવ કરવો.
- ≻ ચુસીયા પ્રકારની જીવાતોના નિયંત્રણ માટે ઈમીડાકલોપ્રીડ ૨૦૦ એસએલ ૨૦ ગ્રામ સક્રીય તત્વ અથવા એસીટામીપ્રીડ ૨૦ એસપી ૬૦ ગ્રામ સક્રીય તત્વ અથવા થાયોમિથોકઝામ ૨૫ ડબલ્યુજી ૨૫ ગ્રામ સક્રીય તત્વ પ્રતિ હેકટરનો છંટકાવ કરવો.
- મીલી બગનાં આગોતરા નિયંત્રણ માટે શેઢા પાળા સાફ રાખવા અને ખાસ કરીને નિંદામણો જેવાં કે, જંગલી ભીંડા, ગોખરું, કાંસકી વિગેરે મીલીબગનાં યજમાન નિંદામણ પાકો હોય તેનો નિકાલ કરવો.
- ➤ વરસાદ બાદ મીલીબગનાં ઉપદ્રવની નિયમિત મોજણી કરવી અને વધુ ઉપદ્રવ જણાય તો એસીટામીપ્રીડ ૨૦ એસ પી (રગ્રામ) અથવા ઈમીડાકલોપ્રીડ ૧૭ ડબલ્યુજી (૧ ગ્રામ) અથવા પ્રોફેનોફોસ ૫૦ ઈસી (૨૦ મીલી) ૧૦ પાણીમાં ભેળવીને ઉપદ્રવિત છોડો અને તેની ફરતેનાં છોડોમાં મર્યાદિત ઉપયોગ કરવો.





➢ ગુલાબી ઈયળની મોજણી માટે એક હેકરટે પ ફેરોમોન ટ્રેપ લગાડવા. ઉપદ્રવિત ફુલોનો (ઈયળ સહિત) અને ખરી પડેલ અવશેષોનો નાશ કરવો. ફેરોમોન ટ્રેપમાં સતત ત્રણ રાત્રી સુધી સરેરાશ આઠ નર ફુદા પકડાય તો ગુલાબી ઈયળનાં નિયંત્રણ માટે ખેતરમાં પાક અવસ્થા મુજબ ભલામણ કરેલ દવાનો વપરાશ કરવો.

<u>બિનપિયત બીટી કપાસ</u>

- ➢ ગુજરાત કપાસ સંકર−૮ (બીજી−ર) અને ગુજરાત કપાસ સંકર−૧૨(બીજી−૨) અથવા સરકારશ્રીદ્રારામાન્ય થયેલી વહેલી પાકતી જાતની પસંદગીકરવી.
- ≻ વાવણી લાયક વરસાદ થયે જુન મહીનાના બીજા થી ત્રીજા અઠવાડિયા દરમ્યાન વાવેતર કરવુ.
- ≻ બે હાર વચ્ચે ૧૨૦ સેમી અને બે છોડ વચ્ચે ૪૫ સેમી અંતર રાખી થાણીને વાવેતર કરવું.
- ≻ કપાસનું થાણીને વાવેતર કરવુ જે માટે હેકટરે ૧.૫ થી ૨.૦ કિલો બિયારણની જરૂર પડે છે.
- ≻ જરૂરીયાત મુજબ બે થી ત્રણ વખત નિંદામણ નિયંત્રણ અને આંતર ખેડ ચાલુ રાખવી જોઈએ.
- નિંદેશ નિયંત્રેશ માટે પાક ઉગ્યા પહેલા પેન્ડીમીથાલીન ૩૦ ઈસી દવા ૩ લી./ હેકટરને ૦૦૦ લી. પાશીમાં ભેળવીને છંટકાવ કરવો ત્યારબાદ ૩૦ દિવસે આંતર ખેડ અને ૩૦ અને ૦૦ દિવસે હાથથી નિંદામણ કરવું અથવા વાવણી બાદ ૧૫ થી ૨૦ દિવસે કિવઝાલોફોપ પી ઈથાઈલ ૫ ઈસી ૧ લી/ હે. ને પાણીમાં ભેળવીને છંટકાવ કરવો અને એક વખત આંતર ખેડ અને હાથથી નિંદામણ કરવું.
- ઉત્તર ગુજરાતમાં ૮૦ નાઈટ્રોજન કિલો/હે. તથા બાકીના વિસ્તારમાં ૧૨૦–૦૦–૦૦ નાઈટ્રોજન કિલો/હે. મુજબ રાસાયણિક ખાતર આપવું. નાઈટ્રોજનનો કુલ જથ્થો વાવણી પછી ૩૦ અને ૬૦ દિવસે બે સરખા હપ્તામાં આપવો. ઉપરાંત ૩% પોટેશિયમ નાઈટ્રેટનો ફુલભમરી અવસ્થાએ, જીડવા બેસવાની શરૂઆત થાય ત્યારે અને ત્યાર પછી ૧૫–૨૦ દિવસે છંટકાવ કરવો.
- ૧૦ લીટર પાણીમાં ૧.૧૨૫ મીલી ૩૯% ધરાવતી પ્રોડકટ (૪૫ પીપીએમ) પ્રમાણ રાખી ઈથિલીનનાં દ્રાવણનો ભમરી બેસવાની અવસ્થાએ એટલે કે ૩૫–૪૦ દિવસે છંટકાવ કરવો.
- ➢ કપાસમાં આવતો સુકારો (પેરા વિલ્ટ) અટકાવવા માટે હલ્કી જમીનમાં જીંડવાના વિકાસની અવસ્થાએ જમીનમાં ભેજ જાળવી રાખવો. તે માટે મલ્ચીંગ કરવું.
- ➢ વધુ વરસાદના કારણે જમીનમાં પાણી ભરાઈ રહે તો તાત્કાલિકનિકાલ કરવો તથા મૂળ વિસ્તારમાં હવાની અવર–જવર વધે તે માટે લોખંડના સળીયાથી થડની આજુબાજુ કાણા કરવા અને ર% યુરીયાના દ્રાવણનું ડ્રેચિંગ કરવું.
- ➢ કપાસમાં પાન લાલ થતા અટકાવવા ફુલ આવવાની અવસ્થાએ ૨% ડી એ પીના દ્રાવણનો છંટકાવ કરવો તથા ફુલ આવવાની અવસ્થાથી જીંડવા વિકાસની અવસ્થા દરમ્યાન ૧% યુરીયા તથા ૧% મેગ્નેશીયમ સલ્ફેટનું દ્રાવણ છાંટવું અથવા વાવણી બાદ ૩૦, ૦૦ અને ૯૦ દિવસે ૦.પ% યુરીયા, ૦.પ% ઝીંક સલ્ફેટ, ૦.પ% ફેરસ સલ્ફેટ અને ૦.પ% મેગ્નેશીયમ દ્રાવણનો છંટકાવ કરવો.
- ≻ ચુસિયા પ્રકારની જીવાતોના નિયંત્રણ માટે ઈમીડાકલોપ્રીડ ૨૦૦ એસએલ ૨૦ ગ્રામ સક્રીય તત્વ અથવા એસીટામીપ્રીડ ૨૦ એસપી ૧૦ ગ્રામ સક્રીય તત્વ અથવા થાયોમિથોકઝામ ૨૫ ડબલ્યુજી ૨૫ ગ્રામ સક્રીય તત્વ પ્રતિ હેકટરનો છંટકાવ કરવો.
- મીલીબગનાં આગોતરા નિયંત્રણ માટે શેઢાપાળા સાફ કરવા તથા વધુ ઉપદ્રવ જણાય તો શોષક પ્રકારની કિટનાશકો જેવી કે, એસીટામીપ્રીડ ૨૦ એસપી (રગ્રામ) અથવા ઈમીડાકલોપ્રીડ ૭૦ ડબલ્યુજી (૧ ગ્રામ) પૈકી કોઈપણ એક દવાનો ૧૦ લી. પાણીમાં ભેળવી છંટકાવ કરવો.
- ➢ ગુલાબી ઈયળનાં ઉપદ્રવની જાણકારી મેળવવા નર ફુદીને આકર્ષાતા ફેરોમોન ટ્રેપ હેકટરે ૫ ની સંખ્યામાં ગોઠવવા. તાજેતરનાં સંશોધન મુજબ બીટી કપાસની ખેતીમાં ગુલાબી ઈયળનાં નિયંત્રણ માટે ઈન્ડોકઝાકાર્બ ૧૫.૮ ઈસી ૫ મીલી/૧૦ લી. પાણી અથવા એમામેકટીન બેન્ઝોએટ ૫ એસજી ૫ ગ્રામ/૧૦ લી. અથવા સ્પીનોસેડ ૪૫ એસસી ૩ મીલી/૧૦ લી. પાણી કીટકનાશકના બે છંટકાવ કે જેમાં પ્રથમ છંટકાવ કપાસની વાવણી બાદ ૭૫ દિવસે અને ત્યારબાદ ૧૫ દિવસે બીજો છંટકાવ કરવાની ભલામણ છે.

આંતર પાક : કપાસનું વાવેતર પહોળા પાટલે કરવામાં આવતુ હોવાથી બે ચાસ વચ્ચે વધુ જગ્યા રહે છે જેના લીધે નિંદામણનો ઉપદ્રવ વધુ રહે છે અને શરૂઆતમાં કપાસનો વિકાસ પણ ધીમો હોય છે. વહેલાં પાકતા અને કપાસનાં છોડ સાથે હરિફાઈ ન કરતાં આંતર પાકો જેવાં કે, અડધ, મગ, સોયાબીન, તલ, મગફળી જેવાં પાકોની કપાસની બે હાર વચ્ચે વાવણી અને કાળજીથી ઉત્પાદન મેળવી વધુ નફો મેળવી શકાય છે.





(૪) કપાસ પાકની સેન્દ્રિય ખેતી પધ્ધતિ

જમીનની પસંદગી :

સારા નીતારવાળી, મધ્યમ કાળી, બેસર, ગોરાડુ તથા સાધારણ રેતાળ જમીન વધુ અનુકૂળ આવે છે. કાળી જમીનમાં પણ કપાસ સારુ ઉત્પાદન આપે છે.

જમીનની તૈયારીઃ

પિયતની સગવડ હોય તો ઉનાળામાં શણ કે ઈકકડનો લીલો પડવાશ કરેલ હોય તો જમીનમાં ભેળવી દેવો તથા ચોમાસુ જયારે સામાન્ય હોય ત્યારે જમીનમાં ભેજ સંગ્રહ થાય તે માટે એક થી બે વાર ખેડ કરવી જરૂરી છે. એક–બે વર્ષના અંતરે હળ કે ટ્રેકટરથી ઉડી ખેડ કરવાથી બહુવર્ષાયુ નિંદામણનો નાશ થાય તેમજ જમીનમાં રહેલા જીવાતોના કોશેટા પણ નાશ પામે છે. જે ખેતરમાં પાણી ભરાઈ રહેતું હોય ત્યાં ઢાળીયા–પાળી બનાવી જમીન તૈયાર કરવી.

વાવણી સમયઃ

- ≻ વરસાદ શરૂ થયા પછી એટલે કે જુન મહિનાના બીજા થી ત્રીજા અઠવાડીયામાં
- ≻ જયાં પિયતની સગવડ હોય ત્યાં મેં મહિનાના બીજા પખવાડીયામાં આગોતરૂ વાવેતર કરવું.

બિયારણનો દર અને અંતર ઃ

➤ પિયત વિસ્તારમાં ૧૨૦ ×૪૫ સેમી તથા બીન પિયત વિસ્તારમાં ૯૦ ×૩૦ સેમી તથા વાગડ વિસ્તારમાં ૨૧૦ ×૩૦ સેમીનું અંતર રાખી હેકટર દીઠ ૧૦ થી ૧૨ કિલો બિયારણરનો દર રાખી જમીનમાં ભેજની ઉપલબ્ધતા મુજબ ૪–۶ સેમી ઉડાઈએ વાવેતર કરવુ.

જાતની પસંદગી : પિયતની સગવડતાના આધારે જાતોની પસંદગી

પિયતની સગવડ હોય ત્યાં	ગુ. કપાસ–૧૦ તથા ગુ. કપાસ–૨૦, ગુ.(ન)કપાસ–૨૨
આંશિક પિયત હોય ત્યાં	ગુ.કપાસ–૧૦, ગુ. કપાસ–૨૦ તથા ભરૂચ વિસ્તારમાં ગુ.કપાસ–૧૬ અને જુનાગઢ વિસ્તારમાં
	ગુ.કપાસ–૧૮
વરસાદ આધારીત ખેતી	ગુ. કપાસ−૧૦,૧ <i>૬</i> , ૧૭ (ભરૂચવિસ્તાર) ગુ.કપાસ−૧૨, ૨૧, ૨૫ અને આણંદ દેશી કપાસ−૧
માટે	(વાગડ વિસ્તાર)

બીજ માવજતઃ

- ≻ જમીનમાં નાઈટ્રોજનના સ્થિરીકરણ માટે એક કિલોગ્રામ બિયારણ દીઠ ૩૦ ગ્રામ એઝોટોબેકટર કલ્ચરનો પટ આપવો.
- ➢ જીવાણુથી થતા બીજ જૈવીક નિયંત્રણ માટે સ્યુડોમોનાસ ફલ્યુરોસેન્સ સ્ટ્રેઈન−૧ નો ૧૦ ગ્રામ/૧ કી.ગ્રા. બીજમાં પટ આપવો અને ૨૦ ગ્રામ/ ૧૦ લી. પાણીમાં (૦.૨%) મિશ્રણ કરી ૩૦ દિવસના અંતરે ૩ વખત છંટકાવ કરવો.
- સુકારાની સમસ્યા માટે ટ્રાઈકોડરમાં વીરીડી @ પ ગ્રામ પર પ્રતિ કિલો બીજ પ્રમાણે બીજ માવજત તેમજ ટ્રાઈકોડરમાં વીરીડી @ ૨.૫ કિ ગ્રામ પ્રતિ હેકટરે ૧૦૦ કિ ગ્રામ છાણીયા ખાતર સાથે વાવણી સમયે આપવુ.

ખાતરોઃ

- પિયત વિસ્તાર માટે હેકટર દીઠ ૨૦ ટન તથા બીન પિયત વિસ્તાર માટે ૧૦ ટન છાણિયુ ખાતર અથવા કમ્પોસ્ટ અથવા ૨ ટન દિવેલીનો ખોળ નાખવો
- 🕨 હેકટર દીઠ ર કિલો ગ્રામ એઝોટોબેકટરને૧૦૦ કિલો છાણિયા ખાતરમાં એનરીચ કરી જમીનમાં નાખવું

પિયતઃ

- છેલ્લા અસરકારક વરસાદ બાદ કાળી જમીનમાં ૨૦ થી ૨૫ દિવસના અંતરે તથા ગોરાડું જમીન માટે ૧૫ દિવસના આંતરે પિયત આપવું.
- ≻ પિયત પાણીની અછત હોય તો એકાંતરે ચાસે પાણી આપવું.





આંતર ખેડ અને નિંદણ નિયંત્રણ :

- ૪ કપાસનું વધુ ઉત્પાદન લેવા માટે તેની શરુઆતની વૃધ્ધિના ૫૦ થી ૪૦ દિવસના ગાળામાં પાકને નિંદણથી મુકત રાખવો આવશ્યક છે. કપાસના પાકમાં જરુરીયાત મુજબ આંતર ખેડ તેમજ નિંદામણ કરતા રહેવું અને ખેતર ચોખ્ખું રાખવુ.
- ≻ ખેતરને ૦૦ દિવસ સુધી નિંદામણ મુકત રાખવું.

આંતરપાક અને દ્વિપાક પધ્ધતિઃ

➤ વરસાદ આધારીત ખેતીમાં કપાસ સાથે મગફળી, અડદ, સોયાબીન અથવા મગ આંતર પાક તરીકે અને વરસાદ આધારીત દેશી કપાસનીબે હાર વચ્ચે ૧૨૦ સે.મી. અંતર રાખી અડદની બે હાર વાવવાથી આર્થિકરીતે ફાયદાકારક રહે છે. સોયાબીન(ગુજરાત સોયાબીન–૨) અથવા અડદ (ઝંડેવાલ) અથવા મગ (ગુજરાતમગ–૨) પણ આંતરપાક તરીકે લઈ શકાય.

જીવાત નિયંત્રણ

- ≻ પ્રતિકારક જાતોની પસંદગી કરવી. લીંમડાનો ખોળ (૨૫૦ કિલો/હે.) વાપરવાથી જીવાતોનો ઉપદ્રવ ઓછો રહે છે.
- ➢ કુદરતી સંરક્ષક પાકો તરીકે મકાઇ કે જુવારની છંાટ નાખી દાળિયાં અને લીલી પોપટી જેવા સંરક્ષકોની જાળવણી કરવી. દિવેલા પાકનો લશ્કરી ઇયળનાં પીંજર પાક તરીકે, હજારીમલ ગલગોટાનું લીલી ઈયળના પીંજર પાક તરીકે વાવેતર કરી શકાય. ખેતરમાં પક્ષીઓને બેસવા લાકડાનાં ટેકા મુકવા.
- ➢ શેઢાપાળા ઉપરનાં ગાડર/ કાંસકી/ જંગલી ભીંડા/ કોગ્રેસ ઘાસ વિગેરે પ્રકારનાં નિંદામણોનો નાશ કરવો. ખરી પડેલ પાનોનો નિકાલ કરવો. સમૂહમાં કીટકને વીણીને, ઈંડાના સમુહ/ પ્રથમ અવસ્થાની લશ્કરી ઈયળોનો સમુહ તેમજ મીલીબગ અથવા કાબરી ઈયળથી ઉપદ્રવિત ડુંખ તોડીને બાળીને નાશ કરવો.
- ➢ પીળાં ચીંકણાં ટ્રેપ (૨૦/ હે.) લગાડવાથી પુખ્ત સફેદ માખી અને થ્રીપ્સનાં ઉપદ્રવ ઘટાડી શકાય તેમજ પુખ્ત પાંખવાળા માોલોની પાકમાં શરુઆત અને સ્થાળાંતરની જાણકારી મેળવી. જીંડવા કોરી ખાનાર ઈયળોનો મોજણી માટે ફેરોમોન ટ્રેપ હેકટર દીઠ પાંચ પ્રમાણે લગાડવા અને પિજરમાં આવતા નર ફુદાંઓની સંખ્યા રોજ તપાસતા રહેવુ. નર ફુદાંઓની સંખ્યા વધતી જોવા મળે ખેતરમાં નુકશાનની તપાસ/ મોજણી કરવી.
- ૪ેવિકનિયત્રંણ માટે લીલી પોપટીના હેકટર દીઠ દસ હજાર ઈડા અથવા ઈયળનેં બે–ત્રણ વખત છોડવા. (નવસારી કૃષિ યુનિવર્સિટી, નવસારીની જૈવીક પ્રયોગશાળામાં અગાઉથી જાણ કરી મેળવી શકાય.) ફેરોમોન ટ્રેપમાં સરેરાશ પાંચ નર ફુદાં પકડાવાની શરુઆત થયાના પાંચ દિવસ બાદ પાંચ થી સાત વખત ઈડાની પરજીવી ભમરી, ટ્રાયકોગ્રામેટોઈડી બેકટરી % અથવા ટ્રાયકોગ્રામા સ્પી. ૧ થી ૧.૫ લાખ (પરજીવીકરણ પામેલ ઈડાના ટ્રાયકોકાર્ડ) જેટલા પાન ઉપર નીચેની બાજુએ સ્ટેપ્લરની મદદથી ચોંટાડી જૈવિક નિયંત્રણ માટે વાપરી શકાય.
- ➤ સલામત લીમડા આધારિત (એઝાડીરેકટીંગ ૦.૧૫%– લીંબોડીના મીંજ આધારીત ઈસી) ૫ થી ૧૦ મીલી/ લિ. મુજબ અથવા કપાસના વાવેતરના ૩૦ દિવસ બાદ મીલીબગના ઉપદ્રવ શરૂ થયે લીંબોળીનું તેલ ૩૦–૫૦ મી.લી. + ૧૦ ગ્રામ અરીઠા પાવડર પાવડર પ્રતિ ૧૦ લીટર પાણીમાં ભેળવી ૮–૧૦ દિવસના અંતરે જરૂરીયાત મુજબ ર–૩ છંટકાવ કરવા.
- સુક્ષ્મ જૈવિકનિયંત્રકો જેવા કે *વર્ટીસીલીયમ લેકેનાઈ, બ્રેવરીયા બાસીયાના, મેટારાઈઝમ એનોસોપલી* નામની પ ગ્રા. અથવા મી.લી./ લી. મુજબ પાકની શરુઆતની અવસ્થાએ વાતાવરણમાં ભેજ જળવાય ત્યારે છંટકાવ કરી શકાય. લીલી ઈયળ માટે વિષાણુયુકત જૈવિક પ્રવાહી HNPV @450 LE પ્રતિ હેકટરે સાંજના સમયે છંટકાવ કરવો. લશ્કરી ઈયળ માટે વિષાણુયુકત જૈવિક પ્રવાહી SNPV @ 250 LEપ્રતિ હેકટરે સાંજના સમયે છંટકાવ કરવો.
- ≻ ગૌમુત્ર/ છાણ આધારીત જીવામૃત અથવા નફ્ફટીયા, આંકડા, લસણના પાનોનો અર્કનું દ્રાવણ પણ છંટકાવ કરી શકાય.





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Cotton Research through PG Studies (Thesis)

Sl	PG Student	Title	Year	Degree	Major Guide		
1	PHYSIOLOGY						
	Thakare Harish Shriram	Physiological manipulation of Bt cotton Morphoframe by using ethylene	October 2009	M. Sc.	Dr. V. Kumar		





Sl	PG Student	Title	Year Degree		Major Guide
	Patel Kirankumar	Physiological analysis of yield in cotton under	September	M. Sc.	Dr. V. Kumar
	Uttamrao	irrigated and water stress condition	2011		
	Thakare Harish	Physiological basis of heterosis in inter and	November	Ph. D.	Dr. V. Kumar
	Shriram	intra specific cotton hybrids (Gossypium spp.)	2013		
	Nawalkar Dinesh	Influence of modification of morphoframe on	May 2014	Ph. D.	Dr. V. Kumar
	Parashram	physiology and yield in cotton	5		
	Singh Chandrakant	Physio-biochemical trial of cotton (Gossypium	June 2014	Ph. D.	Dr. V. Kumar
	e	hirsutum L.) in diallel cross for water stress			
		tolerance and its molecular characterization			
2		PLANT BREEDING & GENH	ETICS		
	Patel	Genetic study in Gossypium hirsutum L.	June 2011	M. Sc.	Dr. M. R. Naik
	BhavinkumarNare	cotton			
	shbhai				
	FalduGirishkumar	Genetic analysis of qualitative and	December	Ph. D.	Dr. B. D. Jadhav
	Odhavji	quantitative characters in American cotton (G.	2011		
		hirsutum L.)			
	Chaudhari	Genetic study of inter specific <i>desi</i> hybrids of	July 2012	M. Sc.	Dr. B. G. Solanki
	Kirankumar	cotton in respect to yield and fibre quality			
	Jashvantbhai				
	Chaudhary Rakesh	Genetic analysis in inter specific desi hybrids	May 2013	M. Sc.	Dr. B. G. Solanki
		of cotton in relation to yield and quality			
		parameters			
	Lodam Vaibhav	Genetic analysis for morphological and fibre	October	Ph. D.	Dr. M. R. Naik
	Ashokrao	quality traits in American cotton	2013		
	Nakum J.S.	Line x Tester analysis in American cotton (G.	November	M. Sc.	Dr. K. V.
		hirsutum L.)	2013		Vadodariya
	Chaudhari	Genetic diversiry analysis for seed cotton	May 2017	M. Sc.	Dr. G.O.Faldu
	Mahendrakumar	yield and fiber quality in cotton (Gossypium			
	Nanjibhai	hirsutum L.)			
	Wadikar P.B.	Genetic architecture and environmental	September	Ph. D.	Dr. B. G. Solanki
		adaptation for seed cotton yield, its	2017		
		contributing traits and fibre quality			
		components in cotton(Gossypium hirsutum L.)			
	Upadhyay	Genetic Architecture in Cotton (Gossypium	2018	M.Sc.	Dr. D. H. Patel
	Shubham	hirsutum L.).		(Agri.)	
	Nileshkumar				
	Patel Himalay	Genetic analysis of GMS based hybrids in	2018	M.Sc.	Dr. D. H. Patel
	Rajeshbhai	cotton (Gossypium hirsutum L.)		(Agr1.)	
	Chauhan	"HETEROSIS AND COMBINING ABILITY	2020	M.Sc.	Dr. K. V.
	JignabaHarpalsinh	STUDIES IN DESI COTTON. (G.		(Agrı.)	Vadodariya
		herbaceum L.)			5 6 6 5 11
	Makwana Trushti	GENETIC ANALYSIS OF CMS-R BASED	2020	M.Sc.	Dr.G.O.Faldu
	Maganlal	HYBRIDS IN SORGHUM "[Sorghum		(Agrı)	
	D N N N N N N N N N N	<i>bicolor</i> (L.) Moench			5 6 6 5 11
	Parmar Nilesh D.	Genetic analysis of morphological, biochemical and quality traits in $(C, himstyre, I)$ better	2020	M.Sc.	Dr.G.O.Faldu
		and quanty trans in (G. <i>nirsutum</i> L.)cotton	2020	(Agri)	
	Anir vaishali	Genetic Architecture in Upland Cotton	2020	M.Sc.	Dr. M.C.Patel
	Jayanuonai	(Gossypium nirsutum L.)	2020	MC	
	Shruuni K.	Norphological and Molecular Variability in	2020	IVI.SC.	Dr. D. H. Patel
	Datal Direc	Couon (Gossypium nirsutum L.)	2021	(Agri)	
	Patel Kiya	Evaluation of recombinant inbred lines for	2021	M.Sc.	Dr. D. H. Patel
	Hashmukhbhai	hore quality parameters and morphological		(Agrı)	
		characters in cotton (<i>Gossipium arboreum</i> L.)			
		("Awaraea Late Dr. Champakbhai B. Patel,			
		Goua Flatea Silver Medal in 18 Annual			
		Convocation of NAU, Navsari held on			
		05/05/2025 for securing the highest OGPA &			





Sl	PG Student	Title	Year	Degree	Major Guide
		rating of the thesis in the subject of Plant			
		Breeding & Genetics)			
	Butani	Genetic diversions and co-relation studies in	2022	M.Sc.	Dr. M. C. Patel
	MeetkumarKamles	upland cotton (Gossypium hirsutum L.)		(Agri)	
	hbhai				
	Thorat	Genetic analysis for seed cotton yield and its	2022	M.Sc.	Dr. M. C. Patel
	BhumikabenShank	components in upland cotton (Gossypium		(Agri)	
	arbhai	hirsutum L.)			
	Kalasriya Dipak	Genetic Analysis in cotton (Gossypium	2022	M.Sc.	Dr. D. H. Patel
	Bhagvanbhai	hirsutum L.)		(Agri)	
		(*Awarded Late Dr.Champakbhai B. Patel,			
		Gold Plated Silver Medal in 19 th Annual			
		Convocation of NAU, Navsari held on			
		03/01/2024 for securing the highest OGPA &			
		rating of the thesis in the subject of Plant Breading & Constias)			
	Tambali	GENETIC VADIABILITY AND D2	2023	MSo	Dr D U Datal
	Nileshkumar	ANALYSIS IN COTTON (Gossupium	2023	$(\Lambda \text{ ori})$	
	Miesiikuillai	hirsutum I		(Agii)	
3		PLANT MOLECULAR BIOLOGY AND B	IOTECHNO	N OCV	
5	Morey Akshay	Physio-biochemical and Molecular	2020	M Sc	Dr. Raikumar B. K
	Rhagwat	characterization of cotton Genotypes	2020	W1.5C.	DI. Rajkullar D. R.
	Dhagwat	(G herbaceum L.) for salinity			
	Panara	Isolation and molecular characterization of	2021	M Sc	Dr. Raikumar B. K
	SandipkumarShivii	cellulose degrading bacteria	2021	111.50.	Di Rujkullul D. R.
	bhai				
	SherasiyaJainulabe	Isolation and Molecular Characterization of	2022	M.Sc.	Dr. Raikumar B. K.
	dinMahebub	siderophore producing bacterial strains			
		attributing antifungal activity			
	Badi	Morpho-Physiological, Biochemical and	2023	M.Sc.	Dr. Rajkumar B. K.
	MohammadayajAl	Molecular profiling Interspecific Derivative			, , , , , , , , , , , , , , , , , , ,
	imamad	of cotton genotypes under salinity stress			
		during early seedling growth stage			
4		AGRONOMY			
	Gohil	Effect of spacing and nitrogen levels on	September	M. Sc.	Dr. V. P. Usdadia
	MayursinhHarendr	growth, yield and quality of Bt cotton	2013		
	asinh	(Gossypium hirsutum L) under south Gujarat			
		condition			
	Desai	Effect of different levels, split application and	January	M. Sc.	Dr. V. P. Usdadia
	ManishkumarKanu	methods of application of nitrogen on growth,	2014		
	bhai	yield and quality of Bt cotton (Gossypium			
		hirsutum L.) under south Gujarat condition	2020	140	
	NaharwadaRobinsi	"Effect of different levels and	2020	M.Sc.	Dr. M. M. Patel
	ngh Bharatsingh	sources of nitrogen in wheat			
		(<i>Triticum aestivum</i> L.) under coastal			
		salt affected soff"	2022.22	МС	D. M.M. D. (1
	Katariya Hitesh	INTEGRATED WEED MANAGEMENT IN	2022-23	M.Sc.	Dr. M. M. Patel
	Arajanonai	CULADAT CONDITION		(Agri)	
	GUJARAT CONDITION		2022.22	MCa	Dr M M Datal
	vankarBnavesnku	EFFECT OF WEED AND NUTRIENT	2022-23	M.SC.	Dr. M. M. Pater
	marinarsinnonai	(Southern biscley) UNDER SOLUTH		(Agri)	
		GUIARAT CONDITION			
	Patel	RESPONSE OF Rt COTTON TO WEED	2023.24	MSo	Dr M M Datal
	i alci SweetykumeriViio	ANDNUTRIENT MANAGEMENT LINDED	2023-24	(Δari)	
	vhhai	SOUTH GUIARAT CONDITION		(13511)	
	John				



Sl	PG Student	Title	Year	Degree	Major Guide
	KarnavatMinarva	Effect of high density planting and	2024	M. Sc.	Dr. M. M. Patel
	benManchharam	nutrient management on compact varieties		(Agri)	
		of cotton			
	Adarsh L.	Effect of Organic Manures and Inorganic	2024	M. Sc.	Dr. P. S. Patel
		Fertilizers on Soil Health and Nutrient		(Agri)	
		Requirement of Bt Cotton		(8)	
5		Entomology			
-	M. V. Patel	Biology, Morphometrics and control of stem	1966	M.Sc.	Dr. R. M. Patel
		weevil (<i>Alcidodesaffaber</i>) on Cotton		(Agri.)	
	H. N. Vyas	Some studies on bionomics and carryover of	1966	M.Sc.	Dr. R. M. Patel
	2	spotted bollworm (Eariasspp.) of cotton		(Agri.)	
		during off season			
	P. A. Bhalani	Some studies on bionomics and control of	1970	M.Sc.	Dr. R. M. Patel
		cotton jassids (EmpoascadevastansDistant)		(Agri.)	
	M. A. Patel	Comparative effect of spraying of various	1971	M.Sc.	Dr. R. M. Patel
		insecticides on population of parasites of cotton		(Agri.)	
	D. K. Cohil	spotted bollworm (<i>Earlasspp.</i>)	1072	Dh D	Dr. C. M. Toloti
	K. K. GOIIII	of the cotton spotted bollworm (<i>Fariasspp</i>) in	1972	PII.D.	Dr. G. M. Talali
		Saurashtra			
	J. G. Bapodara	Studies on bionomics of cotton leaf roller	1973	M.Sc.	Dr. H. N. Vyas
	L L	(SyleptaderogataF.)		(Agri.)	, i i i i i i i i i i i i i i i i i i i
	N. B. Rote	Evaluation of insecticidal schedules against	1973	M.Sc.	Dr. M. S. Chari
		bollworms (EariasfabiaS, E. insulana B. and		(Agri.)	
		<i>Heliothis armigera</i> Hb.) on hybrid 4 cotton	1074	24.0	
	R. K. Bharodia	Some studies on bionomics and control of a	1974	M.Sc.	Dr. G. M. Talati
		phytophagous mite of Deviran (1/0 Co 2)		(Agri.)	
		(Tatranychusnaocaladonicus Andrei)			
	L N L ad	Studies on biology seasonal incidence and	1974	M Sc	Dr. V. I. Vora
	J. IV. Lau	chemical control of cotton	1774	(Agri)	
		<i>Tetranychusurticae</i> Koch (Tetranychidae :		(11911.)	
		Acari) in Middle and South Guiarat area			
	T. M. Manjunatha	Evaluation of the effect of two insecticidal	1974	M.Sc.	Dr. R. C. Patel
	5	schedules on important pests of hybrid 4		(Agri.)	
		cotton and their natural enemies			
	V. B. Sankpal	Studies on evaluation of some new	1975	M.Sc.	Dr. A. H. Shah
		insecticides against bollworms on hybrid 4		(Agri.)	
		cotton under South Gujarat condition			
	B. K. Patel	Biology of <i>Rogas aligarhensis</i> Q.A. larval	1976	M.Sc.	Dr. R. C. Patel
	5 XX XX 1	parasite of <i>Earias</i> spp.	1074	(Agri.)	
	D. N. Yadav	Studies on the natural enemies of <i>Heliothis</i>	1976	Ph.D.	Dr. R. C. Patel
		armigeraH. and its biological control using an			
	N. V. Dotol	egg parasile, <i>Trichogrammadustraticum</i> G.	1076	որ	Dr. C. M. Toloti
	IN. V. Pater	brorg (Alaidadasaffabar)	1970	PII.D.	Dr. G. M. Talau
	P A Bhalani	Morphology bionomics and control of leaf	1077	Dh D	Dr. G. M. Talati
	I.A. Dhataill	weevil infesting cotton	1711	I II.D.	
	K. L. Raghvani	Evaluation of quinalphos formulations of M/s	1978	M Sc	Dr. G. M. Talati
	IX. D. IXugii vuili	Sandoz (India) Ltd. for control of pest of	1770	(Agri.)	
		hybrid 4 cotton vis-à-vis other standard		· <u>0</u> - ••)	
		insecticides			
	B. N. Patel	Studies on effect of quinalphos vis-à-vis other	1979	M.Sc.	Dr. A. H. Shah
		insecticides on pest complex of hybrid 5 cotton		(Agri.)	
	R. M. Patel	Comparative evaluation of Sevisulf,	1980	M.Sc.	Dr. A. H. Shah
		Sevimolsulf and VC 51762 for the control of		(Agri.)	
		insect pests and mites infesting cotton			





Sl	PG Student	Title	Year	Degree	Major Guide
	K. A. Bandhania	Evaluation of some insecticide against their	1982	M.Sc.	Dr. D. N. Yadav
		safety to the natural enemies of cotton		(Agri.)	
		bollworms in hybrid 4 cotton			
	R D Chauhan	Field evaluation of tetradifon (ATUL) in	1984	M Sc	Dr C B Patel
	R. D. Chuunun	comparison to conventional acaricides against	1701	(Agri)	DI. C. D. I diel
		mite of cotton sorghum and okra		(/1511.)	
	R I Patel	Evaluation of bio-efficacy of endosulfan using	1985	M Sc	Dr A H Shah
	IC. I. I ator	active ingredient and concentration based	1705	(Agri)	
		spray solution for control of cotton pest		(11g11.)	
		complex			
	D K Datal	Studies on different types of threshold levels	1086	Dh D	Dr A U Shah
	K. K. Falti	for the control of Equipment on G. Cot. Hy 6	1960	FII.D.	DI. A. II. Shah
		for the control of <i>Earlasspp</i> . on O. Col. Hy. o			
		collon in South Gujarat	1000	МС	
	I. M. Maisuria	Investigations on need based applications of	1988	M.Sc.	Dr. C. B. Patel
		synthetic pyrethroids and their schedules		(Agri.)	
		against bollworms on G. Cot. DH 7 cotton			
		under rainfed conditions		:	
	J. J. Patel	Influence of nozzles and spraying techniques	1990	M.Sc.	Dr. C. B. Patel
		on bio-efficacy of insecticides against pest		(Agrı.)	
		complex of cotton			
	J. J. Pastagia	Techno economic benefits of new spraying	1990	M.Sc.	Dr. A. H. Shah
		techniques for cotton crop and biology of		(Agri.)	
		cotton jassids, Amrasca biguttula			
		<i>biguttula</i> Ishida on cotton			
	J. D. Patel	Succession of important pests and estimation	1994	M.Sc.	Dr. G. M. Patel
		of avoidable losses due to pest complex in		(Agri.)	
		cotton in North Gujarat			
	C. J. Patel	Assessment of partitioned growth stage yield	2007	Ph. D	Dr. M. S. Purohit
		losses due to insect pests of cotton			
	S. R. Pawar	Investigations on cotton mealy bug,	2011	M.Sc.	Dr. H. R. Desai
		Phenacoccussolenopsis Tinsley on Bt cotton		(Agri.)	
		under south Gujarat condition			
	N. M. Patel	Impact of agronomic practices on incidence of	2014	M.Sc.	Dr. H. R. Desai
		different insect pests and their management in		(Agri.)	
		high density planting of cotton			
	V. K. Chaudhari	Development of economic threshold level and	2014	M.Sc.	Dr. H. R. Desai
		quantifying resistance build up in leaf hopper		(Agri.)	
		(Amarasca biguttula biguttula Ishida) on			
		cotton under south Gujarat condition			
	D. V. Bhojani	Feeding potential of	2015	M.Sc.	Dr. H. R. Desai
	5	<i>Chrysoperlazastrowisillemi</i> (Esben-Petersor)		(Agri.)	
		on aphid and mealybug and their relative			
		susceptibility to pesticides used in Bt cotton			
	Rathod K R	Incidence of bollworms on Bt and non-Bt	2016	M.Sc.	Dr. H. R. Desai
		cotton hybrid under south Guiarat condition		(Agri.)	
	Zinzuvadiva	Morphological and Molecular Variation in	2017	M Sc	Dr H R Desai
	Hasmukh D	Population of Pink bollworm in South Guiarat	2017	(Agri)	
	Sanghani Niraliben	Feeding potential of Cheilomenessexmaculata	2017	M Sc	Dr G R
	Iamanbhai	(F) on aphid and mealybug and their relative	2017	(Agri)	Bhanderi
	Jumanonai	suscentibility to pesticides used in cotton		(11511.)	Dhanderr
	Manukumar R	Efficacy of plant derived oils/extracts on	2018	M.Sc	Dr H R Desai
	Wianukumai K.	sucking pests of Bt cotton	2010	$(\Delta \sigma ri)$	D1. 11. K. Desai
	Chauhan	Population dynamics and avaluation of	2018	M So	Dr R D Datal
	Krupalkumar	inspecticides against action thring	2018	(Λari)	DI. K. D. Falel
	Limmethai	insectiones against cotton unips		(Agii.)	
	11111111111111111111111111111111111111	Effort of notesh application on insidence of	2020	MSa	Dr LI D Dagai
	r armar Narafikumar	Pollycorm in Cotton	2020	$(\Lambda \sim 1)$	DI. H. K. Desal
1	ппатат	DOIIWOIIII III COUOII		(Agri.)	



Sl	PG Student	Title	Year	Degree	Major Guide
	Nagarjuna T N	Resistance to insecticides in different field	2020	M.Sc.	Dr. H. R. Desai
		population of cotton leafhopper, Amrasca		(Agri.)	
		<i>biguttula biguttula</i> Ishida (Hemiptera:			
		Cicadellidae) in Bharuch district, Gujarat			
	Tirupati Sinipini	Effect of potash application on incidence of	2020	M.Sc.	Dr. H. R. Desai
		sucking pests in Bt cotton hybrid		(Agri.)	
	Rudani	Resistance to insecticides in different field	2020	M.Sc.	Dr. R. D. Patel
	Namrataben	population of cotton aphid, Aphis gossypii		(Agri.)	
	Atulbhai	Glover (Hemiptera: Aphididae) in Bharuch			
		district, Gujarat			
	Patel Zinalkumari	Bio-efficacy of insecticides against cotton aphid,	2021	M.Sc.	Dr. R. D. Patel
	Kanubhai	Aphis gossypii Glover and their residual status in		(Agri.)	
		cotton seed and lint.			
		(*Awarded Late Dr.Champakbhai B. Patel, Gold			
		Plated Silver Medal in 18 th Annual Convocation of			
		NAU, Navsari held on 03/03/2023 for securing the			
		highest OGPA & rating of the thesis in the subject			
		of Entomology)			
	Desai Ankur	Insecticide induced resurgence in cotton	2022	Ph.D.	Dr. H. R. Desai
	Vinodbhai	mealybug, Phenacoccussolenopsis Tinsley			
		(Psuedococcidae: Homoptera)			
	Parmar Pravinbhai	Efficacy of seed treatment chemicals against	2022	M.Sc.	Dr. G. R. Bhander
	Raysangbhai	sucking pests of Bt cotton		(Ento.)	
	Rathod Tanviben	Investigation on off-season survival of cotton	2023	M.Sc.	Dr. H. R. Desai
	Ramanbhai	pink bollworm in South Gujarat		(Ento.)	
	Dalsaniya Nirali	Biology and management of leaf roller,	2023	M.Sc.	Dr. R. D. Patel
	Savjibhai	Syleptaderogata (Fabricius) in cotton		(Ento.)	
		Pathology			
	Patel Bhavikbhai	Investigation on cotton wilt caused by	2018	M.Sc.	Dr. P. B.Sandipan
	Karshanbhai	Fusarium oxysporum f. sp. vasinfectum (Akt.)		(Agri.)	
		W. C. Snyder & H. N. Hansen			
	Paladiya	Characterization and Antagonistic Potentiality	2018	M.Sc.	Dr. P. B.Sandipan
	Sharadkumar	of Purpureocillium spp.		(Agri.)	
	Harshadbhai				
	Nirvaben Patel	INVESTIGATION ON TARGET SPOT OF	2022	M.Sc.	Dr. P. B.Sandipan
		COTTON CAUSED BY		(Agri.)	
		Corynesporacassucola (Berk. & M. A.			
	a .	Curtis) C. 1. Wei ²	2022		
	Sangani	STUDIES ON TARGET LEAF SPOT OF	2023	M.Sc.	Dr. P. B.Sandipan
	Paraskumar	COTTON CAUSED BY		(Agrı.)	
	Nitinbhai	Corynesporacassiicola (Berk. & M. A.			
		Curtis) C. T. Wei			
	Manavadria	STUDIES ON COTTON WILT CAUSED	2024	M. Sc.	Dr. P.B.Sandipan
	Twinkle	BY Fusarium oxysporum f. sp. vasinfectum			
	Dipakkumar	(Akt.) W.C. Snyder & H. N. Hansen	2024		D D D G U
	Kodavala Payalben	STUDIES ON CURVULARIA LEAF SPOT	2024	M. Sc.	Dr. P.B.Sandipan
	J.	DISEASE OF COTTON CAUSED BY			
	Caral I 1 D1 1	Curvularialunata (WAKKER) BOEDIJN	2025	MC	
	Gopai Lai Dhaker	Investigation on bacterial leaf blight disease	2025	M. Sc.	Dr. P.B.Sandipan
		(<i>Aunthomonas campestris</i> pv. <i>malvacearum</i> (Smith) Duo) of cotton			
7					
/	Himani Datal	IVIICTO-BIOLOgy	2010	MSa	Dr D D Domon
	rinnani Patel	its efficiency to degrade action stalls in static	2019	NI.SC.	DI. F. K. Parinar
		condition		technology	





Sl	PG Student	Title	Year	Degree	Major Guide
8		Biochemistry			
	Pansuriya	Biochemical and molecular characterization	May-2020	M.Sc	Dr. H. R.Ramani
	Namrtaben B.	of cotton genotypes for drought tolerance		(Agri)	
	Lad Hardik S.	Effect of different level of sulphur on	Sept-2021	M.Sc	Dr. H. R. Ramani
		biochemical and physiological characters of		(Agri)	
		cotton (Gossypium Hirsutum L.)."			
	Korant Neel	NUTRITIONAL ANALYSIS OF RAW,	Sept-2022	M.Sc	Dr. H. R. Ramani
	Parasotam	COOKED AND SPROUTED COWPEA		(Agri)	
		GENOTYPES			
	Marakana Palav	BIOCHEMICAL CHARACTERIZATION	Sept-2022	M.Sc	Dr. H. R. Ramani
	Rameshbhai	OF COTTON HYBRIDS AND THEIR		(Agri)	
		PARENTS			





(૬) બહાર પાડવામાં આવેલ વર્ષવાર ભલામણોની વિગત

			00	teen mip				
Sr.	G.	Year of	G.	Year of	G.	Year of	G.	Year of
	herbaceum	Release	arboreum	Release	hirsutum	Release	barbadense	Release
1	G.Cot.11	1979	G.Cot.15	1989	G.Cot.10	1974	GN.Cot.103	2014
2	G.Cot.13	1981	G.Cot.19	1997	G.Cot.100	1974		
3	G.Cot.17	1995	GN.Cot.29	2017	G.Cot.12	1981		
4	G.Cot.21	1998			G.Cot.14	1986		
5	G.Cot.23	2000			G.Cot.16	1995		
6	GN.Cot.25	2010			G.Cot.18	1999		
7	ADC-1	2010			G.Cot.20	2007		
8	ADC-2	2015			GN.Cot.22	2013		
9	G.Cot.27	2024			GN.Cot.26	2017		
	(Surati Sonu)							
10					GN.Cot.32	2017		
11					G.Cot.34	2019		
12					G.Cot.36	2019		
13					G.Cot.40	2020		
14					G.Cot.42	2020		
15					GN.Cot.44	2022		
16					G.Cot.10 Bt	2024		

Cotton Improvement

Sr.	H x H Hybrid	Year of	H x B	Year of	Desi	Year of Release	Bt Hybrid	Year of
		Release	hybrid	Release	hybrid		(H x H	Release
							Hybrid)	
1	Hybrid-4	1971	G.Cot.Hy	2002	G.Cot.DH-7	1984	G.Cot.Hy-6	2012
			.102				(BGII)	
2	G.Cot.Hy-6	1980			G.Cot.DH-9	1989	G.Cot.Hy-8	2012
							(BGII)	
3	G.Cot.Hy-8	1988			G.Cot.MD	2002	G.Cot.Hy-	2015
					H-11		10 (BGII)	
4	G.Cot.Hy-10	1995					G.Cot.Hy-	2015
							12 (BGII)	
5	G.Cot.Hy-12	2005						
6	GN.Cot.Hy-14	2014						
7	GN.Cot.Hy-18	2017						

AGRONOMY

Sr.	Item	Centre &
No.		Year
1	G.Cot.10 should be sown at 90 x 60 cm spacing keeping two plant/hill with application of 150	Surat,
	Kg N/ha. Of the total nitrogen 50 Kg N/ha should be applied as basal and remaining quantity of	1983
	nitrogen should be applied in two equal splits at an interval of one month from basal application	
	as it gave higher seed cotton yield and monetary returns	
2	In cotton Hybrid-4 thinning of the plant should be done after 15 to 30 days of germination	Surat,
	keeping one plant/hill.	1983
3	To secure higher seed cotton yield and monetary returns, farmers of South Gujarat aredvised to sow the	Surat,
	G.Cot.Hy-6 at 120 x 60 cm spacing keeping two plants/hill with application of 240 Kg N/ha. Of the total	1983
	nitrogen 25% N should be applied as basal dressing and remainingquantity of nitrogen should be top	
	dressed in three equal splits at an interval of one month from basal dressing.	
4	Spraying of Ronstar as pre-emergence @ 1.00 lit.a.i./ha Diuron as post-emergence @ 0.75 Kg	Surat,
	a.i./ha 20 days after pre-emergence treatment + 4 hand weeding or Ronstar as pre-emergence @	1983
	1.00 Lit a.i./ha + Diuron as post emergence @ 0.75 Kg a.i./ha + 2 nd weeding or Basalin @ 1.25	
	lit al.i./ha as pre-planting + Diuron as post emergence @ 0.75 Kg a.i/ha + 2 hand weeding gave	
	effective and economic weed control in Hybrid-4 cotton under irrigated conditions in South	
	Gujarat.	



5	Variety Sanjay keeping 60cm inter row and 15 to 20cm Intra row spacing with application of 25	Amreli,
	Kg N/ha in two equal splits i.e. ¹ / ₂ N as basal dressing and remaining ¹ / ₂ after one month from	1984
	sowing is recommended under rainfed conditions at Amreli.	~
6	For getting higher production of seed cotton, the farmers of Sabarkantha district are advised to	Surat,
	sow cotton Hybrid-4 on 1 June with irrigation and apply 180-60-60 NPK Kg/na. of the total fartilizer 16 N + all B and K should be applied at sources and the remaining quantity of N should	1984
	be applied in three equal splits at squaring flowering and holl setting stages respectively	
7	For getting higher production of seed cotton and more net returns/ha farmers of South Guiarat	Surat
,	are advised to sow cotton Hybrid-4 at 120 x 60 cm spacing with application of 320 Kg N per ha.	1984
	Of the total nitrogen, 25% nitrogen should be applied as basal dressing and remaining 75% of	
	nitrogen should be applied as top dressing in three equal splits in the form of urea at an interval	
	of one month after basal dressing. Addition of P2O5 and K2O was not advantageous.	
8	For getting higher production of seed cotton and more net returns per ha, farmers of South	Surat,
	Gujarat are advised to sow cotton G.Cot.Hy-6 at 120 x 45 cm spacing with application of 320	1984
	Kg N per ha. Of the total nitrogen25% nitrogen should be applied as basal dressing and	
	remaining 75% of nitrogen should be applied as top dressing in three equal splits form of urea at	
	an interval of one month after basal dressing. Addition of P2O5 and K2O was not	
9	To secure higher seed cotton yield and net returns from G Cot Hy-6 under rainfed condition of	Bharuch
	Bharuch, farmers are advised to sow at 90 x 30 cm spacing with application of 120 Kg N/ha. Of	1984
	the total nitrogen 50% should be applied as basal and remaining quantity should be top dressed	170.
	in the form of urea after 1-1.5 month from basal dressing.	
10	To secure higher seed cotton yield and monetary returns from G.Cot.11 under rainfed condition	Bharuch,
	of Bharuch, G.Cot.11 should be sown at 90 x 30 cm spacing with application of 40 Kg nitrogen.	1984)
	Of the total nitrogen 50% of nitrogen should be applied as basal dressing and remaining 50% of	
	nitrogen should be applied as top dressing after 1-1.5 months from basal dressing. Addition of	
11	P2O5 was not advantageous.	A .1.11.
11	variety G.Cot.11 should be grown by keeping a distance of 90cm between rows and 60cm within rows with application of 80 Kg N per based of the total nitrogen 50% should be applied as	Achnalia, 1084
	basal dressing and remaining quantity in two equal splits at an interval of one month from basal	1904
	dressing under irrigated conditions of Achhalia. Addition of P2O5 was not advantageous.	
12	Variety G.Cot.Hy-6 should be grown at 90x30 cm spacing with application of 160 Kg N per ha	Achhalia.
	in four equal splits i.e. 40 Kg N per ha as basal and remaining quantity of nitrogen should be	1984
	applied in three equal splits each at an interval of one month from basal dressing under irrigated	
	conditions of Middle Gujarat Zone. Addition of P2O5 was not advantageous.	
13	Farmers of Sabarkantha district are advised to grow G.Cot.Hy-6 at 90x30 or 90x60 cms spacing	Talod,
	with application of 160 Kg N per ha. Of the total nitrogen, 25% of nitrogen should be applied as	1984
	basal dressing and remaining 75% of nitrogen should be applied in three equal splits each at an	
14	Interval of one month from basal dressing. Addition to P2O5 and K2O was not advantageous.	Junagadh
14	with application or 160 K g N per ba. Of the total nitrogen 25% of nitrogen should be applied as	108/1
	basal dressing and remaining 75% of nitrogen should be applied in three equal splits each at an	1704
	interval of one month from basal dressing. Addition of P2O5 was not advantageous.	
15	For getting higher seed cotton yield, variety G.Cot.11 should be sown at 90x30 cm spacing with	Khedbrahma,
	application of 40 Kg N per ha in two equal splits i.e. 50% of nitrogen as basal dressing and	1984
	remaining 50% nitrogen after 1 to 1.5 months from sowing under rainfed condition of	
	Khedbrahma. Application of P2O5 was not advantageous.	
16	To secure higher production of seed cotton as well as higher economic return from irrigated	Surat,
	cotton G.Cot.DH-7, farmers of South Gujarat are advised to sow at 90x60 or 120 x 60cms by	1984
	keeping one plant per hill with application of 160 Kg N per ha. of the total nitrogen, 25% of N	
	should be applied as basal dressing and remaining /5% of nitrogen should be applied as top dressing in three equal splits in the form of uros at an interval of one month after basal dressing	
17	To secure higher production of seed cotton as well as higher economic return from irrighted	Surat
1/	cotton G Cot 11 farmers of South Guiarat are advised to sow at 90x60 or 120 x 60 cms spacing	1984
	by keeping one plant per hill with application of 160 Kg N per ha. Of the total nitrogen 25% of	170-1
	N should be applied as basal dressing and remaining 75% of N should be applied as top	
	dressing in three equal splits in the form of urea at an interval of one month after basal dressing.	





18	For getting higher seed cotton yield, farmers of South Gujarat are advised to sow G.Cot.Hyb-6 at 120 x 45 cm spacing with application of 320 Kg N/ha in four equal splits i.e. 25% as basal, 25% at squaring, 25% at flowering and 25% at first boll bursting stage under irrigated conditions	Surat, 1985
19	Farmers of Wagad cotton zone are advised to sow cotton variety G.Cot.13 at 45 x 22.5 cm spacing with application of 40 Kg N/ha in two equal splits i.e. 50% of nitrogen should be applied as basal dressing and remaining 50% of nitrogen as top dressing in form of urea at 1-1.5 months after sowing under rainfed condition.	Viramgam, 1985
20	To secure higher production of cotton as well as higher economical returns from irrigated cotton G.Cot.Hy-8 farmers of South Gujarat are advised to sow at 120x45 cms spacing with one plant per hill or 120 x 60cm spacing keeping two plants per hill with application of 320 Kg N/ha. of the total nitrogen, 25% N should be applied as basal dressing and remaining 75% N should be applied as top dressing in three equal splits in the form of urea at an interval of one month after basal dressing.	Surat, 1989
21	For getting higher seed cotton yield as well as higher net additional income, G.Cot.DH-7 should be sown at 90x60 cm spacing with application of 120 Kg N/ha under rainfed condition of Bharuchof the total nitrogen 50% should be applied as basal dressing and remaining 50% should be applied as top dressing after 1-1.5 month from sowing.	Bharuch, 1989
22	To secure higher production of seed cotton as well as economical returns from irrigated cotton G.Cot.14. Farmers of South Gujarat are advised to sow 90 x 60 cm spacing with one plant per hill with application of 225 Kg N/ha. of the total nitrogen, 75 Kg N/ha should be applied as basal dressing and remaining 150 Kg N/hs should be applied as top dressing in two equal splits in the form of urea at an interval of one month after basal dressing. If the seeds of G.Cot.14 is not available, G.Cot.10 should be sown as per recommendation of G.Cot.14	Surat, 1989
23	To secure higher production of seed cotton as well as economical returns from irrigated cotton G.Cot.DH-9, farmers of South Gujarat are advised to sow at 90 x 60 cm spacing with application of 160 Kg N/ha. of the total nitrogen, 40 Kg N should be applied as basal dressing and remaining 120 Kg N should be applied as top dressing in three equal splits in the form of urea at an interval of one month after basal dressing	Surat, 1991
24	To secure higher production of seed cotton as well as economical return from irrigated cotton G.Cot.14, farmers of North Gujarat (dry zone) are advised to sow at 90 x 30 cm spacing with one plant/hill with application of 150 Kg N/ha. Of the total N 50 Kg N/ha should be applied as basal dressing and remaining 100 Kg N/ha should be applied as top dressing in two equal splits at an interval of one month after basal dressing. If the seeds of G.Cot.14 are not available G.Cot.10 should be sown as per recommendation of G.Cot.14.	Talod, 1991
25	Under Khedbrahma (North Gujarat, dry zone) soil and climatic condition, G.Cot.Hyb.6 should be grown with a spacing of 90 x 30 cm with the application of N at the rate of 80 Kg N/ha in two equal splits.	Khedbrahma, 1991
26	For securing higher profit farmers of South Gujarat Zone-II are advised to adopt inter cropping of Soyabean in cotton with 100% recommended dose of Nitrogen to cotton (80 Kg N/ha) and 50% recommended dose of N & P to Soyabean (10 Kg N & 20 Kg P2O5/ha) or 50% recommended dose to cotton and 100% recommended dose to Soyabean under rainfed condition of South Gujarat Zone-II.	Bharuch, 1992
27	For securing higher profit, farmers of South Gujarat Zone-II growing rainfed cotton (G.Cot.11) or Tur (B.D.N.2) at distance of 120 cm between rows are advised to intercrop by two rows of urid (30cm apart) in between the rows.	Bharuch, 1993
28	For securing higher net monetary returns farmer of South Gujarat Zone-II growing irrigated cotton G.Cot.Hyb-8 and G.Cot.Hyb-6 are advised to grow wheat (Lok-1) or Groundnut (G.2) as second crop.	Surat, 1993
29	For securing higher net profit farmer of South Gujarat Zone-II growing irrigated cotton G.Cot.Hy-6 at a distance to 120cm between rows are advised to intercrop by one row or Soyabean (G.1) or urid (Zandewal) or Mung (G-2) in between the rows.	Surat, 1994
30	Farmer of South Gujarat Zone are advised to sow cotton (G.Cot.Hyb-6 or 8) during first week of June and follow it with summer groundnut (32% more income).	Surat, 1995
31	Farmers of South Saurashtra Zone growing irrigated cotton (G.Cot.Hyb-8) are advised to sow at 90 x 30 cms spacing with application of 80Kg N/ha (19% more income).	Junagadh, 1995
32	Farmers of South Guiarat Zone cultivating cotton (Hybrid 8) are advised to intercrop it with	Surat.



33	The farmer of South Gujarat zone-II growing irrigated cotton G.Cot.Hy-10 are advised to sow at	Surat,
	120 x 45 cms spacing with application of 240 Kg N/ha in four equal splits	1996
34	Farmers of South Gujarat Zone (AES-II) growing cotton G.Cot.Hy-8 under irrigated condition	Surat,
	are advised to apply 4 irrigations, each of 70mm depth at an interval of 24-28 days for securing	1996
25	higher net profit. The first irrigation should be given after 20.25 days from cessation of rainfall	D1 1
35	The farmer of South Gujarat zone following cotton + Soybean inter cropping system are $\frac{1}{2}$ by $\frac{1}{2}$	Bharuch,
	advised to apply 64 Kg N/ha (80% of RD) to cotton and 10 Kg N & 20 Kg P2O5/ha (50% of RD) to cotton and 10 Kg N & 20 Kg P2O5/ha (50% of	1996
26	RD) to soybean The formers of South Cuieret zone maning C Cat 16 under minfed condition of Phomesh and	Dhamrah
30	The farmers of South Gujaral zone growing G.Col. 16 under rainled condition of Bharuch are	Bharuch,
27	advised to adopt spacing of 90 x 50 cms and returnze it with 80 Kg Wila	1997 Talad
57	30 cm spacing with application of 160 Kg N/ba (ICBP 1:871) Addition of phosphorus was	1007
	not found advantageous	1997
38	For securing higher seed cotton yield farmers of South Guiarat zone growing G Cot DH-9	Bharuch
50	under rainfed condition are advised to sow 120 x 60 cms spacing with application of 80 Kg	1997
	N/ha (ICBR 1.4 16)	1777
39	For securing higher seed cotton yield farmers of South Guiarat zone growing G Cot 17 under	Bharuch
57	rainfed condition are advised to sow at 120 cm x 45 cm spacing with application of 80 Kg N/ha.	1999
	Application of phosphorus was not found advantageous.	
40	Farmers of South Gujarat Zone (AES-II) growing irrigated cotton (G.Cot.Hv-10) under rainfed	Bharuch.
	condition are advised to sow at 120 cm x 30 cm spacing with application of 80 Kg N/ha.	1999
	Application of phosphorus was not advantageous.	
41	Farmers of South Gujarat Zone (AES-II) growing irrigated cotton (G.Cot.Hy-6) are advised to	Surat,
	adopt drip technology under constraints of irrigated water to save 43% water and bring about	1999
	0.74 ha additional area under irrigated. The system should be laid out at a distance of 1.2 mt	
	with a dripper (4 lph) spacing of 0.45 mt and operated for 60 to 70 minutes on alternate day (0.4	
	PEF). Topping has not been found advantageous.	
42	Farmers of North Gujarat Zone-IV under rainfed condition are advised to grow cotton	Khedbrahma,
	G.Cot.DH-9 at 120 x 30 cm spacing with application of 80 Kg N/ha and 40 Kg P2O5/ha for	2000
1		2000
	securing higher seed cotton yield as well as higher net profit. Nitrogen should be applied in two	2000
12	securing higher seed cotton yield as well as higher net profit. Nitrogen should be applied in two splits (50% as basal dose, 50% after one and half month).	2000
43	securing higher seed cotton yield as well as higher net profit. Nitrogen should be applied in two splits (50% as basal dose, 50% after one and half month). Farmers of North Gujarat Zone-IV growing irrigated cotton G.Cot.Hy-10 in sandy loam soil are	Talod,
43	securing higher seed cotton yield as well as higher net profit. Nitrogen should be applied in two splits (50% as basal dose, 50% after one and half month). Farmers of North Gujarat Zone-IV growing irrigated cotton G.Cot.Hy-10 in sandy loam soil are advised to apply 160 Kg N/ha in four equal splits for securing more net return per rupee	Talod, 2001
43	securing higher seed cotton yield as well as higher net profit. Nitrogen should be applied in two splits (50% as basal dose, 50% after one and half month). Farmers of North Gujarat Zone-IV growing irrigated cotton G.Cot.Hy-10 in sandy loam soil are advised to apply 160 Kg N/ha in four equal splits for securing more net return per rupee invested in nitrogen application (ICBR of 1:8.62). Addition of phosphorus is not found	Talod, 2001
43	securing higher seed cotton yield as well as higher net profit. Nitrogen should be applied in two splits (50% as basal dose, 50% after one and half month). Farmers of North Gujarat Zone-IV growing irrigated cotton G.Cot.Hy-10 in sandy loam soil are advised to apply 160 Kg N/ha in four equal splits for securing more net return per rupee invested in nitrogen application (ICBR of 1:8.62). Addition of phosphorus is not found advantageous	Talod, 2001
43	 securing higher seed cotton yield as well as higher net profit. Nitrogen should be applied in two splits (50% as basal dose, 50% after one and half month). Farmers of North Gujarat Zone-IV growing irrigated cotton G.Cot.Hy-10 in sandy loam soil are advised to apply 160 Kg N/ha in four equal splits for securing more net return per rupee invested in nitrogen application (ICBR of 1:8.62). Addition of phosphorus is not found advantageous Farmers of South Gujarat Zone-II in agro-ecological situation-I, growing cotton, G,Cot.Hyb-10 are advised to carry out four hand wooding (i.e., 25, 50, 75 & 100 days after sowing) with 2 	Talod, 2001 Achhalia, 2001
43	 securing higher seed cotton yield as well as higher net profit. Nitrogen should be applied in two splits (50% as basal dose, 50% after one and half month). Farmers of North Gujarat Zone-IV growing irrigated cotton G.Cot.Hy-10 in sandy loam soil are advised to apply 160 Kg N/ha in four equal splits for securing more net return per rupee invested in nitrogen application (ICBR of 1:8.62). Addition of phosphorus is not found advantageous Farmers of South Gujarat Zone-II in agro-ecological situation-I, growing cotton, G,Cot.Hyb-10 are advised to carry out four hand weeding (i.e., 25, 50, 75 & 100 days after sowing) with 2 interculture to get maximum seed cotton yield and economic return (1: 6.14) and in shortage of 	Talod, 2001 Achhalia, 2001
43	 securing higher seed cotton yield as well as higher net profit. Nitrogen should be applied in two splits (50% as basal dose, 50% after one and half month). Farmers of North Gujarat Zone-IV growing irrigated cotton G.Cot.Hy-10 in sandy loam soil are advised to apply 160 Kg N/ha in four equal splits for securing more net return per rupee invested in nitrogen application (ICBR of 1:8.62). Addition of phosphorus is not found advantageous Farmers of South Gujarat Zone-II in agro-ecological situation-I, growing cotton, G,Cot.Hyb-10 are advised to carry out four hand weeding (i.e., 25, 50, 75 & 100 days after sowing) with 2 interculture to get maximum seed cotton yield and economic return (1: 6.14) and in shortage of labourers fluchlorine application at the rate of 0.625 kg a i /ha as pre-sowing. Land application 	Talod, 2001 Achhalia, 2001
43	 securing higher seed cotton yield as well as higher net profit. Nitrogen should be applied in two splits (50% as basal dose, 50% after one and half month). Farmers of North Gujarat Zone-IV growing irrigated cotton G.Cot.Hy-10 in sandy loam soil are advised to apply 160 Kg N/ha in four equal splits for securing more net return per rupee invested in nitrogen application (ICBR of 1:8.62). Addition of phosphorus is not found advantageous Farmers of South Gujarat Zone-II in agro-ecological situation-I, growing cotton, G,Cot.Hyb-10 are advised to carry out four hand weeding (i.e., 25, 50, 75 & 100 days after sowing) with 2 interculture to get maximum seed cotton yield and economic return (1: 6.14) and in shortage of labourers, fluchlorine application at the rate of 0.625 kg a.i./ha as pre-sowing. Land application with 2 hand-weeding at 50 and 75 DAS and 2 interculture. 	Talod, 2001 Achhalia, 2001
43 44 45	 securing higher seed cotton yield as well as higher net profit. Nitrogen should be applied in two splits (50% as basal dose, 50% after one and half month). Farmers of North Gujarat Zone-IV growing irrigated cotton G.Cot.Hy-10 in sandy loam soil are advised to apply 160 Kg N/ha in four equal splits for securing more net return per rupee invested in nitrogen application (ICBR of 1:8.62). Addition of phosphorus is not found advantageous Farmers of South Gujarat Zone-II in agro-ecological situation-I, growing cotton, G,Cot.Hyb-10 are advised to carry out four hand weeding (i.e., 25, 50, 75 & 100 days after sowing) with 2 interculture to get maximum seed cotton yield and economic return (1: 6.14) and in shortage of labourers, fluchlorine application at the rate of 0.625 kg a.i./ha as pre-sowing. Land application with 2 hand-weeding at 50 and 75 DAS and 2 interculture. 	Talod, 2001 Achhalia, 2001 Bharuch.
43 44 45	 securing higher seed cotton yield as well as higher net profit. Nitrogen should be applied in two splits (50% as basal dose, 50% after one and half month). Farmers of North Gujarat Zone-IV growing irrigated cotton G.Cot.Hy-10 in sandy loam soil are advised to apply 160 Kg N/ha in four equal splits for securing more net return per rupee invested in nitrogen application (ICBR of 1:8.62). Addition of phosphorus is not found advantageous Farmers of South Gujarat Zone-II in agro-ecological situation-I, growing cotton, G,Cot.Hyb-10 are advised to carry out four hand weeding (i.e., 25, 50, 75 & 100 days after sowing) with 2 interculture to get maximum seed cotton yield and economic return (1: 6.14) and in shortage of labourers, fluchlorine application at the rate of 0.625 kg a.i./ha as pre-sowing. Land application with 2 hand-weeding at 50 and 75 DAS and 2 interculture. Farmers of South Gujarat Zone-II growing organic cotton under rainfed condition are advised to sow cotton hybrid G. Cot. Hy- 8 with application of only castor cake @ 2 tonns/ha. Variety 	Talod, 2001 Achhalia, 2001 Bharuch, 2001
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	system should be laid out with 2.4 mt and 0.45 mt lateral and dripper spacing, respectively. For	
	saving system cost lateral should be placed in the paired row of cotton and operated at 1.2	
	Kg/cm ² with 4 LPH dripper discharge. The system should be operated for 40 minutes during	
	September and October, 35 minutes during November and December while 45 minutes in	
	January at an alternate day.	
50	Farmers of South Gujarat Zone-II growing cotton under rainfed condition are advised to sow	Bharuch,
	variety G.Cot.23 at 120 x 45 cm spacing with application of 80 kg N/ha (in three equal splits at	2004
	25-30 days after germination and subsequently twice at one month interval) for getting higher	
	yield and return. Application of phosphorus was not advantageous.	
51	Farmer of South Gujarat zone-II growing G.Cot.Hy-12 under rainfed condition are advised to	Bharuch,
	sow at 120 x 60 cm with application of 80 Kg N/ha and 40 Kg P ₂ O ₅ /ha.	2008
52	The farmers of South Gujarat zone-II growing cotton-G.Cot.Hy-10 under irrigated conditions	Surat,
	are advised tospray 3 % KNO ₃ at squaring, flowering and boll development stages for getting	2010
	higher seed cotton yield and net profit.	
53	The farmers of South Gujarat zone-II growingBt cotton (RCH 2) under irrigated conditions are	Surat,
	advised to sow cotton at 120 x 45 cm spacing and fertilize @ 240 kg N/ha in four equal splits	2010
	<i>i.e.</i> 25% after 25 DAS and remaining three splits at 25 days interval to obtain higer yield and	
	net profit. In soil with marginal available P status, farmers can apply $P_2O_5 @ 40 \text{ kg/ha}$ as basal.	~
54	The farmers of South Gujarat zone-II growing irrigated Bt Cotton are advised	Surat,
	toapplyPendimenthalin @ 1.00 kg a.i./ha. as pre-emergence followed by two hand weeding at	2011
	30 & 60 days after sowing to obtain higher seed cotton yield and net profit	~
55	The farmers of South Gujarat zone-II growing Bt Cotton (RCH BG-I) are advised toapply	Surat,
	recommended dose of Nitrogen (240 kg/ha) in five equal splits at 30, 60, 75, 90 and 105 days to	2011
	obtain higher seed cotton yield and net returns.	a
56	The farmers of South Gujarat zone-II growing irrigated Bt Cotton are advised to adopt deep	Surat,
	ploughing (22.5 cm depth) in summer and apply two irrigations i.e. first (80mm) at 25 days	2012
	after cessation of monsoon and second (60mm) at 50 days after first irrigation for obtaining	
	higher seed cotton yield and net profit.	G
57	The farmers of South Gujarat Agro-climatic Zone-II growing Bt cotton under irrigated	Surat,
	conditions are advised to adopt drip irrigation in paired row planting (60 x 45 x 180 cm) and achadula irrigation at 0.8 DEF. Further, they are advised to apply 180 by N/by (75%, DDN) in (2012
	schedule infigation at 0.8 PEF. Further, they are advised to apply 180 kg N/ha (/5% RDN) in 6	
	equal spins at 15 days interval starting from 15 DAS through drip system to obtain higher seed	
	System details: Main line: 75 mm. Sub main line: 63 mm. Lateral (inline): 16 mm. Lateral	
	system details. Main me. 75 mm, Sub main me. 05 mm, Lateral (mme). 10 mm, Lateral (mme). 12 kg/cm ²	
	Spacing. 240 cm, Dripper. 4 ipit, Dripper spacing. 45 cm, Operating pressure. 1.2 kg/cm,	
58	The farmers of South Guiarat Agroclimatic zone II growing rainfed Cotton (CN Cot 25) are	Bharuch
58	advised to follow spacing of 120 x 45 cm with application of 80 kg N/ha for getting higher seed	2012
	cotton yield and net profit. The nitrogen should be applied in two splits i.e. 50 % as basal and	2012
	50 % at land nths after sowing	
59	Farmers of South Guiarat Agro-climatic zone-II (AFS 2) growing Bt cotton (RCH 2 BG-II) are	Surat
57	advised to apply recommended dose of fertilizer based on soil test value + FYM 10 t/ba \pm one	2013
	spray of 2% urea at flowering stage and one spray of 1% urea $+$ 1% MgSO4 during boll	2013
	development stage to control leaf reddening and for obtaining higher seed cotton vield and net	
	profit.	
60	Farmers of South Gujarat Zone II are recommended to grow summer green gram with	MCRS.
_	recommended package of practices as preceding crop of <i>Bt</i> cotton hybrid. They should apply	Surat
	2% banana pseudostem enriched sap (20 ml/ liter) as foliar spray at flowering stage with	2017-18
	recommended dose of fertilizers (240 kg N + 40 kg P_2O_5 per ha) to achieve higher seed cotton	
	equivalent yield and net realization. For cotton, 40 kg P_2O_5 as basal and 240 kg N applied in 5	
	equal splits at 30,60, 75, 90 and 105 days after sowing as top dressing.	
61	Farmers of South Gujarat Agro-climatic zone-II growing rainfed hirsutum cotton GN Cot. 26 (GBHV-	RCRS,
	170) are recommended to follow spacing of 120 cm x 45 cm with application of 150 kg N/ha for getting	Bharuch
	higher seed cotton yield and net realization. Nitrogen should be applied in two equal splits <i>i.e.</i> , 50 % as	2017-18
	basal and 50 % at 30-40 days after sowing.	
62	The farmers of South Gujarat Agro-Climatic Zone growing rainfed <i>hirsutum</i> cotton (GN Cot. 26) are	
	recommended to follow spacing of 120 cm x 45 cm with application of 150 kg N/ha for getting higher	
	% at 30-40 days after sowing	



63	Hirsutum cotton (variety: G. Cot. 16) growing farmers of South Gujarat Agro Climatic Zone II	Surat
	are recommended to adopt High Density Planting System by sowing the crop at 45 cm x 20 cm	
	or 60 cm x 20 cm spacing for obtaining higher seed cotton yield (kg/ha) and Net Profit (Rs./ha).	
	Mepiquat chloride spray was not found effective in increasing seed cotton yield.	
64	The <i>Bt</i> cotton hybrid growing farmers of South Gujarat Agro-Climatic Zone –II can effectively	Surat
	adopt site specific soil test value based fertilizer recommendation (N. P and K) alone or in	
	combination with either 5 or 10 tonnes FYM /ha for achieving desired targeted vields of seed	
	cotton The soil test based fertilizer recommendation (kg/ha) for achieving different yield	
	targets (kg/ha) for cotton cron is given here	
65	Farmers of South Guiarat heavy rainfall zone II growing <i>Bt</i> Cotton hybrid are recommended to	Surat
05	annly sulphur @ 60 kg per bectare through 250 kg phospho-gypsum/haalong with	Sulut
	apply supply supply supply P_{1} apply supply supply P_{2} apply P	
	dose and bio compose @ 5 topes/ ba at the time of land preparation and 240 kg nitrogen/ba in	
	five agual splits (agab of 48 kg N/ba) at 20, 60, 75, 00 and 105 days after sowing for achieving	
	higher and action wield and not income	
66	Forman and the formation of the second	Curret
66	Farmers growing Arborium cotton (Desi) under rainfed condition are recommended to sow the	Surat
	crop at 60 x 15 cm spacing in South Gujarat heavy rainfall zone and 60 x 30 cm spacing in	
	South Gujarat zone and apply 150 kg Nitrogen/ha in two equal splits (75 kg N/ha each) at 30	
	and 60 days after sowing for achieving higher seed cotton yield and net income.	~
67	Effect of nitrogen levels and growth retardants on cotton under HDPS	Surat
	Farmers of South Gujarat growing <i>Bt</i> cotton hybrid with high density planting system under	
	irrigated condition are recommended to sow <i>Bt</i> cotton hybrid GTHH-49 (BG-II) with 60 x 45	
	cm spacing, apply 300 kg nitrogen/ha in five equal splits (each of 60 kg N/ha) at 30, 60, 75, 90	
	and 105 days after sowing and spray Mepiquat Chloride 5 % AS @ 37.5 g ai/ha (1.5 ml/ lit of	
	water) at 60 and 75 days after sowing for achieving higher seed cotton yield as well as net	
	monetary returns.	
68	Feasibility of different intercrops in Bt Cotton hybrid (G.Cot.Hy. 8 BG II)	Surat
	Farmers of South Gujarat growing <i>Bt</i> cotton hybrids under irrigated condition are recommended	
	to adopt pair row planting system with 180 cm - 60 cm x 45 cm spacing and grow three rows of	
	vegetable Indian bean as intercrop at 45 x 15 cm spacing between two pairs of <i>Bt</i> cotton hybrid	
	for achieving higher seed cotton equivalent yield and net monetary return.	
69	Effect of land configuration and plant growth regulator on water logging management in	Surat
	cotton	
	Technology Identified / Recommendation for Farmers:	
	Land configuration with ridges and furrow and application of extra 20 kg/ha of	
	nitrogen and potassium after drainage of water logging field out performed the remaining	
	treatments (1974 kg/ha).	
	For scientific community	
66	In South Gujarat (Zone-II), cotton G.Cot.Hy-8 did not response to application of PSM	Surat
	(Phosphate Solubilizing Microorganism)fertilizers.	
67	In South Guiarat Zone (AES-II) for cotton (G.Cot Hv-8) fodder sorghum (GES-4) relay	Surat
	cropping sequence recommended dose of nitrogen should be applied to both the crops	~
	Application of phosphorus is not found advantageous for this sequence	
68	An application of phosphorus and potash to G Cot Hy-10 was not beneficial under rainfed	Surat
	condition	Sului
1		

BASIC SCIENCE – PHYSIOLOGY, BIOCHEMISTRY, BIOTECHNOLOGY AND MICROBIOLOGY

Sr.	Item	
No.		Year
1	Seed germination (one month after processing) is not affected by picking or position of boll.	Surat,
	Other seed quality parameters are not adversely affected by either picking of position of boll.	1992
	Therefore, it is recommended to the seed producers of American cotton (e.g. G.Cot.10) that all	
	pickings and positions are alike with respect to fulfilling certification standards of germination	
	(65%).	





2	It is recommended to the cotton growing farmers especially seed producers of desi cotton that	Surat,
	seed germination is not affected by either picking or position of boll. Therefore, all picking are	1992
	alike and can be used for seed purpose.	
3	Under specific conditions, defoliants like Ethrel 2000 ppm or NaCl 10% solution can be used	Surat,
	at 50% boll bursting stage for hastening maturity of crop by about a week. This would also	1993
	help in getting cleaner kapas.	
4	Seed producers of desi cotton hybrid G.Cot.DH-9 are advised to give two sprays of 1 mM	Surat,
	Sodium benzoate (1.44 g/10 L. @ 400 L/ha) on female parent at the initiation of crossing	1991
	programme and twenty days later to get higher seed yield (F1) and economic gain (Rs.	
	$\frac{11,065/ha}{1000}$	
5	Farmers of South Gujarat growing hybrid cottons (G.Cot.Hy-6 and G.Cot.DH-9) are advised to spray the crop with 30 % or 20 % Methanol at 65 and 85 days of the germination (@ 300 I /ha and 400 I /ha	
	to realize higher yield and better economic returns (Net profit being Rs. 3802 and Rs. 2412 and ICBR	
	being 1:1.51 and 1:1.44, respectively for the two treatments)- Recommendation put in abeyance due to	
	ban on Methanol.	
6	The farmers of south Gujarat growing Bt cotton are advised to spray 45 ppm Ethylene (1.25	Surat, 2011
	ml/10 lit of 39% commercial product) at square initiation stage (35-40 DAS) to obtain high	
	yield and net return of cotton.	
7	Farmers of South Gujarat growing Bt or conventional cotton hybrids under irrigated	Surat, 2012
	conditions are advised to go for detopping at 95 days after sowing followed by nipping of	
	sympodial meristem at 105 DAS to obtain high yield and net returns.	0017 10
8	It is informed to scientific community that the molecules namely butanedioic acid, 2, 6, 10, $14, 18$ mentamethol $2, 6, 10, 14, 18$	2017-18
	14, 18 – pentametnyl – 2, 6, 10, 14, 18 –eicosapentaeneandd-ribose increase whereas,	
	octacosane and gluconic acid decrease which may be responsible for jassid resistance in actton Eurther genetypes with higher phenol, free gessured, tricheme density and length with	
	more leaf thickness whereas lower reducing sugar and tannin contents should be used for	
	selecting jassid resistant genotypes	
9	Farmers of South Guiarat growing Bt cotton (G.Cot.Hy-10 BG-II) under rainfed conditions	Surat.
-	are recommended to apply four foliar sprays of 2% KNO3 (13:00:45) (20g/l) at weekly	2023
	intervals after 30 days of rain cessation for higher seed cotton yield and higher net return	
10	Farmers of South Gujarat growing compact variety of cotton (GISV-272 and GSHV-180)	Surat,
	under high density planting system (HDPS) at 60 x 15 cm spacing are recommended to apply	2023
	280 kg nitrogen/hectare in five equal splits at 30, 60, 75, 90, and 105 days after sowing to	
	achieve higher seed cotton yield and higher net return. In addition, it is advised to apply 5%	
	mepiquat chloride at a rate of 20g a.i/hectare (8.5ml/10L) at 60 and 75 days after sowing to	
	control vegetative growth of cotton plants under high density planting system.	
	To an and the second	
0	For scientific community/institution	Current
0	any effect on root/shoot development	Surat, 1991
9	Acid deliniting of cotton seed does not improve or advance the germination. Hence it is	Surat
	advised that the practice of acid delinting parent/breeder seed may be discontinued.	1990
10	Chemical defoliant thiadizuron @ 50 gm/ha at 50 percent boll bursting stage gave maximum	Surat,
	yield of cotton without impairing the quality	1991
11	Bollworm incidence in cotton increased with the thickness of rind.	Surat,
		1991
12	It is informed to scientific community that the molecules namely Butanedioic acid, 2, 6, 10,	2017-18
	14, 18-Pentamethyl-2, 6, 10, 14, 18-eicosapentaene and d-ribose increase various Octacosane	
	and gluconic acid decrease which may be responsible for jassid resistance in cotton.	
	Further, genotypes with higher phenol, free gossypol, trichome density and length with	
	nore rear unckness whereas rower reducing sugar and tanning contents should be used for selecting issid resistance genotypes	
13	It is informed to scientific community that the WS08- $\int (G \in X G \text{ and}) X G \text{ torm} = X G C \text{ ot}$	Surat
13	100 WS07- ALB X G anomalum WS05-(G 67 X MOCO)F1 X G Cot-11 WS25- Large	2020
	MangoLeaves and WS06- ALB X G anomalum showed most lowered sucking pest infestation	2020
	and square damage among the wild entry and cross derivatives selected for analysis Among	
	thesefive genotype, {(G.6 X G.ano) X G.tom} X G.Cot-100 showed higher total phenol.	
	tannin and surface wax content at sucking pest infestation. {(G.6 X G.ano) X G.tom} X G.Cot-	





	100 alsoshowed higher trichome density and hairiness character. While Large Mango Leaves and ALB XG.anomalum showed higher gossypol content at boll worm infestation and hence recommend forfurther breeding programs.			
14	It is informed to scientific community that Cotton genotypes GISV-218 and G. Cot-16 aresalinity tolerance up to EC 1:25 (13.14 ds/m) while G Cot-10 and G. Cot-100 are			Surat, 2020
	Salinitysusceptible based be on biochemical analysis.	, 		
15	The following transgressive RILs were identified	as car	ndidate jassid resistant lines that	Surat,
	possesses desirable biochemical traits, low jassid c	ount v	with less jassid injury grade; and	2022
	higher seed cotton yield than the jassid resistant pare	nt GIS	V-218. Thus, these potential RILs	
	can used for the further development of cotton varietie	es with	high yield and jassid resistance.	
	RIL No.		Character	
	RIL-94, RIL-31, RIL-96, RIL-108		Gossypol	
	RIL-88, RIL-28, RIL-96, RIL-108, RIL-107, RIL113	3	Phenol	
	RIL-94, RIL-25, RIL-95, RIL-69		Reducing sugar	
	RIL-94, RIL-31, RIL-6, RIL-24, RIL-25, RIL-69		Jassid count	
	RIL-94, RIL-88, RIL-31, RIL-28, RIL-24		Jassid injury grade	
16	It is recommended to scientific community to use	the me	entioned cotton genotypes for the	Surat,
	breeding program to improve respective characters.			2022
	Genotypes		Characters	
	G.Cot-100, GISV-218 and G.Cot-10		Protein	
	G.Cot-10, GSHV-01/1338 and G.Cot-100		Gossypol	
	G.Cot-16, GISV-218 and Suraj		Oil	
	LRA-5166, GISV-218 and G.Cot-16		Iodine Value	
	American Nectariles, Surat Dwarf and G.Cot-10		Saponification value	
	G.Cot-100, G.Cot-10 and G – 67		Unsaturatated Fatty acid	
	LRA-5166, GISV-218 and G.Cot-16		Poly Unsaturated fatty acid	
	G.Cot-100, BC-68-2 and G-67		Mono unsaturated fatty acid	
17	Bacterial isolates identified as Pseudomonas putida	ı NAL	J-PP-2 and Bacillus licheniformis	Surat,
	NAU-PP-9 at 1 x 10° CFU/ml were recorded	with	Carboxymethyl cellulase activity	2023
	(µmol/min/ml) of 1.196 and 1.511, Filter paper cellula	ase act	ivity (μ mol/min/ml) of 0.1897 and	
	0.1888, cotton stalk weight loss (%) of 20.80 and 16.9	$\frac{1}{1}$ and	moisture content (%) of 62.34 and	
	65.35, respectively during cotton stalk degradation stu	idy.		

ENTOMOLOGY

S n	Decommondations	Contro	
Sr. No	Kecommanuations		
140.			
1.	i) All the synthetic pyrethroids were found effective from control of bollworms and hence they are	Surat,	
	recommended at the following concentration.	1981-82	
	1) Cypermethrin @ 90 ppm i.e. 0.009 % concentration		
	2) Fenvalerate @ 150 ppm i.e. 0.015 % concentration		
	3) Decamethrin @ 12.5 ppm i.e. 0.00125 % concentration		
	4) Permethrin @ 150 ppm i.e. 0.015 % concentration		
	ii) Considering the side effects and economics limited use of the synthetic pyrethroids is		
	recommended. Synthetic pyrethroids should be sprayed twice at 15-20 days interval at the peak		
	flowering stage. If 2 nd flush of cotton is to be taken, the same should be sprayed twice at second		
	flush also. The remaining sprays should be carried out by using conventional insecticides.		
	iii) Foliar application of Nitrogen in the form of Urea 2% solution at each insecticidal spray is		
	recommended. This can be mixed with the insecticides.		
	iv) When synthetic pyrenthroid are used continuously, there is possibility of increasing the attack		
	of pests, viz. mites mealy bugs, aphids and alternaria disease. Then synthetic pyrethroids are used		
	twice at peak flowering period as a part of spraying with other conventional insecticides		
	programme if these pests/disease become severe, suitable insecticide/fungicide should be sprayed		
	at proper time.		
2.	For Hybrid-4 cotton, the control of bollworm when the population reaches the threshold of 10 LU	Surat,	
	per 20 plants is found profitable and hence the threshold of 10 LU per 20 plants for spotted	1983-84	
	bollworms is recommended for South Gujarat Area.		
2.	programme if these pests/disease become severe, suitable insecticide/fungicide should be sprayed at proper time. For Hybrid-4 cotton, the control of bollworm when the population reaches the threshold of 10 LU per 20 plants is found profitable and hence the threshold of 10 LU per 20 plants for spotted bollworms is recommended for South Gujarat Area.	Surat 1983-8	



coref

3.	The synthetic pyrethroids o	f different groups are re	commended for the	control of bollworms of	Surat,
	cotton at the following rates.				
	1) Cypermethrin EC @ 50 grams ai/ha				
	2) Decamethrin EC @ 15 grams at/ha 2) Decamethrin @ 12.5 mm i.e. 0.00125 % consentration				
	3) Decamethrin @ 12.5 ppm i.e. 0.00125 % concentration 4) Permethrin @ 150 mm i.e. 0.015 % concentration				
4	At present 10 LU per 20 pl	ants (spaced at 120 x 60	cm) is observed to b	e an economic threshold	Surat
	for spotted bollworms. In or	rder to avoid the cumbers	some method for wor	king out the larval units	1983-84
	where proper and competer	nt technical help is not a	vailable such as whe	en the threshold is to be	1905 01
	worked out by more or less	s illiterate cultivator 20 l	larvae per 20 plants	i.e. one larvae per plant	
	irrespective of size of the la bollworms for hybrid cotton	rvae can be recommende in South Gujarat area.	ed as an economic the	reshold value for spotted	
5	In addition to previous r	ecommendations i.e. 10	LU/20 plants, 10	LU/10 Sq.mt. area is	Surat,
	recommended for the contro	l of spotted bollworms or	n hybrid cotton.		1984-85
6.	From the results of the trial bollworms if	s conducted for three yea	ars, it is recommende	ed that for the control of	Surat, 1986-87
	(i) Sufficient finances are a	voilable in order to get b	icher vield and highe	r not profit the synthetic	
	(1) Sufficient finances are a pyrethroids should be r	used only twice at neak	flowering period for	each flush at following	
	concentrations. The othe	er sprays should be carried	d out with conventior	al insecticides.	
		1 5			
	Name of Synthetic	Concentration %	Cost of	Profit	
	Pyarethroid		Treatment	(Rs/ha)	
	1. Fenvalerate	0.015	2105	5105	
	2. Decamethrin	0.00015	2375	4711	
	3. Cypermethrin	0.009	2366	6434	
		.1	• , , ,•	. 1 1 1 6	
	(11) In the situation where higher LC P P it is recom	there is a need for less	investment on pestic	used only twice at peak	
	flowering period for each fl	ush at the following conc	entrations The other	sprays should be carried	
	out with conventional insect	icides.	entrations. The other	sprays should be carried	
	Name of Syn. Concentration	ion Cost of TreatmentPro	oft I.C.B.R. Pyrethro	ids % Rs/ha	
	Rs/ha		·		
	01. Fenvalerate 0.005	883	4182 1:4	4.74	
	02. Decamethrin 0.00075	1029	3591 1:	3.	
	03. Cypermethrin 0.003	973	5546 1:5	.70	~
7.	For the effective control o	f bollworm in hybrid co	otton the release of	egg larval parasite viz.	Surat,
	Chelonusblackburni at 10 to	12 thousnad per bectare	to be released at 4 to	5 instalments per cotton	1988-89
8	Based on aconomics, triazor	$\frac{110}{100} = \frac{100}{100} = $	BR 1.5 88) is recomm	nended for the control of	Surat
0.	whitefly in cotton under Sou	th Gujarat conditions.	BK 1.3.88) is recomm	nended for the control of	1992-93
9.	Alphamethrin @ 25g ai/ha	(ICBR 1:4.43) is recon	nmended for the cor	ntrol of bollworm under	Surat,
	South Gujarat conditions. (Considering the side effe	ect of synthetic pyre	throids only two sprays	1993-94
10	alternated with conventional	insecticides are recomme	ended at peak flower	ng stage of cotton.	<u> </u>
10.	For effective and economic	ical pest management i	n hybrid cotton, fo	llowing Integrated Pest	Surat,
	Management programme is	recommended for South (Jujarat condition.		1994-95
	a) Release of Trichogramma	a between 45-110 days (@ 2.5 lakhs/ha at we	ekly intervals depending	
	upon the bollworm incide	ence.			
	b) Release of Chrysopa @ 1	0,000/ha thrice in a sease	on.		
	c) Release of Chelonus @ 1	0,000/ha thrice in a seaso	on.		
	d) Application of HNPV 450) LE/ha for Heliothis and	SNPV @ 250 LE/ha	for spodoptera	
	e) Application of neem pro	duct viz., Margocide 'O	K' 3.0 l/ha for sucki	ng pests and Margocide	
	'CK' 3.0 l/ha and Achool	k 1.5 Kg/ha for bollworm	S		
	f) Application of Endosulfa	n @ 875 g ai/ha			
	g) Application of Fenvalera	te @ 75 g ai/ha			
	h) Application of Chlorpyri	phos @ 750 g ai/ha			



	i) Collection & destruction of flared squares & grown up caterpillars					
	Note : (1) From treatment d to h application of insecticides should be used when ETL crossed					
	(2) Treatment should be given alternatively.					
11.	Considering the economics of different treatments the following recommendation is suggested for	Surat,				
	the IPM programme of cotton pests (ICBR 1:2.34).	1996-97				
	i) Blanket application of Methyl-O-demeton @ 0.03% during early season i.e. upto 40 days after					
	germination.					
	i. Three releases of Chrysopa larvae @ 10,000/ha synchronizing from first release with the appearance of the pests					
	ii. Five to six releases of Trichogramma @ 2.5 lakh/ha between 45-100 days synchronizing with					
	the appearance of the pests and depending upon the pest pressure.					
	ii) Application of HNPV @ 450 LE/ha for <u>Heliothis</u> and SNPV @ 250 LE/ha for Spodeptera					
	iii) Application of Neem based pesticides @ 2-3 l/ha					
	iv) Need based application of Monocrotophos 0.04% or Endosulfan0.07 % or Quinalphos0.05% or					
	Profenphos 0.05% or Chlorpyriphos 0.05% alternatively at ETL					
	v) Collection and destruction of flared squares, buds, green bolls, egg masses and grown up larvae					
	to manage the bollworms of cotton effectively and economically.					
12	For the effective and economic control of bollworms in Hybrids-6 cotton application of any of any	Surat,				
	of the following insecticides are recommended as and when the insect pest crosses the ETL under	1997-98				
	South Gujarat conditions.					
	1) Endosultan 35EC @ $8/5$ g ai/ha (ICBR 1:4.90)					
	11) Protenphos SOEC ($@$ 1.0 Kg ai/ha (ICBR 1:2.82)					
10	111)Quinalphos 20AF @ 2.5 I/ha (ICBR 1:2.71)	~				
13	On the basis of efficacy of insecticides, yield and economics it is recommended that for effective	Surat,				
	control of bollworms any of the following insecticides is to be applied as and when pest crosses the	1997-98				
	ETL under South Gujarat conditions.					
	1) Cypermethrin 10 EC $@$ 0.5 I/ha (ICBR 1:4.10)					
	11) Polytrin C 44 EC @ 1.0 I/ha (ICBR 1:2.93)					
14.	Based on the efficacy and economics the following IPM strategy is recommended for the pest	Hansot,				
	complex of cotton (Hybrid-6) under South Gujarat condition (ICBR 1:3.84)	1998-99				
	i. One to two blanket application(s) of methyl o demethon 0.03% during early season i.e. upto					
	40 days of germination as and when necessary					
	with the appearance of the pests and subsequent releases depending upon the pest pressure on					
	ETL values					
	iii. Three to five releases of Trichogrammachelonis @ 2.5 lakh/ha between 45-100 days					
	synchronizing the first release with the appearance of the pest. The subsequent releases					
	should based on bollworm population pressure.					
	1v. Need based application of NPV @ 450 LU/ha for H.armigera and @ 250 LU/ha for					
	<u>Spouepteraintura</u> v Application of NSKS 5% as and when the past crosses ETI					
	v. Application of TVSKS 5% as and when the pest closses LTL vi. Need base applications of Monocrotophos 0.4% or Endosulphan 0.07% or Ouinalphos 0.05%					
	or Fenvalevate 0.0012% alternately.					
15	Considering the efficacy and economics following IPM practices for bollworm is recommended	Bharuch,				
	for farmers of South Gujarat growing G.Cot.Hy-8 cotton under rainfed conditions.	1999-				
	a. Blalnket application of Methyl-o-dematon 25 EC @ 0.03% during initial crop growth stage i.e.	2000				
	upto 40 DAG.					
	b. Two release of Chrysopa (2.3 days old larvae) @ 10,000/ha at weekly interval synchronizing					
	the first release with the appearance of pests. Thus, release of Tricks comparison (2.5 labels) to (5.4 labels)					
	c. Inree release of Iricnogrammachilonis @ 2.5 lakh/ha between 45 to 110 days synchronizing the first release with the appearance of pasts and depending upon the past pressure.					
	d Application of HNPV @ 450 LU per ha for Heliothis and SNPV @ 250 LU per ha for					
	Spodoptera, when maximum population of heliothis and spodoptera Observed. respectively.					
	e. Application of Neem based pesticides @ 2.5 lit. per ha.					
	f. Need based application of Endosulfan 35 EC @ 2.5 lit/ha or Quinalphos 20EC @ 2.5 lit/ha or					



	Fenvalerate 20 EC @ 500ml/ha alternatively at ETL.	
	g. Collection and destruction of flaired squares, buds, greenbolls, egg masses and infected shoots with long grouppup larges of Haliothis (ICPR 1:2.65)	
16	With long grownup harvae of Henounis (ICBK 1.2.03).	Dhomach
10	spray recommended insecticides by considering the economic threshold level (ETL) of 5% damage	1999_
	to fruiting dabries by bollworms (ICBR : 1:3 38)	2000
17	Based on results of different modules tested for three years for the control of pests of cotton under	Surat
1,	South Guiarat Agro-climatic conditions (Zone-II) the following IPM module is recommended	2000-01
	a) Seed treatment with Imidachlorpid @ 10 $\sigma/K\sigma$ seeds for the control of sucking pests	2000 01
	b) Two releases of Chrysoperla @ 10.000 eggs seeds for the control of sucking pests as well as	
	H.armigera.	
	c) Spraying of Neem formulation (Nimark) for the control of sucking pests as well as bollworms on ETL base	
	 d) Spraying of Endosulfan 0.07% or quinalphos 0.05% or chlorpyriphos 0.05% for the control of 	
	bollworms as and when required $(2, 1, 5)$ labeling such that the encourse of $(2, 1, 5)$ labeling such that the encou	
	e) Five releases of inchogramma @ 1.5 fakn/na synchronizing with the appearance of	
	bollworlds and their population pressure f) Spraving of Cynarmethrin @ $0.5 1/ha$ or Polytrin C @ $1.0 1/ha$ or fanyalarata $0.5 1/ha$ for	
	bollworm control on need base	
	g) One spraying of HNPV @ 450 LE/ha and SNPV @ 250 LE/ha for the control of	
	Heliocoverpaand Spdeptera, respectively as and when required.	
	h) Collection and destruction of eggs and larvae of Spodeptera and Heliothis	
	i) Installation of pheromone traps @ 5/ha each for Heiothis and Spodoptera (ICBR, 1:2.22)	
18.	Seed treatment with any of the following insecticides is recommended for the control of sucking	Surat,
	pests viz; aphid (A.gossypii), jassid (A.bijuttullabijuttla) and thrip (Thrips tabaci) intensity hybrid	2001-02
	cotton (G.Cot.Hy.10) grown under South Gujarat Agroclimatic zone	
	a) Thiamethoxam 70WS @ 2.8 g/Kg seed	
	b) Imidachloprid 70FS @ 7.5 g/Kg seed	
	c) Imidachloprid 600FS @ 9 ml/kg seed	
19.	Application of spinosad-48 SC (a molecule derived from a new species of Actinomycetes,	Surat,
	Saccharoplolyspora Spinosa Characterized as bacteria) @ 75 g a.i./ ha (ICBR 1:8.5) or	2001-02
	Betacyfluthrin 2.5 EC @ 18 g a.1./ na (ICBR 1: 8.82) or Novaluron 10 EC (Insect Growth	
	Regulator) @ 100 g a.i. / ha (ICBR 1:1./1) on E1L base (5% boll damage) is recommended for the	
20	For the effective and economical control of Bink Pollworm in C Cot Hy 10 cotton following	2004.05
20.	For the effective and economical control of Flick Bollworld in G.Cot Hy-10 cottol following insecticides are recommended	2004-03
	Decis tablet 25% 10 g a i /ba	
	20 tablets	
	Betacyfluthrin 2.5 EC 18 g a i /ha	
	Spinosad 48 SC 50 g.a.i./ha	
21.	Farmers of South Guiarat Agro climatic condition (Zone-II) growing G.Cot.Hv.10 are advised for	Surat.
	extended sprays against pink bollworm when trap catches crossed the threshold of 8 male moths/	2010
	trap for three consecutive nights which aids in reducing its incidence and damage.	
22.	For effective management of Mealybug Phenacoccussolenopsis (Tinsley), cotton growing farmers	Surat,
	of South Gujarat are advised to use Imidacloprid 70 WG @ 0.00375 % (0.53 g / 10 lit. water) or	2010
	Acetamiprid 20 SP @ 0.004% (2g/ 10 lit. water) or Acetamiprid 20 SP + Chlorpyriphos 20 EC @	
	Acetamiprid 20 SP @ 0.004% (2g/ 10 lit. water) or Acetamiprid 20 SP + Chlorpyriphos 20 EC @ 0.004% + 0.05% (2 g + 25 ml /10 lit. water) at 15 days interval starting from initiation of incidence	
	Acetamiprid 20 SP @ 0.004% (2g/ 10 lit. water) or Acetamiprid 20 SP + Chlorpyriphos 20 EC @ 0.004% + 0.05% (2 g + 25 ml /10 lit. water) at 15 days interval starting from initiation of incidence of pest for higher yield and better returns.	
23.	 Acetamiprid 20 SP @ 0.004% (2g/ 10 lit. water) or Acetamiprid 20 SP + Chlorpyriphos 20 EC @ 0.004% + 0.05% (2 g + 25 ml /10 lit. water) at 15 days interval starting from initiation of incidence of pest for higher yield and better returns. The farmers of Gujarat growing <i>Bt</i> cotton are recommended to apply any one of the following is a starting for the following	Surat,
23.	 Acetamiprid 20 SP @ 0.004% (2g/ 10 lit. water) or Acetamiprid 20 SP + Chlorpyriphos 20 EC @ 0.004% + 0.05% (2 g + 25 ml /10 lit. water) at 15 days interval starting from initiation of incidence of pest for higher yield and better returns. The farmers of Gujarat growing <i>Bt</i> cotton are recommended to apply any one of the following insecticides alternatively, first spray at 75 days after sowing and second at 15 days of first spray for affective property of whether the large of the following insecticides alternatively. 	Surat, 2016-17
23.	Acetamiprid 20 SP @ 0.004% (2g/ 10 lit. water) or Acetamiprid 20 SP + Chlorpyriphos 20 EC @ 0.004% + 0.05% (2 g + 25 ml /10 lit. water) at 15 days interval starting from initiation of incidence of pest for higher yield and better returns. The farmers of Gujarat growing <i>Bt</i> cotton are recommended to apply any one of the following insecticides alternatively, first spray at 75 days after sowing and second at 15 days of first spray for effective management of pink bollworm.	Surat, 2016-17
23.	 Acetamiprid 20 SP @ 0.004% (2g/ 10 lit. water) or Acetamiprid 20 SP + Chlorpyriphos 20 EC @ 0.004% + 0.05% (2 g + 25 ml /10 lit. water) at 15 days interval starting from initiation of incidence of pest for higher yield and better returns. The farmers of Gujarat growing <i>Bt</i> cotton are recommended to apply any one of the following insecticides alternatively, first spray at 75 days after sowing and second at 15 days of first spray for effective management of pink bollworm. 1. Indoxacarb 15.8 EC, 0.0079% (5 ml/ 10 litre of water) 2. Ememory of SC 0.0025 % (5 g/10 litre of water) 	Surat, 2016-17
23.	 Acetamiprid 20 SP @ 0.004% (2g/ 10 lit. water) or Acetamiprid 20 SP + Chlorpyriphos 20 EC @ 0.004% + 0.05% (2 g + 25 ml /10 lit. water) at 15 days interval starting from initiation of incidence of pest for higher yield and better returns. The farmers of Gujarat growing <i>Bt</i> cotton are recommended to apply any one of the following insecticides alternatively, first spray at 75 days after sowing and second at 15 days of first spray for effective management of pink bollworm. 1. Indoxacarb 15.8 EC, 0.0079% (5 ml/ 10 litre of water) 2. Emamectin benzoate 5 SG, 0.0025 % (5 g/10 litre of water) 3. Spinosad 45 SC = 0.014% (3 ml/10 litre of water) 	Surat, 2016-17
23.	 Acetamiprid 20 SP @ 0.004% (2g/ 10 lit. water) or Acetamiprid 20 SP + Chlorpyriphos 20 EC @ 0.004% + 0.05% (2 g + 25 ml /10 lit. water) at 15 days interval starting from initiation of incidence of pest for higher yield and better returns. The farmers of Gujarat growing <i>Bt</i> cotton are recommended to apply any one of the following insecticides alternatively, first spray at 75 days after sowing and second at 15 days of first spray for effective management of pink bollworm. 1. Indoxacarb 15.8 EC, 0.0079% (5 ml/ 10 litre of water) 2. Emamectin benzoate 5 SG, 0.0025 % (5 g/10 litre of water) 3. Spinosad 45 SC, 0.014% (3 ml/10 litre of water) 	Surat, 2016-17
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23.	 Acetamiprid 20 SP @ 0.004% (2g/ 10 lit. water) or Acetamiprid 20 SP + Chlorpyriphos 20 EC @ 0.004% + 0.05% (2 g + 25 ml /10 lit. water) at 15 days interval starting from initiation of incidence of pest for higher yield and better returns. The farmers of Gujarat growing <i>Bt</i> cotton are recommended to apply any one of the following insecticides alternatively, first spray at 75 days after sowing and second at 15 days of first spray for effective management of pink bollworm. 1. Indoxacarb 15.8 EC, 0.0079% (5 ml/ 10 litre of water) 2. Emamectin benzoate 5 SG, 0.0025 % (5 g/10 litre of water) 3. Spinosad 45 SC, 0.014% (3 ml/10 litre of water) Farmers of South Gujarat cultivating <i>Bt</i> cotton are recommended to adopt following effective and economic IPM module for management of pink bollworm as well as sucking pests (thrips, leafhopper, aphid and whitefly). 	Surat, 2016-17 Surat 2020-21



	IPM Module for cotton pests	
	1. Timely sowing of the crop (15 th June to 15 th July of the year)	
	2. Installation of yellow sticky trap @ 20 traps/ha at 30 DAS	
	3. Stem application of flonicamid 50 WG @ 60 g/ha each at 30, 45 and 60 DAS	
	4. Installation of Phero-sensor TM-SP trap @ 5 traps/ha at 45 DAS and change the Pectino-lure	
	thrice at 40 days interval having viability of 30-40 days	
	5. Spraying of Azadirachtin 1500 PPM @ 2.5 lit/ha at 60 DAS (50 ml/10 lit. of water at spray	
	volume of 500 lit/ha) (7) Three investories of any manifold T is L_{1} (L_{2} (R_{1}) is L_{2} (L_{2}) (R_{1}) (R	
	6. Infee inundative release of egg parasitoid, <i>Trichogrammatoidaebactrae</i> @ 1.5 lakn/na at	
	7 ETL (100/ fruiting body damage) based application of recommended insecticides (Indexecent	
	7. ETL (10% fruiting body damage) based application of recommended insecticides (indoxacato 14.5 SC = 5 m/(10 fit) or Ememory barzonto 5 SC = 5 g/(10 fit) or Spinosed 45 SC = 3	
	14.5 SC \ll 5 mi/ 10 m. of Emaineetin benzoate 5 SC \ll 5 g/10 m. of Spinosau 45 SC \ll 5 ml/10 lit.)	
	8 Timely termination of crop (By January 15 th of the year)	
25	Cotton farmers of Guiarat cultivating <i>Bt</i> cotton are recommended to apply thiodicarb 75 WP @	Surat
25	0.15% (20 g/10 lit, of water) at 60 days after sowing, chlorpyriphos 20 EC @ 0.05% (25 ml/10 lit.	2020-21
	of water) at 90 days after sowing and lambda-cyhalothrin 5 EC @ 0.005% (10 ml/10 lit. of water)	
	at 120 days after sowing to avoid the yield loss of 48.86% from pink bollworm in cotton.	
26	Evaluation of different insecticides against sucking pests in <i>Bt</i> cotton	Surat
	Farmers of Gujarat cultivating <i>Bt</i> cotton are recommended to spray flonicamid 50 WG at 0.015% (3	2023-24
	g/10 litre water) at initiation of any sucking pests (Aphid, leafhopper, thrips and mealybug) and	
	subsequent two sprays at 15 days interval from first spray for effective and economical	
	management.	
27	Evaluation of different modules against pink bollworm in Bt cotton	Surat
	Farmers of South Gujarat cultivating Bt cotton are recommended to apply a small pea seed sized	2024-25
	dollops of Gossyplure 4% RTU paste tree times at 5 m plant to plant distance in alternate rows	
	(approximately 800 plants/ ha, $200 - 250$ g/ ha) on primary branch axis (below 3-4 inches from tip)	
	for management of pink bollworm. This paste should be applied at 45, 75 and 105 days after	
	sowing (DAS)	
	For Scientific community	
25	For Scientific community For the control of bollworms of cotton the insecticides can be sprayed either on concentration basis	1992-93
25	For Scientific community For the control of bollworms of cotton the insecticides can be sprayed either on concentration basis with hand compression sprayer or knapsack sprayer, or on active ingredients basis with any types	1992-93
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25 26	For Scientific community For the control of bollworms of cotton the insecticides can be sprayed either on concentration basis with hand compression sprayer or knapsack sprayer, or on active ingredients basis with any types of sprayer under South Gujarat condition. For effective and economical control of sucking pests viz., aphid (A. gossypii), jassids (A.	1992-93 Surat,
25 26	For Scientific community For the control of bollworms of cotton the insecticides can be sprayed either on concentration basis with hand compression sprayer or knapsack sprayer, or on active ingredients basis with any types of sprayer under South Gujarat condition. For effective and economical control of sucking pests viz., aphid (A. gossypii), jassids (A. biguttullabigutulla) and thrips (Thrips tabaci) infesting hybrid cotton G.Cot.Hy-10 grown under	1992-93 Surat, 2002-03
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25 26 27 27 28	For Scientific community For the control of bollworms of cotton the insecticides can be sprayed either on concentration basis with hand compression sprayer or knapsack sprayer, or on active ingredients basis with any types of sprayer under South Gujarat condition. For effective and economical control of sucking pests viz., aphid (A. gossypii), jassids (A. biguttullabigutulla) and thrips (Thrips tabaci) infesting hybrid cotton G.Cot.Hy-10 grown under South Gujarat Agroclimatic Zone–II, need based application of any of the following insecticides are recommended 1. Imidachloprid 200 ml 20 g ai/ha 1:8.43 ICBR 2. Acetamiprid 20 sp 10 g ai/ha 1:7.31 ICBR 3. Thiomethoxam 25WG 25 g ai/ha 1:5.24 ICBR For the control of effective and economical control of cotton pink bollworm in Hybrid Cotton G.Cot.Hy.10, application of Spinosad 45 SC @ 580 g a.i./ ha (100 ml/ha), CBR 1:3.58 (Additional benefit of safer insecticide) or Deltamethrin tablet 25% @ 10 g a.i. / ha (20 tablets / ha each of 2.0 g weight), CBR 1:10.38 or betacyfluthrin 2.5 SC @ 18 g a.i. / ha (720 ml/ ha), CBR 1: 6.10 at 10 days interval starting from incidence of pink bollworm are recommended under South Gujarat Agro climatic condition. Cotton genotypes/varieties of Gossypium hirsutum viz., GSHV 159, GBHV 170, 177, 180, 183 and NH 615 were found moderately resistant to jassids. However, GSHV 159 and GBHV 170	1992-93 Surat, 2002-03 Surat, 2005-06 Bharuch & Surat,
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30	Survey for assessment of losses due to mealybug infestations in the cotton fields of farmers. The	Surat,
	loss due to mealybug infestation in cotton (based on 4-grade infested plants) was estimated to be	2017-18
	1.07 (0.00 to 2.97) per cent and the natural parasitism of Aenasiusbambawalei Hayat was 8.55	
	(4.73 to 14.93) per cent under farmers' management practices in 21 surveyed villages of Surat and	
	Bharuch district.	
31	Survey for assessment of losses due to pink bollworm infestations in the cotton fields of farmers'	Surat,
	The quantitative loss due to pink bollworm infestation was estimated to be 2.14 (0.88 to 3.61) per	2017-18
	cent under farmers' practices of 274 cotton fields in 21 surveyed villages of Surat and Bharuch	
	district during 2015-16 to 2017-18.	
32	Five varieties/genotypes of Gossypium hirsutum cotton viz., NH-615, GBHV-201, GBHV-209,	Bharuch,
	GBHV-204 and G.N.Cot-26 were found moderately resistant to jassids under rainfed conditions.	2020-21
	The GBHV-204 as resistant whereas GBHV-206, GBHV-201 and Suraj were found moderately	
	resistant to whitefly. Six cotton varieties/genotypesviz., GBHV-204, GBHV-209, G.N.Cot-26,	
	GBHV-206, GBHV-201 and NH-615 were found moderately resistant to bollworms under rainfed	
	conditions.	
33	Investigation on pre mature dropping of reproductive parts of cotton due to biotic stress	Surat
	Natural shredding of cotton square, flower and green bolls was 13.01, 2.93 and 1.17 per cent,	2024-25
	respectively. Dropping of premature squares, flower and green bolls due to pink bollworm was	
	2.10, 3.06 and 1.05 per cent and due to boll rot was 0.85, 2.84 and 3.26 per cent, respectively. The	
	proportion of natural shredding vis-a-vis premature dropping due to biotic stress (pink bollworm	
	and rotting) was 60:40. The boll rot pathogens associated were Xanthomonas, Alternaria,	
	Penicilium, Rhizopus, Aspergillus, Curvularia and Capnodium.	

PLANT PATHOLOGY

Sr.	Item	Centre
No.		and Year
1	Delinting with sulphuric acid @ 100 ml/kg seed and seed dressing with mercuric fungicide @ 2-	Surat, 1971
	3 g/kg of seed has been recommended to control seed borne diseases of cotton.	
2	Streptocycline @ 0.005% + Copper oxychloride 0.2% spray has been recommended for the	Surat, 1983
	control of bacterial blight disease of cotton.	
3	Following cultural practices like long term crop rotation, balanced application of NPK, organic manure, mixed cropping of Math and Urid, irrigation at short intervals, green manuring and destruction of infected debris have been found beneficial for reducing the intensity of soil borne diseases like wilt and root rot of cotton.	Surat, 1984
4	Studies on estimation of yield losses by bacterial blight in cotton proved that under natural condition it causes loss in yield upto 13% as against 35% under artificial inoculation condition irrespective of varieties.	Surat, 1990
5	Farmers of Middle Gujarat growing cotton are recommended to follow seed treatment with commercially available biocontrol agent Trichoderma viride @ 5 g/kg seed (CBR 1: 1734 and Net profit Rs. 6932/ha) for safer, effective and economical management of root rot disease of cotton.	Surat, 2002
6	Cotton growing farmers of South Gujarat Zone-II are advised to follow seed treatment with bio control agent Pseudomonas fluorescens (Pf1) @ 10 g/kg seed + three foliar sprays of Pseudomonas fluorescens (Pf1) 0.2% (20 g / 10 liter) at 30 days interval starting from 30 days after sowing for effective and economical management of bacterial blight disease of cotton.	Surat, 2010
7	Cotton growing farmers of South Gujarat region are advised seed treatment with Pseudomonas fluorescence (2 x 108 cfu/g) @ 10 g/kg seed, soil application of Trichoderma viride (2 x 106 cfu/g) @ 2.5 kg/ha in 250 kg of vermicompost and two sprays of kresoxim methyl @ 0.0443 % followed by copper oxychloride (0.2 %) + streptocycline (0.01 %) first at the initiation of the disease and second at 15 days after first spray for effective management of bacterial leaf blight and alternaria leaf spot diseases of cotton.	Surat 2018-19
8	Cotton growing farmers are advised the following Integrated Disease Management module (IDM) for the management of Bacterial leaf blight (BLB) and Alternaria leaf spot (ALS) diseases of cotton, seed treatment, soil application and two sprays first at the initiation of the disease and second at 15 days after first spray is effectively manage the diseases and increasing the cotton seed yield.	Guntur, 2019



	IDM Module	
	1. Seed treatment with <i>Pseudomonas fluorescence</i> (2 x 10 ⁸ cfu/g) @ 10 g/kg seed.	
	2. Soil application of <i>Trichoderma viride</i> (2x 10 ⁶ cfu/g) @ 2.5 kg/ha in 250 kg of vermicompost.	
-	3. Foliar spray Kresoxim methyl @ 1ml/ lit followed by COC (0.2 %)+Streptocycline(0.01%).	
9	Evaluation of efficacy of bioagents against cotton diseases	Combatore
	For management of Alternaria lear blight among all the treatments combined application of $R_{acillus}$ tequailensis + $R_{acillus}$ any abbettai as a sold treatment (10 ⁶ of μ/g @ 10g per kg) and	2022
	soil application @ 2.5 kg/ha in 250 kg/ha vermicompost (at 30 & 60 DAS) and foliar application	
	of Pyraclostrobin @ 0.1% and for bacterial leaf blight. Soil Treatment (ST) + Soil Application	
	(SA) of PF CICR: SA – 10^8 cfu/g @10g per kg and @ 2.5 kg/ha (at 30 & 60 DAS) were found	
	effective	
10	Cotton growing farmers of South Gujarat are recommended to follow the seed treatment of	Surat
	Pseudomonas florescence 0.5% WP (10°cfu/g) 10g per kg of seeds before sowing and two	2023
	applications of <i>Pseudomonas fluorescens</i> 0.5% WP (10°ctu/g) 2.5 kg/ha mixed in 250 kg of	
	bacterial leaf blight	
11	Evaluation of different fungicides against boll rot and foliar disease of cotton (AGRESCO	Surat
	2024). Cotton growing farmers of South Gujarat are recommended to apply two sprays of	2024
	fluxapyroxad 167 g/L + pyraclostrobin 333 g/L SC @ 6ml/ 10L or metiram 55% +	
	pyraclostrobin 5% WG @ 30g/ 10L of water for effective management of boll rot disease. First	
	spray should be given at the initiation of disease and second spray after the 15 days for the first	
10	spray.	
12	chemical pesticides and their Combinations recommended chemicals evaluated as a spray	
	application for the management of boll rot at Surat (AICRP, Nagpur, 2024).	
	Boll rot- Fluxapyroxad 167 g/Litre + Pyraclostrobin 333 g/Litre SC @ 0.6 g/L, Metiram 55% +	
	Pyraclostrobin 5% WG @ 2 g/litre of water.	
	TT • ,• /• /• • • /	
9	For scientific community Soil amendment with farm yard manure @ 20 t/ba or pressmud 2 t/ba or decomposed poultry	Surat
,	manure 2 t/ha is effective for economical management of root rot disease of cotton.	1999
10	Bacterial blight incited by Xanthomonas campestris pv. Malvacearum of cotton causes 11.95,	Surat,
	11.14 and 9.26% avoidable loss in seed cotton yield of cultivars LRA-5166, G.Cot.HY-10 and	2000
11	BC-68-2, respectively.	G (
11	For the management of Alternaria leaf spot disease in cotton following module was found affective. Seed treatment with Bacudemonas fluorescenes CICP (2×108 eff(α) @ 10 g/kg seed	Surat,
	soil application of Trichoderma viride TNAU1 (2 x 106 cfu/g) @ 25 kg/ha in 250 kg of	2019
	vermicompost and sprays of kresoxim methyl (0.0443%), followed by captan + hexaconazole @	
	1.5 g/l for fungal diseases first at the initiation of the disease and second at 15 days.	
12	GBHV 209 proved as most promising entry as it showed disease free and resistant against	Surat,
	Alternaria leaf spot and bacterial leaf blight, respectively. Promising and most common	2020-21
	Gossyptum hirsutum entries viz., GBHV 186, GBHV 201 and GBHV 204 were found resistant	
	correlation of constitutes viz., chlorophyll, phenol and total soluble sugar with diseases as it	
	shows the differences in the amount of disease free, resistant and susceptible entries and	
	varieties.	
13	Investigation on pre mature dropping of reproductive parts of cotton due to biotic stress	Surat
	(AGRESCO, 2024) In fixed plot survey, natural dropping of fruiting bodies in <i>Bt</i> cotton was	
	found critical in October II to November II fortnight. There were significant positive correlations of square dropping with minimum temporature (15.60 to 26.82.00) and merring	
	relative humidity (59.00 to 97.67%) whereas flower dronning showed significant positive	
	correlation with sunshine (1.20 to 7.13 hrs). The dropping of green bolls showed significant	
	positive correlations with maximum temperature (26.43 to 35.83 0C) and sunshine (1.20 to 7.13	
	hrs). Natural dropping was 13.49, 5.08 and 1.70 per cent whereas pre-mature dropping due to	
	pink bollworm was 2.88, 4.20 and 1.32 per cent and due to disease (rotting) was 1.07, 1.70 and	
	0./1 per cent in form of squares, flowers and green bolls, respectively. Further, the dropping due	
	to rotting in association with pink bollworm and secondary infestation was observed to be 1.59 and 0.51 per cent	
1	and 0.51 per cent.	



14	In roving survey on farmers fields, the pre-mature dropping of square, flowers and green	Surat
	bolls was 2.10, 3.06 and 1.05 per cent due to pink bollworm; 0.85, 2.84 and 3.26 per	
	cent due to rotting with or without association of pink bollworm and secondary	
	infestation as against natural dropping 13.01, 2.93 and 1.17 per cent, respectively. The	
	proportion of premature dropping vis-a-vis natural dropping was estimated	
	approximately as 40:60 per cent. The premature dropping was associated with pink	
	bollworm infestation alone, rotting caused by microbes or rotting associated with or	
	without pink bollworm or secondary infestation.	

PLANT BREEDING

Sr.	Item	Centre
No.		and Year
1	The Desi cotton variety GN.Cot.27 (Surti Sonu) recorded 1264 kg/ha average seed cotton yield	Surat,
	which is 27.2 and 22.8 % higher than checks G.Cot.23 and GN.Cot.25, respectively under rainfed	2020-21
	condition of South Gujarat. It exhibited 433 kg/ha average lint yield and 34.4 % average ginning	
	out turn. The variety showed disease free reaction against Wilt, Alternaria leaf spot as well as	
	Bacterial leaf blight diseases. The proposed variety recorded below ETL population of sucking	
	pests. The bollworms damage is also found low and comparable to checks. Thus, the	
	herbaceumcotton variety GN.Cot.27 (Surti Sonu) is recommended for cultivation under rainfed	
	areas of South Gujarat.	





RECOMMENDED INSECTICIDES / FUNGICIDES / WEEDICIDES / GROWTH REGULATORS AS PER CIB REGISTRATION

	A. INSECTICIDES									
Year	Crop	Pest	Pesticide/formulation	Арј	olication	Application Schedule/ Recommendation	Interval (Day)			
			(I/F/H/N/R/PR)*	(Conc.	or g/kg seed)		between last			
				Formulation	% a.i. or g/ml		application and			
				or ml/10 lit	ai/ha		harvest			
				water						
1978	Cotton	Bollworms	Cypermethrin 10 EC (I)	9ml	90 ppm (0.009%)	At peak flowering period at 15-20 days interval	-			
			Fenvalerate 20 EC (I)	7.5ml	150 ppm (0.015%)	-do-	-			
			Decamethrin 2.8 EC (I)	4.5 ml	12.5 ppm	-do-	-			
			Permethrin 25 EC (I)	6ml	(0.00125%)	do				
1081	Cotton	Cotton posts	Fernieumin 25 EC (I)	7.5ml	150 ppm(0.015%).	-uo-	•			
1701	Cotton	Cotton pests	Cynormothrin 10 EC (I)	/.Jilli 0ml	130 ppm(0.013%)	do	- 7 days(as par CIB)			
108/	Cotton	Bollworms	Cypermethrin 10 EC (I)	5ml	50 g a i /ba	-uu- Based on ETL 20 larvae/20 plants	7 days(as per CIB)			
1704	Cotton	DOIIWOIIIIS	Decemethrin 2.8 EC (I)*	5 ml	15 g a.i./ha	do	7 days(as per CID)			
			Equivalente $20 \text{ EC}(I)$	5 ml	100 g a i /ba	- do -	7 days(as per CIB)			
1985	Cotton	Bollworms	Flucythrinate 20 EC (I)	2 ml	100 g a.i./iia.	Spraving of any one insecticides at peak				
1705	Cotton	Donworms	They infinate 20 EC (1)	2 111	40g a.i./iia	flowering stage	-			
			Fluvalinate 25 EC(I)	2ml	50g a.i./ha	-do-	7 days(as per CIB)			
1987	Cotton	Cotton bollworm	Fenvalerate 20 EC(I)	5ml	0.005%	Spraying at fortnightly interval during peak	7 days(as per CIB)			
						flowering period of the crop control cotton				
						bollworm effectively while economizing the				
						pesticidal application.				
			Decamethrin 2.8 EC (I)*	2.6 ml	0.00075%	- do -	-			
			Cypermethrin 10 EC(I)	3ml	0.003%	- do -	7 days(as per CIB)			
1989	Cotton	Spodoptera	Diflubenzuron 25 WP(I)	16ml	0.04%	Recommended for the effective control	-			
1993	Cotton	Whitefly	Triazophos 40 EC(I)#	19ml	0.75 kg a.i./ha	Recommended for the control of whitefly	21 days(as per CIB)			
1995	Cotton	Bollworms	Fenvalerate 20 EC(I)	4ml	75 g a.i./ha	Application of Fenvalerate for boll worms	7 days(as per CIB)			
			Chlorpyriphos 20 EC(I)*	38ml	750 g a.i./ha	Application of Chlorpyriphos. Insecticides	-			
						should be applied on need base.				
		Helicoverpa	HNPV (I)	-	450 LE	Need base	-			
		Spodoptera	SNPV (I)	-	250 LE	Need base	-			
		SP & BW	Margocide CK (I)	3 lit/ha	-	SP & BW at ETL	-			
			Achook(I)	1.5 kg/ha	-	Bollworms at ETL	-			
1997	Cotton	Cotton pests	Methyl-o-demeton 25	12ml	0.03%	Blanket application of Methyl-o-derneton during	-			
			EC(I)			early season i.e. up to 40 days after germination				
		Cotton pests	Monocrotophos36 SL(I)*	11ml	0.04%	Need based application alternatively at ETL.	-			
		Cotton pests	Quinalphos 25 EC(I)*	20ml	0.05%	- do -	-			
		Cotton pests	Profenophos 50 EC(I)	10ml	0.05%	- do -	15 days (as per CIB)			



	A. INSECTICIDES								
Year	Crop	Pest	Pesticide/formulation (I/F/H/N/R/PR)*	App (Conc. o	olication or g/kg seed)	Application Schedule/ Recommendation	Interval (Day) between last		
				Formulation or ml/10 lit water	% a.i. or g/ml ai/ha		application and harvest		
		Cotton pests	Chlorpyriphos 20 EC(I)*	25ml	0.05%	- do -	-		
		Helicoverpa	HNPV (I)	-	450 LE	Need base	-		
		Spodoptera	SNPV (I)	-	250 LE	Need base	-		
		Pest complex	Neem based (I)	3 lit/ha	-	Alternatively at ETL	-		
1998	Cotton	Bollworms	Profenphos 50 EC (I)	20ml	1.0 kg a.i./ha	- do -	15 days (as per CIB)		
			Quinalphos 20 AF(I)*	2.5 l/ha	0.1%	- do -	7 days (as per CIB)		
1998	Cotton	Bollworms	Profenophos 40 EC+ Cypermethrin 4 EC (I)	1.0 l/ha	0.08%	Insecticides should be sprayed as and when bollworm crosses the ETL under South Gujarat conditions.	14 days (as per CIB)		
			Cypermethrin 10 EC(I)	0.5 l/ha	0.1%	- do -	7 days(as per CIB)		
1998	Cotton	Bollworms	Methyl-O-dematon 25 EC(I)	12ml	0.03 %	One to two blanket application(s) of Methyl-o- dematon during early season i.e. upto 40 days of germination as and when necessary.	-		
			Monocrotophos36 SL(I)*	11ml	0.04 %	- do -	-		
			Quinalphos 25 EC(I)*	20 ml	0.05 %	- do -	-		
			Fenvalerate 20 EC(I)	1 ml	0.0012 %	- do -	7 days(as per CIB)		
1999	Cotton	Sucking pests and bollworms	Methyl-O-dematon 25 EC(I)	12 ml	0.03 %	Blanket application of Methyl-o-dematon during initial crop stage (upto 40 days after germination)	-		
		Bollworms	Chlorpyriphos 20 EC(I)*	2.5 l/ha	0.1%	- do -	-		
		Bollworms	Quinalphos 20 AF(I)*	2.5 l/ha	0.1%	- do -	7 days (as per CIB)		
		Bollworms	Fenvalerate 20 EC(I)	500 ml/ha	0.02	- do -	7 days(as per CIB)		
		Helicoverpa	HNPV (I)	-	450 LE	Need base	-		
		Spodoptera	SNPV (I)	-	250 LE	Need base	-		
		Pest complex	NSKS (I)	3 lit/ha	-	Alternatively at ETL of different pests	-		
2000	Cotton	Sucking pests	Imidacloprid 70 WG(I)	10 g/kg seeds	-	Based on the results of the following IPM module is recommended. Spraying of insecticides for control of insect pests as well as bollworms on ETL base.	-		
		Bollworms	Quinalphos 25 EC(I)*	20 ml	0.05%	- do -			
			Chlorpyriphos 20 EC(I)*	25 ml	0.05%	- do -	-		
		Bollworms	Cypermethrin 10 EC(I)	0.5 l/ha	0.01	- do -	7 days(as per CIB)		
			Profenophos 40 % + Cypermethrin 4 %(I)	1.0 l/ha	0.08	- do -	14 days (as per CIB)		
			Fenvalerate 20 EC(I)	0.5 l/ha	0.02	- do -	7 days(as per CIB)		
		Helicoverpa	HNPV (I)	-	450 LE	Need base	-		



	A. INSECTICIDES								
Year	Crop	Pest	Pesticide/formulation	Арр	olication	Application Schedule/ Recommendation	Interval (Day)		
			(I/F/H/N/R/PR)*	(Conc. o	or g/kg seed)		between last		
				Formulation	% a.i. or g/ml		application and		
				or ml/10 lit	ai/ha		harvest		
				water					
		Spodoptera	SNPV (I)	-	250 LE	Need base	-		
		Pest complex	NSKS (I)	3 lit/ha	-	Alternatively at ETL of different pests	-		
2001	Cotton	Aphid (A. gossypii),	Thiamethoxam 70 WS(I)	2.8 g/kg seed	-	Seed treatment with any one of the insecticides	-		
		jassid (A.				is recommended.			
		biguttullabiguttulla)	Imidacloprid 70 WS (I)	7.5 g/kg seed	-	- do -	-		
		and thrips (<i>Thrips</i>	Imidacloprid 600 FS(I)	9 ml/kg seed	-	- do -	-		
	0	tabaci)					10.2 (
2001	Cotton	Bollworms	Spinosad 45 SC(1)	2 ml	75 g a.1./ha	Application as per ETL base (5 % boll damage)	10 days(as per		
						is recommended for control of bollworms	CIB)		
						attacking G.Cot.Hy-10 cotton in South Gujarat			
			Bota cyfluthrin 2.45 SC (I)	1 ml	18 g a i /ba	Agio cinnatic Zolle.			
			Novaluron 10 EC(I)	1 IIII 10 ml	10 g a.i./lla	- d0 -	40 days(as per CIB)		
		Helicoverna	HNPV (I)	-	450 L F	Need base	+0 days(as per CID)		
		Spodoptera	SNPV (I)	_	250 LE	Need base			
		Pest complex	Neemark(I)	3 lit/ha	-	Alternatively at ETL of different pests	-		
2002	Cotton	Sucking pests	Imidacloprid 17.8 SL(I)	1 ml	20 g a.i./ha	Need based application of any of the following	40 days(as per CIB)		
2002	conon	Seening pests			20 8 411,114	insecticides are recommended.			
			Acetamiprid 20 SP(I)	1 g	10 g a.i./ha	- do -	15 days(as per CIB)		
			Thiamethoxam 25 WG(I)	1 g	25 g a.i./ha	- do -	-		
2005	Cotton	Pink bollworm	Spinosad 45 SC(I)	1 ml	50 g a.i./ha	At 10 days interval starting from incidence of	10 days(as per CIB)		
						pink bollworm			
			Deltamethrintablet 25% (I)*	-	10 g a.i./ha	- do -	30 days(as per CIB)		
			Betacyfluthrin 2.5 SC (I)	7 ml	18 g a.i./ha	- do -	20 days(as per CIB)		
2010	Cotton	Mealybug	Imidacloprid 70 WG(I)	1 ml	0.00375%	Spray imidacloprid or acetamiprid or	40 days(as per CIB)		
						acetamiprid + chlorpyriphos at 15 days intervals			
						starting from initiation of the pest			
	~		Acetamiprid 20 SP(I)	2 g	0.004%	- do -	15 days(as per CIB)		
2017	Cotton	Pink bollworm	Spinosad 45 SC	3 ml	67.5	First spray at 75 days after sowing and second at	10 days(as per CIB)		
			Emamectinbenzoate 5SG	5 g	12.5	15 days of first spray for effective namagement	10 days(as per CIB)		
	a	<u> </u>	Indoxacarb 15.8 EC	5 ml	39.5	of pink bollworm	14 days(as per CIB)		
2020	Cotton	Sucking pests &	Azadirachtin 1500 PPM	50 ml	0.00075	Spraying at flowering initiation at 60 DAS	5 days(as per CIB)		
		Bollworms		2	0.015				
		Sucking pests(Thrips,	Fionicamid 50 WG	3 g	0.015	Stem application at 30, 45 and 60 DAS	25 days(as per CIB)		
		Leainopper,							
		Aprila, w niterily)	Indoxeenth 145 SC	101	0.0145	ETL (10% fruiting hody domage) based alternate	16 days(as man CID)		
		PINK DOILWORM	Indoxacard 14.5 SC	10 mi	0.0145	ETL (10% fruiting body damage) based alternate	To days(as per CIB)		



				A. I	NSECTICIDES		
Year	Crop	Pest	Pesticide/formulation (I/F/H/N/R/PR)*	Application (Conc. or g/kg seed)		Application Schedule/ Recommendation	Interval (Day) between last
				Formulation% a.i. or g/mlor ml/10 litai/hawater			application and harvest
			Emamectin benzoate 5 SG	5 g	0.0025	application of recommended insecticides	10 days(as per CIB)
			Spinosad 45 SC	3 ml	0.014		10 days(as per CIB)
2021	Cotton	Sucking pests & Bollworms	Azadirachtin 1500 PPM	50 ml	0.00075	60 DAS	5 days(as per CIB)
		Sucking pests (Thrips, Leafhopper, Aphid, Whitefly)	Flonicamid 50 WG	3 g	0.015	Stem application at 30, 45 and 60 DAS	25 days(as per CIB)
		Pink Bollworm	Indoxacarb 14.5 SC	5 ml	0.0072	ETL (10% fruiting body damage) based	16 days(as per CIB)
			Emamectin benzoate 5 SG	5 g	0.0025	application	10 days(as per CIB)
			Spinosad 45 SC	3 ml	0.014		10 days(as per CIB)
2021	Cotton	Pink bollworm	Thiodicarb 75 WP	20 g	0.15	60 DAS	30 days(as per CIB)
			Chlorpyriphos 20 EC	25 ml	0.05	90 DAS	-
			Lambda-cyhalothrin 5 EC	10 ml	0.005	120 DAS	21 days(as per CIB)
2023	Cotton	Sucking Pest	Flonicamid 50 WG	3 g	0.015	First spray at initiation of sucking pests and subsequent two sprays at 15 days interval from first spray	25 days (as per CIB)

Insecticide banned vide Ministry & Agriculture Farmers' Welfare, Government of India Gazzette Notification No.3156, Dt.9th August, 2018. * Insecticide likely to ban vide Ministry & Agriculture Farmers' Welfare, Government of India draft Notification No.1351, Dt.18th May, 2018.

				B. FUNGICIDES			
Year	Crop	Pest/ Disease	Formulation (I/F/H/N/R/PR)*	Applicat (Conc. Or g/l	Application (Conc. Or g/kg seed)		Interval (Days between last
				Formulation g or ml/10 lit of water	% a.i. or g/ml a.i./ha		application and harvest)
1972	Cotton	Seed borne diseases	Sulphuric acid	100 ml/kg		Seed delinting	
1984	Cotton	Bacterial blight	Streptocycline sulphate (A) 100%	0.5 g	0.005 %	Spray at the initiation of the disease	
			Copper oxychloride (F) 50 WP	40 g	0.2 %		
2003	Cotton	Root rot	Trichoderma viride	5 g/kg		Seed treatment	



	B. FUNGICIDES								
Year	Crop	Pest/ Disease	Formulation (I/F/H/N/R/PR)*	Applicat (Conc. Or g/l	ion kg seed)	Application schedule/ Recommendation	Interval (Days between last		
				Formulation g or ml/10 lit of water	% a.i. or g/ml a.i./ha		application and harvest)		
2011	Cotton	Bacterial blight	Pseudomonas fluorescens		10 g/kg seed treatment + 20 g/10 lit for three spray	Seed treatment + three foliar spray at 30 days interval starting from 30 days after sowing			
2023	Cotton	Bacterial blight	Pseudomonas fluorescens	(10 ⁸ cfu/g) 10g per kg	_	Two applications of <i>Pseudomonas fluorescens</i> 0.5% WP (10 ⁸ cfu/g) 2.5 kg/ha mixed in 250 kg of vermicompost at 30 and 60 days	_		
2024	Cotton	Boll Rot	fluxapyroxad 167 g/L + pyraclostrobin 333 g/L SC or metiram 55% + pyraclostrobin 5% WG	6ml/ 10L Or 30g/ 10L of water	-	Foliar Spray	_		

	C. WEEDICIDES										
1984	Cotton	Weeds	oxadiazon 25 EC #	80	1 kg a.i./ha	Pre-emergence +	150-180				
			Diuron 80 WP	20	0.75 kg a.i./ha	Post emergence	150				
2001	Cotton	Weeds	Fluchloralin 45 EC	5.6	0.625 kg a.i./ha	Pre sowing band application	180				
2011	Cotton	Weeds	Pendimethalin 30 EC*	66.6	1 kg a.i./ha	Pre emergence	180				

Weedicide note in the approved list of Weedicide in cotton Ministry & Agriculture Farmers' Welfare, Government of India Major uses of Weedicide Notification Dt.31th January, 2020.

* Weedicide likely to ban vide Ministry & Agriculture Farmers' Welfare, Government of India draft Notification No.1351, Dt.18th May, 2018.

	D. GROWTH REGULATORS										
Year	Сгор	Pest	Pesticide/Formulation (I/F/H/N/R/PR)	Application (Conc. or g/kg seed)		Application schedule/ Recommendation	Interval (days) between last				
				Formulation g or ml % a.i. or g/ml a.i.			application and				
				per 10 lit water	per ha		harvest				
1994	Cotton	Defoliant	Ethrel (H)		2000 ppm	50% boll bursting stage	-				
2011	Cotton	Defoliant	Ethylene (H)		45 ppm	Square initiation (35-40 DAS)	-				
2023	Cotton	Growth retardant	Mepiquate Chloride	5%(8.5 ml)	20 g ai	60 and 75 DAS	-				



સંશોધન નિયામકશ્રી, નકૃયુ, નવસારીનાં તા.૦૯/૦૫/૨૦૧૯નાં પરીપત્ર જા.નં.નકૃયુ/સંનિ/૪૧૫૫/૨૦૧૯ મુજબ વધારાની માહિતી

૧. જેઆરએફ/એસઆરએફ/આરએ/રોજમદારનાં કોન્ટ્રાકચ્યુલ સ્ટાફની માહિતી

ક્રમ	નામ	હોઘ્દો અને પગારધોરણ	યોજનાનું નામ અને બ.સ.	સમયગાળો
૧	યુવરાજસિંહ રમેશભાઈ ચૌહાણ	યંગ પ્રોફેસનલ —1 Rs.30000/- Per Month (Fixed)	<mark>આઇસીએઆર-સીઆઈસીઆર યોજના</mark> under NFSM :Commercial Crops:Insecticide Resistance Management (IRM): Dissemination of the Pink Bollworm management Strategie. (બ.સ.:૩૧૩/૦૨૧૧૧)	2024-25
ર	નિમિષ ઉત્તમભાઈ માહલા	કોન્ટ્રાકચ્યુઅલ સ્ટા ఫ Rs.25000/- per month	Other Agency Scheme: Bio-safety resraech trial (BRL.I) for transgenic hybrids and events on evaluate insect resistance (Pink Bollworm) in cotton hybrids carrying selected transgenic event(B.H18279)	2024-25
3	વિંજલબેન અમ્રતભાઈ પટેલ	કોન્ટ્રાકચ્યુઅલ સ્ટાફ Rs.25000/- per month	Other Agency Scheme: Bio-safety resraech trial (BRL.I) for transgenic hybrids and events on evaluate insect resistance (Pink Bollworm) in cotton hybrids carrying selected transgenic event(B.H18279)	2024-25

ર. સંશોધન લેખોની માહિતી ઃ **ઉપરનાં મુઘ્દા નં.પ પ્રમાશે**

૩. ભલામણ કરેલ તેની માહિતી <mark>: ઉપરનાં મુઘ્દા નં. દ્ર પ્રમાણે</mark>

૪. સેમીનાર/ સીમ્પોઝીયમ/ કોન્ફરન્સ/ વર્કશોપ/ શોર્ટ ટર્મ ટ્રેનીંગ/ સમર એન્ડ વિન્ટર સ્કુલ ટ્રેનીંગ/ ઓરીએન્ટેશન ટ્રેનીંગ/ રીફેસર કોર્ષ માટેનું રજીસ્ટર/ ઓથ. રીફીકેશનની માહિતી ઃ

Sr.	Name &	Details of Seminar/Symposium/	Place	Date	Duration		
No.	Designation	Conference					
2016-	2016-17						
1	Dr. B. G. Solanki,	Celebration of International day for	Ahmadabad	22/05/2016	1 Day		
	Research Scientist	Biological Diversity					
	(Cotton), NAU,	Indian Society of Plant Genetic	ICAR, NASC complex,	6-8/11/2016	3 Days		
	Surat	Resources and 1 st International Agro-	New Delhi				
		biodiversity Congress					
		Brain Storming Session fifty years of	CICR, Coimbatore	9-11/11/2016	3 Days		
		cotton research "Lessons learnt and the					
		way forward"					
2.	Dr. D. H. Patel,	Brain storming session on	GSBTM, Gandhinagar	16/9/2016	1 Day		
	Asso. Res. Sci.	Cryopreservation and Tissue culture					
	MCRS, NAU, Surat	IPR meet on GM Trades and Seeds	Gandhinagar	8/8/2016	1 Day		
		Germplasm field Day	CICR, Nagpur	6/12/2016	1 Day		
2	Dr. H. R. Ramani	Attended symposium on "Non-thermal	Food processing	18/03/2017	1 Day		
	Assist.Res. Scip	technology for improvement of safety	technology and bioenergy,				
	(Biochem.), MCRS,	and quality of foods"	AAU, Anand				
	NAU, Surat						
3	Dr. P. B. Sandipan	One day State level seminar "Plant	NAU, Navsari	11/06/2016	1 Day		
	Assistant Research	Protection in Organic Farming"					
	Scientist (Pl. Path.),						
	MCRS, NAU, Surat						
4	Dr. R. D. Patel	One day State level seminar "Plant	NAU, Navsari	11/06/2016	1 Day		
	Assistant Research	Protection in Organic Farming"					
	Scientist (Ento.),						
	MCRS, NAU, Surat						

PARTICIPATION IN SEMINAR/SYMPOSIUM/CONFERENCE





Sr.	Name &	Details of Seminar/Symposium/	Place	Date	Duration
No.	Designation	Conference			
5	Dr. G. R. Bhanderi	One day State level seminar "Plant	NAU, Navsari	11/06/2016	1 Day
	Assistant Research	Protection in Organic Farming"			
	Scientist (Ento.),				
	MCRS, NAU, Surat				
2017-			CICD N.	15 17/00/17	02.1
1	Dr. B. G. Solanki December Scientist	/ Asiatic Cotton Research and	CICR, Nagpur	15-1//09/1/	03 days
	(Cetton)	Development Network Meeting			
2		7 th Asiatia Cotton Bassarah and	CICB Nagpur	15 17/00/17	02 days
2	Dr. п. к. Desal	7 Astalic Collon Research and Development Network Meeting	CICK, Nagpur	13-1//09/17	05 days
	Scientist (Ento)	Development Network Meeting			
3	Dr D H Patel	7 th Asiatic Cotton Research and	CICR Nagpur	15-17/09/17	03 days
5	Asso Research	Development Network Meeting	Cicit, Hugpui	15 17/07/17	05 days
	Scientist (Ag. Bot)	Development rection intecting			
4	Dr. K.V.Vadodariva	7 th Asiatic Cotton Research and	CICR. Nagpur	15-17/09/17	03 davs
	Asso. Research	Development Network Meeting			j.
	Scientist (Ag. Bot)				
5	Dr. S. L. Pawar	7 th Asiatic Cotton Research and	CICR, Nagpur	15-17/09/17	03 days
	Asso. Research	Development Network Meeting			-
	Scientist				
	(Agronomy)				
6	Dr. K. B. Sankat	7 th Asiatic Cotton Research and	CICR, Nagpur	15-17/09/17	03 days
	Assist. Research	Development Network Meeting			
	Scientist				
	(Agronomy)			05/11/2015	
7	Dr. H. R. Ramani	One Day International Symposium on	P P Savani University,	05/11/2017	1 day
		Emering Biological trends in 21st	Kosamba, Surat		
0	Dr. Daiach D. Datal	Dt resistance monitoring of Dink	CICB Nagpur	20.22/04/2017	02 days
0	Dr. Preeti R. Parmar	bellworm on Cotton	CICK, Nagpui	20-22/04/2017	05 days
9	Dr. Raikumar B K	International symposium on "Emerging	School of sciences PP	5/11/2017	1 day
	Dr. Preeti R. Parmar	Biological Trends in 21st Century"	Savani University	5/11/2017	1 day
		Diological Hends in 21st Contary	Kosamba, Gujarat		
10	Dr. Rajkumar B. K.	Contemporary Trends in Cancer	Department of Biosciences	18/8/2017	1 day
	5	Research	(UGC-SAP-DRS-II) Veer		2
			Narmad South Gujarat		
			University, Surat, Gujarat		
11	Dr. Preeti R. Parmar	Contemporary Trends in Cancer	Department of Biosciences	18/8/2017	1 day
		Research	(UGC-SAP-DRS-II) Veer		
			Narmad South Gujarat		
			University, Surat, Gujarat		
12	Dr. G. R. Bhanderi	PPAG seminar on AdhunikKhetima	JAU, Junagadh	19/08/2017	1 day
		Pak Sanrakshan: Samasyaane			
12	Dr. C. O. Faldy	Samadhan National Saminan an "Suatainghla Food	ASDEE college of	7/06/2017	1 day
15	Dr. G. O. Faldu	Value Chain in Arena of Climate	horticulture and Ecrestry	//00/2017	1 day
		Change"	NALL Navsari		
2018.	.19	enunge	11110, 114/5411		
1	Prashant B. Sandipan	Attended and Presented Plant	Regional Cotton Research	May 23, 2018	1 dav
	······································	Pathological technical report in the	Station, AAU, Anand		
		Technical session of State Technical	(Gujarat)		
		Meeting on Cotton			
2	Prashant B. Sandipan	Presented paper in the ISPP West	organized by Mahatama	August 04,	1 day
	_	Zonal Seminar on "Emerging Trends in	Phule Krishi Vidyapeeth,	2018.	-
		Plant Physiology for Crop Production	Rahuri and Indian Society		
		under Climate Change Scenario".	for Plant Physiology, New		
			Delhi at Rahuri		
3	Prashant B. Sandipan	Attended State level seminar on "Uttar	PPAG & SDAU,	September	1 day
		Gujarat Na BagayatiPakoma Pak	Sardarkrushinagar	29, 2018	
		Sanraksan on at SDAU,	(Gujarat)		
		Saruarkrusninagar.			
L	1		I	1	<u> </u>



Sr.	Name &	Details of Seminar/Symposium/	Place	Date	Duration
110.	Drochant D. Condinan	Derticipation in the 1 st State 11	Noveni A minutere	November	1 dore
4	Frashant B. Sandipan	Convention on "Latest T1	Inavsari Agricultural	18 2019	i day
		Convention on "Latest Technology for	University, Navsari	18, 2018	
		Prosperity and Sustainable	(Gujarat).		
5	Deceloret D. Condinon	Development in Agriculture .	MCM Control for	Describer	2 4
5	Prashant B. Sandipan	Participated and Presented paper in the	MCM Centre for	December	2 days
		International e-Conference.	Directnesser 12 Namel	5-0, 2018	
-	Destated D. Carlinson	Attend 1 1 and December 1 and a	Biratnagar-12, Nepal	1	2.1.
0	Prashant B. Sandipan	Attended and Presented paper in	NAU, Navsari, (Gujarat)	January 22-	3 days
		National Symposium on Sustainable		24, 2019	
		Management of Pests and Diseases in			
		Augmenting Food and Nutritional			
		Security' on jointly organized by		a . a	01
7	Dr. G. R. Bhanderi	Participation in one day state level	SDAU, Sardarkrushinagar	Sept. 29,	01
	Dr. R. D. Patel	PPAG Seminar on "Uttar Gujarat		2018	
		naBagayati Pako ma Pak Sharkshan"			
8	Dr. H. R. Desai	National symposium on "Sustainable	ACHF, NAU, Navsari	Jan. 22-24,	03
	Dr. G. R. Bhanderi	Management of Pests and Diseases in		2019	
2010	20	Augmenting rood and National Security			
2019- 1	Dr D U Datal	National seminar on" Dischamical and	Department of soil soiones	12/12/2010	01
1	Dr. D. H. Fatel	Molecular intervention for nutrient	and agri Chamister	12/12/2019	01
	Dr. U. D. Domoni	securities and food software NAT	NAU Nouseri	13/12/2010	
	DI. H. K. Kalilani	Neuroni	INAU, INAVSAII	15/12/2019	
- n	Dr K P Contrat	National Symposium on "Cottor	Odisha University of	22/01/2020	02
	Dr. K. V. Vadodariva	Production and Tachnologies in the	A griculture and	22/01/2020	05
	Dr. K. V. Vauouariya	Production and Technologies in the	Agriculture and	10	
	DI. S. L. Fawal	Next Decade: Problems and	Technology,	24/01/2020	
	Dr. D. H. Patel	Perspective	Bhubaneswar, Odisha		
	Dr. Kajkulliar D. K.		January 22-24, 2020.		
	Dr. G. R. Bhanderi				
	Dr. K. D. Patel				
2	Dr. H. K. Kamani	National Conference on "Decent	Demonstrate of Determined	16/01/2020	01
3	Dr. Preen R. Parmar	National Conference on Recent	Department of Botany and	10/01/2020	01
		Trends in Biosciences and	Zoology, Knandesn	17/01/2020	
		Environmental Science (RTBES	College education society s	17/01/2020	
		2020)	Mooijijaitna college,		
4	Dr. C. P. Phandari	One Day training workshop on SDNE	NAU Neusori	0/2/2020	01
4	Dr. U. R. Blialidell	one Day training workshop on SPNF	INAU, INAVSall	9/2/2020	01
2020	DI. П. К. Кашаш 21	at NAO, Navsall			
2020-		Wahings on Loverscing opportunities	Principal Scaratory Higher	10/04/2020	01
1	DI. H. K.Desai	for technology innegation and quality	and Tashnisal Education	10/04/2020	01
		for technology, innovation and quality			
		Education amidat Covid 10 randomia			
- n	Dr LI P. Dasai	Wahingr On Agriculture and affact of	Education Department	15/05/2020	01
	DI. II. K. Desal	Covid 19	GoG and SAUs of Cuinest	15/05/2020	01
2	Dr H P Dasai	Webingr on Logust: A serious threat to	Centre for Advance	20/05/2020	01
5	DI. II. K. Desal	Agriculture on Locust	Training plant Protection	23/03/2020	01
		Agriculture on Locust	CCSHAIL Harvana		
4	Dr U D Dagai	National Faculty Development	University Librory NAU	04/06/2020 +-	05
4	DI. II. K. Desal	Training Program	Naveari	04/00/2020 10	05
5	Dr LI P. Dasai	National wabinar on Emerging transfer	Inavorativ I ibrom P-	22/06/2020	01
5	DI. II. K. Desal	in scholarly publishing	Information Contro	23/00/2020	01
		In scholary publishing	Kornataka Vatarinary		
			Animal & Fisherias		
			Sciences University		
			Nondingger Dider		
			Ivanuniagar, Diuar,		
6	Dr U D Daca!	Wahings on "Addressing Coold 10	Natilalaka	15/07/2020	02
0	Dr. n. K .Desai	webinar on Addressing Covid 19	& Communication	13/07/2020	02
		future livelihood. A special factor to	& Communication and	& 16/07/2020	
		Cuioret	Deput of genetics and	10/07/2020	
		Gujarat	Fiant Dreeding in		
1			Association with Deptt. of		





Sr.	Name &	Details of Seminar/Symposium/	Place	Date	Duration
INO.	Designation	Conference	Agril Statistics CoA		
			NAU. Bharuch .		
7	Dr. H. R .Desai	Webinar on Biopesticides: Green technology in sustainable Agriculture	CoA, NAU, Bharuch	18/08/2020	01
8	Dr. H. R .Desai	NAHEP-CAAST, AAU webinar on Problems and Solutions of Kharif crops	PPAG & AAU, Anand	20/08/2020	01
9	Dr. H. R .Desai	Zoom meeting on Bt cotton in India: Myths and Realities (An Evidence Based Evaluation)	JATAN & ASHA	24/08/2020	01
10	Dr. H. R .Desai	Training on e-Kapas / Communications: Voice messages delivery under NFSM:CC: Cotton: IRM: PBWM	ICAR-CICR, Nagpur	01/09/2020	01
11	Dr. H. R .Desai	ASHA webinar series on Food, Farming and Farmers Uncultivated Foods	Alliance for Sustainable & Holistic Agriculture	04/09/2020	01
12	Dr. H. R .Desai	Bio-Tecknika sponsored free webinar on Celebrating 18 years of Bt cotton in India: Scientists & Farmers Meet	BioTechnika Info Labs Pvt. Ltd (E-certi& E-Books)	12/09/2020	01
13	Dr. G. R. Bhanderi Dr. R. D. Patel	National Symposium on "Cotton Production Technologies in the Next Decade: Problems & Perspectives"	Odisha University of Agriculture and Technology, Bhubaneswar, Odisha	22-24 January, 2020	03
14	Dr. G. R. Bhanderi	National Level Faculty Development Training Programme – "DIGICULT- Spreading Digital Culture to the Library Professional, Readers and Researchers"	Navsari Agricultural University, Navsari (Gujarat).	08 th to 12 th June, 2020	05
15	Dr. G. R. Bhanderi	National Webinar on Organic Forming	Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur (M.P.).	16-20 June, 2020	05
16	Dr. G. R. Bhanderi	National Webinar on "National Level Faculty Development Programme:SOWSEEKNOW-Sowing Seeds of Knowledge to Library & Information Professionals"	Navsari Agri. Uni., Navsari (Gujarat), Vasantro Naik Marathwada Krishi Vidyapeeth, Parbhani (Maharashtra) & Association of Agricultural Librarians and Documentalists of India (AALDI)	18 th to 22 nd June, 2020	05
17	Dr. G. R. Bhanderi	National Webinar on "Emerging Trends in Scholarly Publishing"	University Library & Information Centre, Karnataka Veterinary, Animal & Fisheries Sciences University Nandinagar	23 rd June, 2020	01
18	Dr. G. R. Bhanderi	"Recent Biotechnological Tools for Crop Improvement"	Advanced Post Graduate Centre, Acharya N.G. Ranga Agricultural Uni., Lam, Guntur(A.P.).	24 th June, 2020	01
19	Dr. G. R. Bhanderi	"Addressing covid-19 impact on food security, nutrition and future livelihood: A special focus to Gujarat"	College of Agriculture, Navsari Agricultural University, Campus Bharuch (Gujarat).	15 th to 16 th July, 2020	02
20	Dr. G. R. Bhanderi	International Web Conference on "Ensuring Food Safety, Security and Sustainability through Crop Protection"	Bihar Agricultural University, Sabour, Bhagalpur.	August 5-6, 2020	02
21	Dr. G. R. Bhanderi Dr. Rajkumar B.K.	National Webinar on "Biopesticides: Green Technology in Sustainable Agriculture"	College of Agriculture, NAU, Campus Bharuch (Gujarat).	18 th August, 2020	01
22	Dr. G. R. Bhanderi	A State Level Seminar on "Kharif pakomapaksanrakshan no	Plant Protection Association of Gujarat	25 th August, 2020.	01





Sr.	Name &	Details of Seminar/Symposium/	Place	Date	Duration
No.	Designation	Conference			
		pravartmanprashanoanenirakaran"	(PPAG) and AAU, Anand		
23	Dr. G. R. Bhanderi	International Web Conference on	Bihar Agricultural	August 5-6,	02
		"Ensuring Food Safety, Security and	University, Sabour,	2020	
		Sustainability through Crop Protection"	Bhagalpur.	th st	
24	Dr. G. R. Bhanderi	National Webinar on "Scope of	Department of Agronomy,	19 th -21 st	03
	Dr. Rajkumar B.K.	Agricultural Entrepreneurship	College of	August, 2020	
		Development"	Agriculture, NAU, Campus		
			Bharuch (Gujarat).	a – a th	
25	Dr. G. R. Bhanderi	Online workshop on "Microbial	College of Agriculture,	25-26 th	02
		intervention in Plant Health and	Navsari Agricultural	August, 2020	
		Nutrition"	University, Campus		
			Bharuch (Gujarat).	th	
26	Dr. G. R. Bhanderi	Online participated in the Virtual	Tamil Nadu Veterinaryand	27 th August,	01
		SensitizationProgramme on	Animal Sciences	2020	
		"Knowledge Management inthe	University Library,		
		Networked Digital Environment"	Chennai & Kerala		
			Veterinary and Animal		
			Sciences Uni., Pookode,		
			Wayanad, Kerala.	th	
27	Dr. G. R. Bhanderi	A State Level Seminar on	Plant Protection	25 th August,	01
		"KapasnaPakma Pak Sharakshan"	Association of Gujarat	2020.	
			(PPAG) and Anand		
			Agricultural Uni., Anand	-4	
28	Dr. R. D. Patel	National Webinar on "Webinar on	College of Community and	21 st June,	01
		Ergonomics and Psychological Issues	Applied Sciences,	2020	
		and coping during COVID-19	Maharana Pratap		
		Pandemic"	University of Agriculture		
			and Technology Udaipur,		
			Rajasthan		
29	Dr. R. D. Patel	Training on "Enterprenuership	College of Agriculture,	29^{tn} June to	05
		Development in Pest Management for	Iroisemba, Central	3 rd July	
		Youth"	Agricultural Univesity,		
			Imphal, Manipur	th	
30	Dr. R. D. Patel	National Webinar on "Challenges and	Bihar Agricultural	16 th July	01
		Recent Initiatives on Sustainable	University, Sabour,		
		Management on Fall Armyworm"	Bhagalpur	th	
31	Dr. R. D. Patel	National Webinar on "Future Prospects	All India Coordinated	28 th July,	01
		of Agriculture in India"	Research Project on Honey	2020	
			Bees and Pollinators and		
			Department of Agriculture,		
			UAS, GKVK, Bengaluru,		
			Karnataka	4	
32	Dr. R. D. Patel	A State Level webinar on "Kharif	Plant Protection	20 th August,	01
		pakomapaksanrakshannapravatmanpras	Association of Gujarat	2020	
		hno and nirakaran"	(PPAG) and Anand		
			Agricultural University,		
			Anand		
33	Dr. R. D. Patel	National webinar on "Recent Trends in	College of Horticulture,	27 th August,	01
		Horticultural Entomology"	SardharkrushinagarDantiw	2020	
			ada Agricultural		
			University, Jagudan	th	
34	Dr. R. D. Patel	Webinar on "Bio-Tecknika sponsored	BioTechnika Info Labs	12"	01
		tree webinar on Celebrating 18 years of	Pvt. Ltd	September,	
		Bt cotton in India: Scientists & Farmers		2020	
		Meet"		th	
35	Dr. R. D. Patel	A State Level webinar on	Plant Protection	16 ^m	01
		"Kapasnapakmapaksanrakshan"	Association of Gujarat	September,	
			(PPAG) and Anand	2020	
			Agricultural University,		
			Anand		
36	Dr. R. D. Patel	National webinar on "Management of	CSK Himachal Pradesh	22-24	03
1		biotic and abiotic stresses in protected	Krishi Vishvavidyalaya,	September,	


Sr.	Name &	Details of Seminar/Symposium/	Place	Date	Duration
INO.	Designation	agriculture"	Pamampur(HP)	2020	
37	Dr R D Patel	A State Level webinar on	Plant Protection	6 th October	01
0.	21110 211 000	"ShivaluSakbhajinapakomapaksanraks	Association of Gujarat	2020	01
		han"	(PPAG) and Anand		
			Agricultural University,		
			Anand		
38	Dr. R. D. Patel	National webinar on "Integrated	College of Horticulture,	22^{th}	01
		Disease Management in Horticultural	SardharkrushinagarDantiw	October,2020	
		Crops"	ada Agricultural		
20			University, Jagudan	20.21	02
39	Dr. R. D. Patel	Webinar on "Diagnostic and Remedial	College of Agriculture,	20-21 October 2020	02
		Application of Statistics"	Inavsari Agricultural University, Campus Bharuch	October,2020	
40	Dr R D Patel	A State Level webinar on	Plant Protection	27 th October	01
40	DI. R. D. I diel	"SieevKhetimapaksanrakshan"	Association of Guiarat	2020	01
		Sjeeviinennapaksannakshan	(PPAG). Guiarat Organic	2020	
			Agricultural University and		
			Anand Agricultural		
			University, Anand		
41	Dr. P. B. Sandipan	Actively participated in an International	School of Sciences, P. P.	25 th July,	01
		Webinar on "Bridging the gap-opening	Sawani University, Surat.	2020	
L	D D D C	up large volumes to Nanotechnology"		a oth a -	~ ~
42	Dr. P. B. Sandipan	Actively participated in the National	School of Sciences, P. P.	$28^{\rm m}$ July,	01
		Webinar on "ADVANCED	Sawani University, Surat.	2020	
42	D. D. D. C. I'm	SUSTAINABILITY ASSESSMENT"	Description of Arrivelle	29.1.1. 2020	01
43	Dr. P. B. Sandipan	Participated in the National Webinar on Euture Prospects of Apiculture in India	LIAS CKVK Poncelum	28 July, 2020	01
		Future Flospects of Apiculture in India	VAS, UK VK, Beligalulu, Karnataka		
44	Dr P B Sandinan	Successfully participated in the	Department of Plant	July 29, 2020	01
	Dr. Raikumar B.K.	National Webinar on "Current, status,	Pathology, College of	July 29, 2020.	01
	211 14914	Challenges & Future Prospects of Plant	Agriculture. Swami		
		Diseases"	Keshwanand Rajasthan		
			Agricultural Uni., Bikaner		
45	Dr. P. B. Sandipan	Participated in the National Webinar on	GREEN ACADEMY &	July 30, 2020	01
		"SCIENTIFIC APPROACH TO PEST	Alliance for Sustainable		
		MANAGEMENT : SHIFT FROM	and Holistic Agriculture		
		MOLECULES TO MANAGEMENT	(ASHA).		
1.6		SYSTEM"		05.4	01
46	Dr. P. B. Sandipan	Participated in the webinar Meet on	ICAR on National	05 August,	01
		Anar Utpaaan Aur MulayaSavaranan	Research Centre on	2020	
		. Auuniki uknik	Solapur (MS)		
47	Dr. P. B. Sandipan	Attended National Webinar on	Seed Spices Research	04 th August.	01
. ,		"RECENT ADVANCES IN SEED	Station, SDAU, Jagudan	2020.	~-
		SPICES PRODUCTION"	, , , , , , , , , , , , , , , , , , , ,		
48	Dr. P. B. Sandipan	Participated in the "International Web	Bihar Agricultural	August 5-6,	02
		Conference on Ensuring Food Safety,	University, Sabour,	2020.	
		Security and Sustainability through	Bhagalpur		
		Crop Protection"		o eth	
49	Dr. P. B. Sandipan	Successfully participated in National	Dr. Rajendra Prasad	06 th August,	01
		Webinar on "Agri-Planning for	Central Agricultural	2020.	
		Disaster Times: Floods and COVID	enversity, Pusa		
50	Dr P R Sandinan	Attended a Webinar on "Bionesticidas:	College of Agriculture	18 th August	01
50	Di. i . D. Sanuipan	Green Technology in Sustainable	NAU. Bharuch	2020	01
		Agriculture"		2020.	
51	Dr. P. B. Sandipan	Participated in One Dav Online	PPAG and AAU, Anand	20 th August.	01
	·····r	Webinar on "Kharif		2020.	-
		pakomapaksanrakshannapravartmanpr			
		ashnoanenirakaran"			
52	Dr. P. B. Sandipan	Attended Webinar on Bt Cotton in	Alliance for Sustainable &	August 24,	01
		India: Myths and Realities (An	Holistic Agriculture	2020	



Sr.	Name &	Details of Seminar/Symposium/	Place	Date	Duration
No.	Designation	Conference			
52	Dr. D. D. Candinan	Evidence based Evaluation)	(ASHA).	25.26 th	02
55	Dr. P. B. Sandipan	workshop on "Microbial Interventions in Plant Health and Nutrition"	NAU, Campus Bharuch (Gujarat) India	August, 2020.	02
54	Dr. P. B. Sandipan	Attended a National Webinar on "ENTERPRENEURSHIP AS A CAREER FOR YOUTH"	Department of Commerce and Dept. of Human Resource Management in association with IQAC, Golaghat Commerce College, Jyoti Nagar, Golaghat, Assam–785 621	26 th August, 2020.	01
55	Dr. P. B. Sandipan	Participated in the "National Web Conference on: Mushroom Production: An Emerging Avenue for Rural Youth and Self Employment"	Bihar Agricultural University, Sabour, Bhagalpur	August 26 and 27, 2020.	02
56	Dr. P. B. Sandipan	Successfully participated in the National Webinar on "RECENT TRENDS IN HORTICULTURAL ENTOMOLOGY"	Department of Plant Protection, College of Horticulture, SDAU, Jagudan	27 th August, 2020.	01
57	Dr. P. B. Sandipan	Attended a National Webinar on "CHANGING DIMENSION AFTER PANDEMIC"	Department of Accountancy in association with IQAC, Golaghat Commerce College	29 th August, 2020.	01
58	Dr. P. B. Sandipan	Participated in the "National Webinar on Sustainable Pest Management of Organic Banana: Need of Climate Smart Agriculture"	Bihar Agricultural University, Sabour, Bhagalpur	August 31, 2020.	01
59	Dr. P. B. Sandipan	Participated in the National Webinar on "Entrepreneurship opportunities in processing of fruits & vegetables of the arid region"	Department of Post Harvest Technology, College of Horticulture, SDAU, Jagudan	2 nd September, 2020.	01
60	Dr. P. B. Sandipan	Participated in the "National E- workshop on Current Scenario of Post Graduation Research in Agriculture Sector"	the aegis of World Bank- ICAR Funded National Agricultural Higher Education Project (NAHEP), Swami Keshwanand Rajasthan Agricultural University, Bikaner (Raj.)	September 9- 11, 2020.	02
61	Dr. P. B. Sandipan	Participated in the Webinar titled "High Impact Online Lectures"	Government Polytechnic College, Barmer, Rajasthan.	September 15, 2020	01
62	Dr. P. B. Sandipan	Participated in One Day Webinar on "KapasnaPakma Pak Sharakshan"	PPAG and AAU, Anand	16 th September, 2020.	01
63	Dr. P. B. Sandipan	Participated in Webinar on Floriculture to Sustain Farmers Income Amid Pandemic	Don Bosco College of Agriculture, Sulcorna, Quepem, Goa, India.	22 nd September, 2020	01
64	Dr. P. B. Sandipan	Participated in the "International Web Conference on Advances in Integrated Aqua farming for Sustainable Rural Development AIASRD-2020"	Bihar Agricultural University, Sabour, Bhagalpur	29-30 September, 2020	02
65	Dr. P. B. Sandipan	Attended a Webinar on "Underutilized fruits: Converting Wastelands in to Goldmine"	Department of Horticulture at College of Agriculture, NAU, Campus Bharuch	30 th September, 2020	01
66	Dr. P. B. Sandipan	Participated in One day Webinar on "ShiyaluShakbhajinaPakoma Pak Sanrakshan"	PPAG and AAU, Anand	06 th October, 2020	01
67	Dr. P. B. Sandipan	Actively participated in the International E-Conference on "Multidisciplinary approaches for plant disease management for achieving sustainability in agriculture"	Department of Plant Pathology, College of Horticulture, Bengaluru, (University of Horticultural Sciences, Bagalkot), India	6-9 th October, 2020	04





Sr.	Name &	Details of Seminar/Symposium/	Place	Date	Duration
No.	Designation	Conference			
68	Dr. P. B. Sandipan	Participated in the Online Lectures on	ICAR-National	Oct 07, 2020	01
		"Regulatory environment for safe use	Agricultural Higher		
		of Agrochemicals in India	Education Project		
		&Underutilized foods for enhancement	(NAHEP) and Centre for		
		of food and nutritional security	Advanced Agricultural		
			Science & Technology		
			(CAASI) on "Secondary		
			Agriculture by NAU,		
60	Dr. D. D. Sandinan	Dortigingtod in the National Wahings on	Navsall.	22 nd Ostobar	01
09	DI. F. D. Sanuipan	"Integrated Disease Management in	Protection College of	22 October,	01
		Horticultural Crops"	Horti SDAU Jagudan	2020	
70	Dr P B Sandinan	Participated in One Day Online	PPAG Gujarat Organic	27 th October	01
70	DI. I. D. Sanaipan	Webinar on "Saieev Khetima Pak	Agricultural University and	2020	01
		Sanrakshan"	AAU. Anand	2020.	
71	Dr. P. B. Sandipan	Participated in Online workshop on	Department of Plant	03 rd	01
	Dr. Rajkumar B.K.	"HPTLC Technique and its	Molecular Biology and	November,	-
	5	Applications in Agriculture"	Biotechnology, ASPEE	2020	
			College of Horticulture and		
			Forestry, NAU, Navsari		
72	Dr. P. B. Sandipan	Participated in the Webinar on	Indian Society of Soil	09 th	01
		"ShiyaduPakoma Poshan Vayvastha"	Science, Anand Chapter	November,	
			and Centre for Agricultural	2020	
			Market Intelligence,		
			NAHEP-CAAST, AAU,		
70			Anand		01
73	Dr. P. B. Sandipan	Actively participated in the National	The Department of Plant	November	01
		Webinar on Management of Root rot	Pathology, PG College of	24. 2020	
74	Dr. D. D. Sandinan	Astively perticipated in the National	Agriculture	17 th	01
74	DI. F. D. Sanuipan	Webinar series on Recent molecular	Achai ya N.G. Kanga Agricultural University	17 December	01
		approaches for plant disease diagnosis-	S V Agricultural College	2020	
		I"	Tirupati	2020	
75	Dr. Raikumar	Stress management for performance	Director of Student's	11 th October.	01
		improvement	Welfare, NAU, Navsari	2020	-
76	Dr. Rajkumar B.K.	National Webinar on Biotechnological	Bihar Agricultural	07 th August,	01
		Interventions for Improvement of Pulse	University, Sabour,	2020	
		crops	Bhagalpur		
2021-	-22				
77	Dr. H. R. Desai, Dr.	Orientation workshop, NFSM:CC:	Virtual Meet	30/07/2021	01
	G. R. Bhanderi and	Cotton: IRM: PBWM			
70	Dr. R. D. Patel			07/09/2021	01
/8	Dr. H. K. Desal, Dr.	and discusses problem in Indian	Unime mode	07/08/2021	01
	\mathbf{U} , \mathbf{K} , Differentiated and $\mathbf{D}_{\mathbf{r}}$, \mathbf{R} , \mathbf{D} , \mathbf{D}_{otal}	A griculture:			
70	Dr. H. P. Daroi Dr.	Monthly meeting of NESMCC:	Video	23/00/2021	01
17	G R Bhanderi and	Cotton IRM PRWM	conferencing	23/03/2021	01
	Dr. R. D. Patel				
80	Dr. H. R. Desai. Dr.	Webinar on Insecticide Resistance	RCRS, Bharuch	13/10/2021	01
	G. R. Bhanderi and	Management (Live demonstration of			~-
	Dr. R. D. Patel	release of trichocard)			
81	Dr. H. R. Desai, Dr.	State level seminar on Maintenance of	Central Examination Hall,	30/12/2021	01
	G. R. Bhanderi and	the quality and safety of horticultural	NAU, Navsari		
	Dr. R. D. Patel	and food crops through Biological			
		Control of Pests and Diseases			
82	H. R. Ramani	4 th International conference on	(Online)	26-28 th	3 days
	Assistant Research	"Global Approaches in Natural	Shobhit Deemed	February,	
	Scientist	Resource Management for Climate	University, Modipuram,	2021	
	(Biochemistry)	Smart Agriculture (GNRSA- 2020)	Meerut, UP, India		
00		during Pandemic Era of COVID-19"		1 22	1 1
83	H. K. Kamani	National Webinar on "Pesticide	Unline mode	January 23,	I day
	Assistant Research	Residue management: Indian Scenario"		2021	



Sr.	Name &	Details of Seminar/Symposium/	Place	Date	Duration
No.	Designation	Conference			
	Scientist	organized by NAHEP-CAAST, NAU,			
0.4	(Biochemistry)	Navsari, Gujarat, India.			1.1
84	H. R. Ramani	National Webinar on Pesticide	Online mode	January 23,	I day
	Assistant Research	Residue management: Indian Scenario"		2021.	
	Scientist	organized by NAHEP-CAASI, NAU,			
05	(Biochemistry)	Navsari, Gujarat, India	Online mode	August 26	2 dava
85	П. К. Kallialli Assistant Pasaarah	in Sustainable Management of Natural	Omme mode	August 20-	2 days
	Scientist	In Sustainable Management of Natural Desources For Foodand Nutritional		27, 2021	
	(Biochemistry)	Security" organized by Department of			
	(Bioenennistry)	Soil Science and Agricultural			
		Chemistry: Dept. of Agro. N. M.			
		College of Agriculture in association			
		with Indian Society of Soil Science,			
		Navsari Chapter			
86	H. R. Ramani	E-quiz on "Life Science Deals Insights:	Online mode	5th	1 day
	Assistant Research	Plants and Animals" organized by		September,	
	Scientist	Department of Biochemistry, B.A.		2021	
	(Biochemistry)	College of Agriculture, Anand			
~ -		Agri. Uni., Anand (Gujarat), India			
87	H. R. Ramani	Online webinar "Role of Micro-	Online mode	5 th July, 2021	I day
	Assistant Research	organized by Swami			
	(Biochemistry)	KeshyanandRajeshtan Agriculture			
	(Diochennistry)	University Bikaner			
88	H. R. Ramani	One day online Faculty Development	Online mode	January 21.	1 dav
00	Assistant Research	Program on Quality Enhancement in		2021	1 000
	Scientist	Higher Education organized by Internal			
	(Biochemistry)	Quality Assurance Cell (IQAC)			
		Gujarat University			
89	Dr. Rajkumar B. K.	Interactive session on awareness rising	Online mode	30th	1 day
		for researchersorganized by the		December,	
		Department of Biotechnology, GOI		2021	
90	Dr. Rajkumar B. K.	Advances in Sustainable Management	Online mode	August 26-	2 day
		of Natural Resources For Food and		27, 2021	
		Nutritional Security organized by			
		Agricultural Chamistry: Department of			
		Agronomy N M College of			
		Agriculture in association with Indian			
		Society of Soil Science, Navsari			
		Chapter; Indian Society of Agronomy,			
		Navsari, CAAST, NAU, Navsari			
		(Gujarat) under NAHEP, ICAR, New			
		Delhi			
91	Dr. Rajkumar B. K.	Stress management for performance	Online mode	October 11,	1 day
		improvement organized by Directorate		2020	
		of Student's Welfare, Navsari			
02	Du Dail-	Agricultural University, Navsari	Online me 1-	10 21 st	2 1-
92	Dr. Kajkumar B. K.	Development organized by Department	Omme mode	$19 - 21^{20}$	5 day
		of Agronomy College of Agriculture		August 2020	
		Navsari Agricultural University			
		Campus Bharuch			
93	Dr. Rajkumar B. K.	Biopesticides: Green Technology in	Online mode	18 th August	1 dav
	,	Sustainable Agriculture". organized by		2020	
		College of Agriculture, Navsari			
		Agricultural University, Campus			
		Bharuch			
94	Dr. Rajkumar B. K.	Addressing COVID-19 impact on food	Online mode	$15 - 16^{th}$ July	2 day
		security, nutrition, and future		2020	
		livelihood: special focus to Gujarat			





Sr.	Name &	Details of Seminar/Symposium/	Place	Date	Duration
No.	Designation	Conference			
		organized by College of Agriculture,			
		Campus Bharuch			
		Campus Dharuch			
95	Dr. P. B. Sandipan	Secondary Agriculture for Agricultural	Online mode	9 th April 2021	1 day
		Income Enhancement" organized by			
		Department of Horticulture, Rajasthan			
		College of Agriculture, Maharana			
		Pratap University of Agriculture &			
		IDP NAHEP (ICAR) New Delbi			
96	Dr P B Sandinan	IDP-NAHEP sponsored International	Online mode	16 th April	1 dav
10	Dirit	Webinar on "Climate Resilient		2021	1 duy
		Agriculture for Food and Health			
		Security" organised by Department of			
		Agronomy, Rajasthan College of			
		Agriculture, Maharana Pratap			
		University of Agriculture &			
		rechnology, Odarpur (Rajasulari)			
97	Dr. P. B. Sandipan	National Webinar on "Beekeeping:	Online mode	20-21 st Mav.	2 days
	1	Opportunities and Challenges" organized		2021	5
		by AICRP (Honeybee and Pollinator),			
		University of Agricultural Sciences and			
		Technology of Jammu, J&K (UT)			
98	Dr. P. B. Sandipan	Best Parenting Tips During Covid-19	Online mode	29 th May	1 day
		by Parikshit Jobanputra organized by		2021	
		Career Counseling & Placement Cell			
		(CCPC) Maharaja Ganga Singh			
00	Dr. P. B. Sandinan	Effective and Improved Techniques of	Online mode	11 th June	1 day
77	DI. F. D. Sanuipan	Sovbean Production organized by	Omme mode	2021	1 uay
		Directorate of Research. Agricultural		2021	
		Research Station, Ummedganj, Kota			
100	Dr. P. B. Sandipan	Cold Chain Technologies,	Online mode	17 th June,	1 day
		Convergence and Capacity Building		2021	
		organized by ASSOCHAM, The			
		Associated Chambers of Commerce			
		110001			
101	Dr. P. B. Sandipan	MADHMAKHI PALAN jointly	Online mode	19-20 th June,	2 days
-	· · · · · · · · · · · · · · · · · · ·	organized by Department of		2021	
		Agricultural Entomology, B. A.			
		College of Agriculture, AAU, Anand			
102		and NAHEP-CAAST, AAU, Anand		oth to a coar	1 1
102	Dr. P. B. Sandipan	Role of Microorganisms in Resilient	Online mode	5 July, 2021	I day
		Agriculture under the Aegis of World Bank-ICAR Funded National			
		Agricultural Higher Education Project			
		(NAHEP) organized by Swami			
		Keshwanand Rajasthan Agricultural			
		University, Bikaner (Raj.)			
103	Dr. P. B. Sandipan	Opportunities for Innovation and	Online mode	13 th July,	1 day
		Entrepreneurship in Agriculture		2021	
		organized by University Student Start-			
		NAHEP-CAAST sub-project NAU			
		Navsari			
104	Dr. P. B. Sandipan	Role of Legumes and Pulses in Sustainable	Online mode	17 th July,	1 day
		Cropping System of Hot Arid Zone" under		2021	-
		the Aegis of World Bank-ICAR Funded National Agricultural Higher Education			
	1	manonal righteununal mighter Euucation		1	1



Sr.	Name &	Details of Seminar/Symposium/	Place	Date	Duration
No.	Designation	Conference			
		Project (NAHEP) organized by Swami Keshwanand Rajasthan Agricultural			
		University, Bikaner (Rai.)			
105	Dr. P. B. Sandipan	Polyhouse napakoma rog-	Online mode	23 rd July,	1 day
	1	jivatvyavsthapan jointly organized by		2021	5
		Department of Plant Pathology, Agril			
		Entomology and Nematology, B. A.			
		College of Agriculture and NAHEP-			
		CAAST, AAU, Anand		4	
106	Dr. P. B. Sandipan	Capacity Building Series Knowledge	Online mode	5 th August,	1 day
		Session" with Mr. Saurabh Kaushik,		2021	
		india's Premier Business Coach			
		Associated Chambers of Commerce			
		and Industry of India. New Delhi-			
		110001			
107	Dr. P. B. Sandipan	Invasive Pests and Diseases Problem in	Online mode	7 th August,	1 day
		Indian Agriculture" jointly organized by the		2021	2
		Dept. of Ento. and Plant Pathology, N. M.			
		Conege of Agriculture, NAO, Navsari			
108	Dr. P. B. Sandipan	Recent Advances in Production	Online mode	9 th August,	1 day
	1	Technology and Value Addition of		2021	5
		Coconut" organized by AICRP-Palms,			
		Regional Horticultural Research			
		Station and ASPEE College of			
		Horticulture and Forestry, NAU,			
100	D. D. D. C. I'm	Navsari		10 th A	1.1.
109	Dr. P. B. Sandipan	(EDOs) in Linking Formers to Markets	Online mode	12 August,	1 day
		organized by ASPEE Agribusiness		2021	
		Management Institute (AABMI)			
		NAU, Navsari			
110	Dr. P. B. Sandipan	Severe Acute Malnutrition organized	Online mode	12 th August,	1 day
	-	by ASSOCHAM, The Associated		2021	-
		Chambers of Commerce and Industry			
		of India, New Delhi- 110001		, the	
111	Dr. P. B. Sandipan	Capacity Building Series Knowledge	Online mode	16 th Septembe	1 day
		Sessions on Digital Marketing Part 1		r, 2021	
		Associated Chambers of Commerce			
		and Industry of India New Delhi-			
		110001			
112	Dr. P. B. Sandipan	Capacity Building Series Knowledge	Online mode	24 th	1 day
	1	Sessions on Digital Marketing Part 2		September,	5
		organized by ASSOCHAM, The		2021	
		Associated Chambers of Commerce			
		and Industry of India, New Delhi-			
110				oth o + 1	1 1
113	Dr. P. B. Sandipan	Capacity Building Series Atmanifohar Rhamat Maying Towards Salf Paliant	Online mode	8 th October,	I day
		India – Leadership Session with		2021	
		Accomplished Women organized by			
		ASSOCHAM, The Associated			
		Chambers of Commerce and Industry			
		of India, New Delhi- 110001			
114	Dr. P. B. Sandipan	Capacity Building Series Atmanirbhar	Online mode	29 th	1 day
		Bharat Moving Towards Self Reliant		November,	
		India – Leadership Virtual Session with		2021	
		Ms. Palak Mehta (Founder & CEO,			
		vegan First) on November 29, 2021			
		Associated Chambers of Commerce			
1	1	Associated Chambers of Commerce		1	





Sr.	Name &	Details of Seminar/Symposium/	Place	Date	Duration
No.	Designation	Conference			
		and industry of india, New Deini-			
115	Dr. P. B. Sandinan	Maintenance of the Quality and Safety	Pesticide Residue	30 th	1 day
115	DI. I. D. Sandipan	of Horticultural and Food Crops	Analysis NMCA NAU	December	1 day
		through Biological Control of Pests and	Navsari. Sponsored by	2021	
		Diseases	NAHEP-CAAST, NAU,		
			Navsari		
116	Dr. P. B. Sandipan	Faculty Development Program on	Faculty of Agriculture, Sri	8 th January,	1 day
		"Tasar Sericulture: A Livelihood for	Sri University, Cuttack,	2022	
		Tribal Population of India"	Odisha-754 006.		
2022-	-23			at	
117	Dr. P. R. Parmar	UGC-SAP and DST-FIST sponsored	Department of Biosciences,	30-31 st	2 days
		International Conference on Path and	Veer Narmad South	July2022	
		Prospects in Applied Biosciences	Gujarat University, Surat,		
118	Dr P R Parmar	5 th Plant Science Researchers Meet:	PLANTICA Association of	Online	2 days
110	Dr. Raikumar B. K.	National Conference on Agriculture.	Plant Science Researchers	18–19	2 duys
	· · - · · · · · · · · · · · · · · ·	Applied and Life Science: Current	(APSR) Dehradun,	November,	
		Research	Uttarakhand, India	2022	
119	Dr. D. H. Patel	National Symposium on Paradigma	Maharana Pratap	8 - 10	3 days
	Dr. Rajkumar B.	shift in Cotton Cultivation	University of Agriculture	August, 2022	
	K.Dr. H. R. Ramani		and Technology, Udaipur –		
	Dr. V. K. Vekariya		313 001		
120	Dr. D. H. Patal	Emerging Innovations in Plant	Department of PMBB	22 nd and 23^{rd}	2 dave
120	Dr. Raikumar B K	Molecules for Achieving Food and	ACHE NAU Navsari &	September	2 uays
	Dr. H. R. Ramani	Nutritional Security (EIPMAFNS-	Division of Biochemistry.	2022	
	Dr. V. K. Vekariya	2022)	ICAR-IARI, New Delhi in		
			association with Society		
			for Plant Biochemistry and		
			Biotechnology, New Delhi		
121	Dr. H. R. Desai,	Cotton Technical Program Meeting of	Seminar Hall, Cotton	26/04/2022	1 day
	Dr. G. R. Bhanderi	the SAUs of Gujarat	Research Station, JAU,		
122	Dr. H. P. Dosoi	Online Meet on Guidence of Deducting	Googla most	02/05/2022	1 day
122	DI. II. K. Desai	Tax on GPE income of	Google meet	02/03/2022	1 uay
123	Dr. H. R. Desai.	Khedut Din-Sorghum	Maheswari Bhawan.	05/05/2022	1 dav
	Dr. G. R. Bhanderi		Research Scientist		
	Dr. R. D. Patel		(Sorghum), MSRS, NAU,		
			Surat 272, Science City		
			Road, Surat		
124	Dr. H. R. Desai,	Fourth Meeting of Post Graduate	Dept. of Entomology and	06/05/2022	I day
	Dr. G. K. Bhanderi Dr. P. D. Potol	Research Approval Group (PGRAG) of Plant Protoct	Plant Pathology, NMCA,		
125	Dr. H. R. Desai	Software training	Central Examination Hall	16/06/2022	1 dav
125	Dr. H. R. Desai	26th IBSC of NAU	Hybrid mode	22/06/2022	1 day
120	Dr. H. R. Desai	27th IBSC of NAU	Video Conferencing	27/12/2022	1 day
128	Dr. H. R. Desai.	Participate and poster presentation of	MPUAT, Udaipur	8-10/08/2022	3 days
_	Dr. G. R. Bhanderi	research paper in National Symposium	, r		
	Dr. R. D. Patel	on "Validation of IPM module for			
		management of pink bollworm			
		(Pectinophoragossypiella Saunders) in			
100		Bt cotton"		10/01/2022	1 1
129	Dr. H. R. Desai,	Participation in 5th meeting of PGRAG	Navsari	19/01/2023	I day
	Dr. G. K. Bhanderi Dr. R. D. Potol	(Crop Protection) at NAU, Navsari			
130	Dr. K. D. Falel	Brain Storming Workshop antitled	NAU Navsari	09/02/2023	1 dav
150	Di. K. D. Sailkat	Natural Resource Management for	11110, 110,0011	07/02/2023	i uay
		Sustainable Livelihood Security			
131	P. B. Sandipan	Capacity Building Series Atmanirbhar	Online, virtual	February 05,	Half day
	Asstt. Res. Sci.	Bharat Moving Towards Self Reliant		2022	



Sr.	Name &	Details of Seminar/Symposium/	Place	Date	Duration
No.	Designation	Conference			
	Plant Pathology	India- Virtual Training Session on			
		Emotional Intelligence and			
		Communication Skill for Effective			
122	D D Condinon	Consoity Puilding Spring Atmonirhhor	Online virtuel	Echmony 14	Holf dov
152	P. D. Sanuipan	Bharat Moving Towards Salf Baliant	Omme, virtuai	2022	Hall day
	Plant Pathology	India- Virtual Training Session on		2022	
	r lant r athology	Emotional Intelligence and			
		Communication Skill for Effective			
		Performance Part 2			
133	P. B. Sandipan	Investing in Adolescent Nutrition and	Online, virtual	February 25,	Half day
	Asstt. Res. Sci.	Health: A Call to Action		2022	-
	Plant Pathology				
134	P. B. Sandipan	Prakrik Krishi Pak Saraksan	AAU, Anand	05 April,	Full day
	Asstt. Res. Sci.			2022	
	Plant Pathology			th	
135	P. B. Sandipan	Citrus: Production is not enough-A	Online, Sonipat	11 th April,	Full day
	Asstt. Res. Sci.	wakeup call on Post harvest Handling,		2022	
	Plant Pathology	Processing Technology and Value			
136	D B Sandinan	Emorging Agricultural Markating	Online virtuel	20^{th} and 30^{th}	Two days
130	Asstt Res Sci	Trends and Challenges	Omme, virtuar	29 and 30 April 2022	1 wo days
	Plant Pathology	Trends and Chanenges		April, 2022	
137	P B Sandinan	Satellite Farming	Online virtual AAU	09^{th} and 10^{th}	Two days
107	Asstt. Res. Sci.		Anand	May. 2022	1 o auj 5
	Plant Pathology				
138	P. B. Sandipan	Paradigm Shift in Cotton Cultivation	Udaipur	08-10	Three
	Asstt. Res. Sci.		-	August, 2022	days
	Plant Pathology			-	-
139	P. B. Sandipan	Emerging Innovations in Plant	NAU, Navsari	22-23	Two days
	Asstt. Res. Sci.	Molecules for Achieving Food and		September,	
	Plant Pathology	Nutritional Security		2022	
140	Dr.M.M.Patel	National Conference on "Innovative	Navsari	October 13-	3 days
	Associate Research	Resource Management Approaches for		15, 2022	
	Scientist (Agronomy)	Coastal and Inland Ecosystems to			
	(Agronomy)	Besilience " organized by NAU			
		Navsari Gujarat			
141	Dr. H. R. Desai	IAMINIANYA ROG –	PPAG and Junagadh	24th	1 dav
	Dr. G. R. Bhanderi	JIVATTONU SANKAL IT	Agricultural University,	February,	
	Dr. P. B. Sandipan	NIVANTRAN" state level seminar	Junagadh at JAU,	2023	
	Dr. R. D. Patel	ivi i zivi vi vi state i ever seminar	Junagadh.		
2023	-24				
142	Dr. H. R. Desai	28 th Meeting of IBSC NAU	NAU, Navsari (Virtual	June 19, 2023	1 day
	Dr. G. R. Bhanderi		mode) organized by		
	Dr. R. D. Patel		Member Secretary, IBSC		
1.42	D. D. I		NAU, Surat		1.1.
143	Dr. Kajkumar B. K.	Awareness program on NABL	NABL, Haryana	3 rd Sep.2023	1 day
144	Dr. P. B. Sandinan	Accreditation and its benefits	Plant Protection	30.09.2023	1 day
144	DI. I. D. Sandipan	Ane Bazar Vayyasthanan Samasya Ane	Association of Guiarat	50.07.2025.	1 day
		Samadhan"	(PPAG). Anand on		
145	Dr. P. B. Sandipan	Participated in the 5 th International	G. H. Raisoni University.	05-07 Oct	3 davs
-		Conference "Global Insights on	Saikheda (MP) JUST	2023	···· <i>j</i> ~
		Research and Development in	AGRICULTURE		
		Agriculture, Horticulture and Allied	EDUCATION GROUP &		
		Sciences"	AEEFWS, Chandigarh at		
			G. H. Raisoni University,		
	N W W W W		Saikheda (MP).		
146	Dr. V. K. Vekariya	National conference on Transformation	CoA, NAU, Waghai	12-14 Oct,	3 days
	Dr. G. U. Faldu	of Agro technologies for enhancing		2023	
	FIOL D. WI. Patel	production under diverse Agro-			



Sr.	Name &	Details of Seminar/Symposium/	Place	Date	Duration
No.	Designation	Conference			
	Dr. H. R. Desai	Ecosystem oraganised			
	Dr. G. K. Dilanderi Dr. R. D. Patel				
	Dr P B Sandipan				
	Dr. M. M. Patel				
	Dr. P. S. Patel				
	Dr. K. B. Sankat				
147	Dr. H. R. Desai	Rabi Krushi Mahotsav	Bhatlai, Tal. Choryasi	November	2 days
	Dr. G. R. Bhanderi		organized by State	24-25, 2023	
	Dr. R. D. Patel	4	Deptt. Agriculture	de de	
148	Dr. P. R. Parmar	9 th Asian Cotton Research and	Indian Society for Cotton	$06^{\text{m}} - 08^{\text{m}}$	3 days
	Dr. Rajkumar B. K.	Development Network meeting &	Improvement (ISCI),	December,	
	Dr. K. B. Sankat	International Conference	Mumbai India	2025.	
	Dr. M. C. Patel		Withibai, India		
	Dr. H. R. Desai				
	Dr. H. R. Ramani				
	Dr. G. R. Bhanderi				
	Dr. R. D. Patel				
140	Dr. D. P. Sandinan	Attended 1st International Acriaulture	Guiarat Natural Forming	21 26th	2 days
149	DI. F. D. Sanaipan	Conference on "NATURAL V/S	and Science University	24-2001 December	5 uays
		ORGANIC FARMING IN:	Anand, Hindustan	2023	
		CONTEXT TO BHARATIYA	Agricultural Research		
		AGRICULTURE"	Welfare Society and		
			IIMTU, Meerut Held by		
			Hybrid Mode, Bagadpur		
			Krishi Bhavan, NH 24, Dalhi Boad, Moradahad		
			(UP) 244 01		
150	Dr. Rajkumar B. K.	International Conference on Impact of	NAU, Navsari, Gujarat and	28 to 30	3 days
	Dr. P. B. Sandipan	Climate Changes on Global Food,	NADCL, Baramulla, UT of	December,	
		Livestock, Livelihood and	J&K in collaboration with	2023	
		Environmental Security, Advanced	ICAR-NAHEP, Centre for		
		(ICCGELLES-2023)	Science & Technology		
			(CAAST), NAU, Navsari		
			held at Main Campus,		
			Navsari Agricultural		
			University, Navsari,		
1.7.1			Gujarat.	anth a st	2.1
151	Dr. P. R. Parmar	Advances in Sustainable Approaches	Department of Biotochnology Voor	29^{-31}	3 days
	Scientist	for Biological Sciences	Narmad South Guiarat	January, 2024	
	(Microbiology)		University, Surat, Gujarat,		
			India		
2024	-25				
152	Dr. K. B. Sankat	State level Seminar on "Amrutkalma	Ahmedabad	31/08/2024	1 day
	Dr. V. K. Vekariya	Krusni DedeshoneDresensekereneneMulveverd			
		han" organized by Guiarat Asociation			
		of Agriculture Sciences, Ahmedabad			
153	H. R. Ramani	International conference on Innovative	KVK, CCARI, ELA Old	November,	3 days
	Dr. K. B. Sankat	technologies for Research and	Goa	13-15, 2024	
	Dr. Rajkumar B. K.	development for sustainable production			
1 = 4	Dr. P. S. Patel	ot cotton, oilseeds and fibre crops		29.20	2.1.
154	Dr. P. S. Patel	ISWS Biennial Conference on "Climate smar Wood Management for	Banaras Hindu University, Varanasi Uttar Produch	28-30 November	3 days
		Global Food Security" organized by	v araması, Uttar Frauesii	2024	
		BHU, Varanasi. Uttar Pradesh		2024	
155	Dr. K. B. Sankat	International Conference on	JAU, Junagadh	23 to 24	2 days
		Trailblazing Trends in Sustainable		January, 2025	5



Sr.	Name &	Details of Seminar/Symposium/	Place	Date	Duration
No.	Designation	Conference			
		Climate-Resilient Precision Agriculture through Artificial Intelligence and Remote Sensing organized by Junagadh Agricultural University, Junagadh			
156	Dr. V. K. Vekariya	XVI I IVasantrao Naik Memorial National Seminar on Interventions of Climate Resilient Technologies for Regeneration of Farming Systems	PDKV, Akola	March 11-12, 2025	2 Days
157	Dr. Prashant B. Sandipan	2 nd International Agriculture Conference on "Natural Farming Innovations: Enhancing Soil Health and Seed Quality with AI and Drones for a Greener Agricultural Future"	Organized by Gujarat Natural Farming and Science University, Halol, Indian Society of Genetics and Plant Breeding, ICAR, Hindustan Agricultural Research Welfare Society, Agra, Southern Federal University, Russia, Cambridge International Agricultural Organization, CIAO, CIMMYT and others Held by Hybrid Mode, Hansraj College, University of Delhi, 110 007.	3-5 th November, 2024 (Online miode)	3 days
158	Dr. Prashant B. Sandipan	National Training Programme cum Poster Presentation on the subject "Agriculture – Sustainable & Profitable Venture for Farmers"	The Department of Agriculture, 360 Research Foundation from at Mathura, Narkatiaganj, Bihar, India in Hybrid mode.	23 rd to 25 th December, 2024	3 days

PARTICIPATION IN SUMMER/WINTER SCHOOL/REFRESHER COURSE

Sr.	Name & Designation	Details of Summer/Winter	Place	Date	Duration
No.		school			
2016-17					
1.	Dr. V. K. Vekariya	Genomics and Phonemics for	ICAR-National Research	01-21/09/2016	21 Days
	Assistant Research	enhancement of crop nutrient	Centre on Plant		
	Scientist (Biochem.)	use efficiency	Biotechnology, IARI, New		
	MCRS, NAU, Surat		Delhi		
2.	Shri. K. B. Sankat	Agro ecological Strategies	University of Agricultural	01-21/12/2016	21 Days
	Assistant Research	for Designing Sustainable	Sciences (UAS), Raichur,		
	Scientist (Agronomy),	Farming Systems	Karnataka		
	MCRS, NAU, Surat				
3.	Dr. Rajkumar B. K.	Utilization of Genetic &	Department of Biotechnology,	01-21/12/2016	21 Days
	Assistant Research	Genomic Resources through	College of Agriculture,		
	Scientist (Pl. Biotech.),	Biotechnology for Biotic &	University of Agricultural		
	MCRS, NAU, Surat	Abiotic Stress Management	Sciences (UAS), Dharwad		
		& Quality Improvement in			
		Field Crops			
		Exploring Genomic	Department of Biotechnology	01-21/07/2016	21 Days
		Resources for the	and Crop Improvement,		
		Improvement of	College of Horticulture, UHS		
		Horticultural Crops	Campus, GKVK Post,		
			Bangalore 65.		
2017	-18				
1	Dr. H. R. Ramani	Genomics, Proteomics and	Junagadh Agriculture	04/09/2017 to	21 days
	Assistant Research	Metabolomics in crop	University, Junagadh	24/09/2017	
	Scientist	improvement			
2	Dr. P. R. Parmar				
	Assistant Research				
	Scientist				





Sr.	Name & Designation	Details of Summer/Winter	Place	Date	Duration
No.		school		01/11/2017 (01.1
3	Dr. G. K. Bhanderi,	rest KISK Analysis – A Tool	ASPEE College of	01/11/2017 to 21/11/2017	21 days
	Assistant Research	In Selection of Quality	NALL Neuroni	21/11/2017	
4	Dr. D. D. Datal Assistant	Forecost"	NAU, Navsari		
4	Dr. R. D. Patel, Assistant Research Scientist	Forecast			
2018					
1	Prashant B. Sandipan	Completed ICAR sponsored	ICAR- Centre for Advances	December 10th	21 days
	Assistant Research	training programme on	Faculty Training on Plant	-30th, 2018	
	Scientist	"Advances in Agricultural	Biotechnology, Rajasthan		
		Techniques to enhance crop	Agricultural Research		
		production: Towards climate	Institute (Sri Karan Narendra		
		resilient agriculture"	Agriculture University,		
			Jobner), Durgapura, Jaipur		
2			(Rajasthan)	N 12	01.1
2	Dr. R. D. Patel,	I raining on "Advances in the	Department of Entomology,	November 13,	21 days
	Assu. Res. Sci. (Ento)	A griculturally important	PAU, Ludmana	2018 10 December 03	
		insects"		2018	
3	H. R. Ramani.	Phytoremediation:	Department of Plant breeding	10th to 30th	21 days
-	Assistant Research	Challenges and scope under	and Genetics, SDAU,	July, 2018	
	Scientist	heavy metal stress	SKnagar	, - ~	
4	Dr. P. R. Parmar, Assistant	Phytoremediation:	Department of Genetics and	10th to 30th	21 days
	Research Scientist	Challenges and scope under	Plant breeding, C. P. College	July, 2018	
		heavy metal stress	of Agriculture, SDAU,		
			Sardarkrushinagar		
2019	-20			02 00 2010 /	21.1
1	Dr. K. B. Sankat	Summer School I rainingon	Rajasthan Agriculture	02-09-2019 to	21 days
		and Plant Nutrition under	Laipur, Pajasthan (Shri Karan	22-09-2019	
		Changing Climate Scenario"	Narendrasinh Agriculture		
		Changing Chinate Section	University, Jobner)		
2020	-21	I			
1	Dr. G. R. Bhanderi,	Online training on "Rodent	NIPHM, Hyderabad	October 26-30,	05 days
	Asstt. Res. Sci. (Ento)	Pest Management"		2020	
2	Dr. R. D. Patel,	Vertebrate Pest	NIPHM, Hyderabad	February	03 days
	Asstt. Res. Sci. (Ento)	Management: Wild boar,		03-05, 2021	
2	Dr. D. D. Datal	monkey and birds	Demonstrate of Enternals and	Describer	12 dama
3	Dr. R. D. Patel, Asstt Pas Sci (Ento)	Recent Advances in	College of Horticulture	7 18 2020	12 days
	Assu. Res. Sci. (Ento)	Entomology – New	Bidar Karnataka	7-18, 2020	
		Dimensions to Invigorate the	Didai, Kainataka		
		Insect PestManagement"		th th	
4	Dr. P. B. Sandipan	One Week Faculty	School of Sciences, P. P.	05^{m} to 11^{m}	07 days
		Development Programme on	Sawani University, Surat	October, 2020	
		KESEAKCH METHODOLOGY"	(Gujarat).		
2022	-23		1		
1	Dr. H. R. Ramani	Advances in Agricultural	Department of Soil Science	18/01/23 to	21 days
-	Dr. P. S. Patel	Waste Management for	and Agricultural Chemistry.	07/02/2023	<i>aujo</i>
		Environmental Safety, Soil	SKN College of Agriculture,		
		Health Management and	Sri Karan Narendra		
		Energy Production	Agriculture University Jobner,		
			Dist Jaipur (Rajasthan)–303		
	D. H. H. M. L. J.		329	1 oth -	21 :
2	Dr. V. K. Vekariya	Water Productivity	CNRM, SDAU, Dantiwada	18 th January to	21 days
		Zapas Approaches and		/ February,	
		Applications		2025	
2023	-24		I	1	
1	Dr. P. B. Sandipan	Actively participated in the	KVK, Surat, DEE, NAU.	29-31 May.	3 days
	T	03 days sponsored short	Navsari (Gujarat) and	2023	····· <i>y</i> ~
		training programme on	Extension Education Institute		
L	1	auning programme on	l		



No. school	iter Place Date	
Wideo Production and (EEI), AAU Campus, Anand		
Dissemination Skills for (Gujarat) at KVK, Surat.		
Agricultural Extension		
Functionaries"		
2 Dr. P. B. Sandipan Actively participated in the Jointly organized by College	20-22 July,	3 days
training programme on (Cujeret) and Extension	2023	
"Mushroom Cultivation" (Gujarat) and Extension		
AAU Campus. Anand		
(Gujarat) at College of		
Agriculture, NAU, Waghai		
(Gujarat).		
3 Dr. P. B. Sandipan Successful participation in Jointly organized by SGT	$23^{rd} - 25^{th}$	3 days
the "3 Days Faculty University, Gurugram and	September,	
Development Program" on Just Agriculture Education	2023	
Methodology and Successful		
Publication"		
4 Dr. Rajkumar B. K. From Genes to Proteins: RLBCAU, Jhansi, H	Feb 19 - Mar	21 days
Addressing Molecular Uttarpradesh	10, 2024	5
Complexity of Agriculturally		
Important Traits in Crops	d	
5 Dr. P. R. Parmar Advances in Vedic, Natural Dept. of Pathology, C. P. 2	28 th February	21 days
and Organic farming in College of Agriculture, S. D. to	$5 19^{\text{m}}$ March,	
relation to pest and disease Agricultural University,	2024.	
change" Guiarat		
2024-25		
1 Dr. R. D. Patel Training on "Advances in SDAU, Sardarkrushinagar	28/02/24 to	20 days
Vedic, Natural and Organic	19/03/24	
Farming in relation to Pest		
and Disease Management		
under Chimate Change		
Plant Pathology		
C. P. College of Agriculture,		
S. D. Agricultural		
University,		
Sardarkrushinagar		
2 Dr. P. S. Patel Short Course on Hands-On Online 2 Trainging on Statistical	2-31 August,	10 days
Analysis & Exploring the	2024	
Role of Agriculture in		
Industry Domains organized		
by Indian Society of		
agronomy, New Delhi		
3 Dr. K. B. Sankat 15 Days Short Course Online Mode	16-9-2024	15 days
Training on Climate Change	to	
Scenario : Impact on	30-09-2024	
Sciences, organized by Asthe		
Foundation Meerut Uttar		
Pradeshin collaboration with		
different ICAR and State		
Institutes	1	
	5 th July to 15 th	30 days
4 Dr. Prashant B. Sandipan Successful attended in the Sri Konda Laxman Telangana 15		
4 Dr. Prashant B. Sandipan Successful attended in the Sri Konda Laxman Telangana 15 "Krishi Manthan: 30 Days State Horticultural University A	ugust, 2024.	
4 Dr. Prashant B. Sandipan Successful attended in the "Krishi Manthan: 30 Days Sri Konda Laxman Telangana 15 Summer School International State Horticultural University A Training Program" collaboration with	ugust, 2024.	
4 Dr. Prashant B. Sandipan Successful attended in the "Krishi Manthan: 30 Days Summer School International Training Program" Sri Konda Laxman Telangana 15 4 Dr. Prashant B. Sandipan Successful attended in the "Krishi Manthan: 30 Days Summer School International Training Program" Sri Konda Laxman Telangana 15 5 State Horticultural University (SKLTSHU), Talangana in collaboration with UTKARSH – PDKV Akola 15	ugust, 2024.	



Sr.	Name & Designation	Details of Summer/Winter	Place	Date	Duration
No.		school			
			Group, ISASTR, Noida		
			(Online mode)		

PARTICIPATION IN WORKSHOP/SHORT TERM TRAINING

Sr.	Name & Designation	Details of Workshop/ Short Place Date			
No.		term training			
2016-	17			1	
1	Dr. B. G. Solanki,	Annual Group Meeting on	APMC, Sahara Darwaja,	April 7-9, 2016	3 days
	Research Scientist	cotton (AGM-AICCIP) and	Surat		
	(Cotton), NAU, Surat	interactive meet on PBW			
2	Dr. K. V. Varodariya,	Annual Group Meeting on	APMC, Sahara Darwaja,	April 7-9, 2016	3 days
	Asso. Res. Sci., NAU,	cotton (AGM AICCIP) and	Surat		
	Surat	interactive meet on PBW			
3	Dr. D. H. Patel	Annual Group Meeting on	APMC, Sahara Darwaja,	April 7-9, 2016	3 days
	Asso. Res. Sci., NAU,	cotton (AGM AICCIP) and	Surat		
	Surat	interactive meet on PBW			
4	Dr. H. R. Desai	Annual Group Meeting on	APMC, Sahara Darwaja,	April 7-9, 2016	3 days
	Asso. Res. Sci., NAU,	cotton (AGM AICCIP) and	Surat		
~	Surat	interactive meet on PBW		A	2.1.
5	Dr. G. O. Faldu	Annual Group Meeting on	APMC, Sahara Darwaja,	April 7-9, 2016	3 days
	Assili. Res. Sci., NAU,	cotton (AGM AICCIP) and	Surat		
6	Brof D M Patal	Appual Group Mosting on	APMC Sabara Darwaia	April 7 0, 2016	3 days
0	Assitt Pos Sci NAU	cotton (ACM AICCIP) and	AFINC, Sallala Dalwaja, Surot	April 7-9, 2010	5 days
	Assitt. Res. Sci., INAU, Surat	interactive meet on PBW	Sulat		
7	Dr. G. R. Bhanderi	Annual Group Meeting on	APMC Sahara Darwaia	April 7-9 2016	3 days
,	Assitt Res Sci NAU	cotton (AGM AICCIP) and	Surat	April 7-9, 2010	Judys
	Surat	interactive meet on PBW	Sulut		
8	Prof K B Sankat	Annual Group Meeting on	APMC Sahara Darwaia	April 7-9 2016	3 days
0	Assitt Res Sci NAU	cotton (AGM AICCIP) and	Surat	ripin / 9, 2010	5 duys
	Surat	interactive meet on PBW			
9	Dr Raikumar B Katagi	Annual Group Meeting on	APMC, Sahara Darwaja,	April 7-9, 2016	3 days
-	Assitt. Res. Sci., NAU.	cotton (AGM AICCIP) and	Surat		,-
	Surat	interactive meet on PBW			
10	Prof. V. K. Vekaria	Annual Group Meeting on	APMC, Sahara Darwaja,	April 7-9, 2016	3 days
	Assitt. Res. Sci., NAU,	cotton (AGM AICCIP) and	Surat	1	5
	Surat	interactive meet on PBW			
11	Dr. P. B. Sandipan	Annual Group Meeting on	APMC, Sahara Darwaja,	April 7-9, 2016	3 days
	Assitt. Res. Sci., NAU,	cotton (AGM AICCIP) and	Surat		
	Surat	interactive meet on PBW			
12	Dr. H. R. Ramani	Annual Group Meeting on	APMC, Sahara Darwaja,	April 7-9, 2016	3 days
	Assitt. Res. Sci., NAU,	cotton (AGM AICCIP) and	Surat		
	Surat	interactive meet on PBW			
13	Dr. R. D. Patel	Annual Group Meeting on	APMC, Sahara Darwaja,	April 7-9, 2016	3 days
	Assitt. Res. Sci., NAU,	cotton (AGM AICCIP) and	Surat		
	Surat	interactive meet on PBW			
14	Dr. Preeti R Parmar	Annual Group Meeting on	APMC, Sahara Darwaja,	April 7-9, 2016	3 days
	Assitt. Res. Sci., NAU,	cotton (AGM AICCIP) and	Surat		
	Surat	interactive meet on PBW			
2017-	18			oth toth	
1	Dr. H.R. Desai	AGM of AICRP on Cotton	TNAU, Coimbatore	8 th to10 th	3 days
				April,2017	2.1
2	Dr. D. H. Patel	AGM OF AICKP on Cotton	INAU, Coimbatore	8 to10"	3 days
2	Dr. C. I. Dorrer	ACM of AICDD or Cottor	TNIALL Courses	April,2017	2 dama
5	Dr. S. L. Pawar	AGIVI OF AICKP ON COTION	TNAU, Coimbatore 8 th to10 th		5 days
Λ	Drof D M Datal	ACM of AICDD on Cotton	TNALL Combatan	April,2017	
4	FIOL D. M. Patel	AGIVI OF AICKP ON COTION	INAU, Coimbatore	o 1010 April 2017	5 days
5	Dr. G. O. Faldu	AGM of AICRP on Cotton	TNALL Compators	$\frac{\Lambda pm,2017}{8^{\text{th}} \text{ to } 10^{\text{th}}}$	3 dave
5		AGINI OF AICKE OIL COULOIL	TIAO, Collibatore	April 2017	Juays
6	Dr. G. R. Bhanderi	AGM of AICRP on Cotton	TNAIL Coimbatore	8 th	3 dave
0	Dr. O. K. Dhandell		in it. Connoatore		Juuyo





Sr. No.	Name & Designation	Details of Workshop/ Short term training	Place	Date	Duration	
		8		to10 th April,201 7		
7	Dr. P. B. Sandipan	AGM of AICRP on Cotton	TNAU, Coimbatore	8 th to10 th April 2017	3 days	
8	Prof. V. K. Vekariya	AGM of AICRP on Cotton	TNAU, Coimbatore	$8^{\text{th}} \text{ to} 10^{\text{th}}$	3 days	
2018-	19			71011,2017		
1	Dr. D. H. Patel	Annual Group Meeting of AICRP on cotton	CCS, Haryana Agricultural University	9-10/4/2018	2 Days	
2	Dr. H. R. Desai & Dr. G. R. Bhanderi	Group Meeting of AICRP on Cotton	CCSHAU, HISAR	9-10/04/ 2018	02 days	
3	Dr. H. R. Desai & Dr. R. D. Patel	Implementation of "Insecticide Resistance Management" : Dissemination of pink bollworm	ICAR-CICR, Nagpur	14/08/2018	01 days	
		management stretegies				
4	Dr. H. R. Desai & Dr. R. D. Patel	Review workshop of "Insecticide Resistance Management" : Dissemination of pink bollworm management stretegies	ICAR-CICR, Nagpur	23/02/2019	01 days	
5	Dr. H. R. Ramani	Annual Group Meeting of AICRP on cotton	CCS, Haryana Agricultural University	9-10/4/2018	2 Days	
6	Prashant B. Sandipan	Annual Group Meeting on cotton (AGM-AICRP) held on at CCS organized by ICAR- AICRP cotton.	Haryana Agricultural University (HAU), Hisar	April 9-10, 2018	2 days	
7	Prashant B. Sandipan	Actively participated in the virtual Workshop on Personality Development held on organized by International Science Community Association (www.isca.net.co).	Online	August 05 th - 10 th , 2018	Online participati on	
2019-	20	,				
1	Dr. G. R. Bhanderi	Training on "Making greater use of biocontrol agents"	Department of Plant Pathology, AAU, Jorhat	November 4-13, 2019	10 days	
2	Dr. H. R. Ramani	Short term online "PrakrutikKhetikaryashala"	Dada Bhagwan Mandir, Kamrej	December 5- 11,2019	7days	
2020-	21					
1	Dr. H. R .Desai, Dr. D. H. Patel, Dr. K.V. Vadodariya, Dr. G. O. Faldu, Prof. D. M. Patel, Dr. R. D. Patel, Dr. G. R. Bhanderi, Dr. Rajkumar, Dr. H. R. Ramani, Prof. V. K. Vekariya, Dr. K. B. Sankat, Dr. P. R. Parmar	Group Meeting of ICAR- AICRP on Cotton	Project Co-ordinator, ICAR- AICRP on Cotton, CICR, Coimbatore	17/05/2020 & 18/05/2020	02	
2	Dr. H. R .Desai, Dr. R. D. Patel, Dr. G. R. Bhanderi, Shri Divyesh Patel and Kumari Aniali Patel	Review meeting of NFSM: CC: Cotton: IRM: PBWM: Dissemination of pink bollworm management strategies	ICAR-CICR, Nagpur (Online video conference through CISCO WEBEX VC app)	03/06/2020	01	
3	Dr. H. R .Desai, Dr. R. D. Patel, Dr. G. R. Bhanderi, Shri Divyesh Patel and Kumari Anjali Patel	Orientation workshop, NFSM:CC: Cotton: IRM: PBWM	Principal Investigator, NFSM:CC: Cotton: IRM: PBWM, ICAR-CICR, Nagpur	09/07/2020	01	



Sr.	Name & Designation	Details of Workshop/ Short	Place	Duration	
No.		term training			
4	Dr. H. R .Desai,	Review meeting of ICAR-	Project Co-ordinator, ICAR-	22/07/2020	01
	Dr. D. H. Patel,	AICRP on Cotton and Bt	AICRP on cotton,		
	Dr. K.V. Vadodariya,	testing trials	Coimbatore		
	Dr. G. O. Faldu,				
	Prof. D. M. Patel,				
	Dr. R. D. Patel,				
	Dr. G. R. Bhanderi,				
	Dr. Kajkumar,				
	DI. H. K. Kallalli, Prof V K Vekariya				
	Dr K B Sankat				
	Dr. P. R. Parmar				
5	Dr. H. R. Desai	Mid-term Review meeting of	ICAR-CICR Nagpur	18/11/2020	01
5	Dr. R. D. Patel.	NFSM:CC:Cotton: IRM:	iernit erent, rugpur	10/11/2020	01
	Dr. G. R. Bhanderi,	PBWM: Dissemination of			
	Shri Divyesh Patel and	pink bollworm management			
	Kumari Anjali Patel	strategies			
2021-	-22		·	·	•
1	Dr. H. R. Desai,	Pest Risk Assessment and	Online	January	10
	Asso. Res. Sci. (Ento)	Eco-friendly Management of		20-29, 2022	
		Mite Pests in Agriculture			
		organized by Department of			
		Entomology, N.M.College of			
		Agriculture, NAU, Navsari		o doth d dd	
2	H. R. Ramani	Annual Group Workshop of	Online	9-10 ^{ad} April	2 days
	Assistant Research	AICRP on Cotton		2021	
2	JL D. Domoni	Online Workshop on	Online mode	2nd Nov. 2020	1 day
3	H. K. Kalilalli	Unifie workshop on HDTLC Technique and its	Omme mode	510 Nov, 2020	1 day
	Scientist (Biochemistry)	Applications in Agriculture			
	Scientist (Biochennistry)	organized by Department of			
		Plant Molecular Biology and			
		Biotechnology ASPEE			
		College of Horticulture and			
		Forestry, Navsari Agricultural			
		University, Navsari			
4	H. R. Ramani	Emerging trends in seed	Online mode		10 days
	Assistant Research	production Technology and			
	Scientist (Biochemistry)	quality control framework for			
		effective seed supply of			
		horticulture crops organized			
		by Department of			
		Horticulture, University of			
~		norticulture, Bagalkot		O1 st 1 ^{-th}	15 1.
2	Dr. P. B. Sandipan	international Unline Training	ALEFWA (Agro	$01^{-} - 15^{}$	15 days
	Assistant Research	on ADVANCES IN	Environment Education and	August, 2021.	
	Scienusi (Patho)	SKILL DEVELODMENT	Punish)		
		FOR RESUMDING THE	runjau)		
		FUTURE OF INDIAN			
		AGRICULTURE"			
2022-	-23	1	1	1	1
1	Dr. G. O. Faldu	Research Methodology and	Gujarat State Biotechnology	9^{th} to 15^{th}	7 days
	Dr. V. K. Vekariya	Data Analysis	Mission (GSBTM), DST,	October, 2022	
			India		
2	Dr. H. R. Ramani	Group Meeting of ICAR-	Project Co-ordinator, ICAR-	7-9 April, 2022	3 days
		AICRP on Cotton	AICRP on Cotton, CICR,		
			Coimbatore		
3	Dr. K. B. Sankat	State workshop on	Ahmedabad	22/04/2022	1 day
<u> </u>		Sustainability in Cotton		10/10/0	
4	Dr. K. B. Sankat	31 st National Conference on	NAU, Navsari	13/10/2022	3 days
		Innovative Resource		10 15/10/2022	





Sr.	Name & Designation	Details of Workshop/ Short	Place	Date	Duration
No.		term training			
		Management approaches for			
		Coastal and Inland			
		Ecosystems to sustain			
		Productivity and Climate			
5	P. P. Sandinan	Participated in Annual Group	Coimbatora	06.08 April	Three days
5	Asstt Res Sci	Meeting on Cotton (AGM-	Combatore	2022	Three days
	Plant Pathology	AICRP)		2022	
6	P B Sandinan	Drone Manthan	Online	20-26 Nov	7 days
0	Asstt Res Sci		omme	2022	/ duys
	Plant Pathology				
2023-	24	I			
1	Dr. P. B. Sandipan	Group Meeting of ICAR-	Project Co-ordinator, ICAR-	5-6 April, 2024	2 days
	Dr. M .M. Patel	AICRP on Cotton	AICRP on Cotton, CICR at	1 /	5
	Dr. M. C. Patel		Nagpur		
	Dr. D. H. Patel				
	Dr. R. D. Patel				
	Dr. H. R. Ramani				
2	Dr. V. K. Vekariya	Group Meeting of ICAR-	Project Co-ordinator, ICAR-	6-7 April, 2023	2 days
	Dr. P. B. Sandipan	AICRP on Cotton	AICRP on Cotton, CICR at		
			PAU, Ludhiana		
3	Dr. H. R. Desai	Cotton Workshop on World	APMC, Nizar	October 7, 2023	I day
	Dr. G. R. Bhanderi	Cotton Day			
2024	Dr. K. D. Patel				
2024-	Dr. V. D. Sankat	National Workshop on Cotton	ICAR CICR Normur	7 th Marah	1 day
1	DI. K. B. Salikat	Viold Improvement through	ICAR-CICK, Nagpui	7 Watch,	1 uay
		HDPS Organized by ICAR-		2025	
		Central Institute for Cotton			
		Research, Nagpur			
2	Dr. V K Vekariya	Short course on "Application	IIRMR, Bharatpur, Rajasthan	20-29 January	10 Days
	, and the second se	of proteomics in Agriculture"	, r , . j	2025	
3	Dr. Prashant B. Sandipan	Annual Group Meeting	Dr. Punjabrao Deshmukh	05-06 April,	2 days
	_	workshop on Cotton (AGM-	Krishi Vidyapeeth, Akola	2024.	-
		AICRP)	(M. S.)		
4	Dr. M. C. Patel	Group Meeting of ICAR-	Project Co-ordinator, ICAR-	21/03/2025to23	3 days
	Prof. D. M. Patel,	AICRP on Cotton	AICRP on Cotton, CICR,	/03/2025	
	Dr. R. D. Patel,		Lam Guntur		
	Dr. Rajkumar,				
	Prof. V. K. Vekariya,				
	Dr. K. B. Sankat,				
	Dr. P. B. Sandipan			1	

પ. દરેક પાકની GAP(ગુડ એગ્રીકલ્ચરલ પ્રેકટાઈસીસ) : **મુઘ્દા નં. ૩ અને ૪ પ્રમાણે**

૬. જે તે ફાર્મની વિગતો નકશા વિ.જમીન/ પાણીનું પૃથ્થકરણ (વર્ષવાર)





ડીએલઆરની માપણી મુજબ યુનિવર્સિટીના કબજામાં હોય તેવી ખેડખાતાની જમીનની વિગત : ૩૧–૦૩–૨૦૨૩ મુજબ

બ્લોક નં./ સર્વે નંબર	ગામ તાઃ સીટીઃ જીઃ સુરત	જમાન પ્રાપ્તીની નોંધ નંબર	કોનાં કબજા હસ્તક	છેલ્લી માપણી વર્ષ	રેવન્યુ મુજબ ક્ષેત્રફળ (હે–આર–ચો.મી.)	હિસ્સા ફોર્મમાં દર્શાવેલ હાલનાં કબજાનું ક્ષેત્રફળ (હે–આર–ચો.મી.)	તફાવત (હે–આર–ચો.મી.)	તફાવતનું કારણ
(૧)	(૨)	(૩)	(४)	(પ)	(۶)	(૭)	(2)	(ಆ)
୬୦	ભટાર	કરહ	કપાસ	નવે.૨૦૧૪	૩૯.૫૮.૦૦	૩૪.૫૮.૦૦	પ.૦૦.૦૧	કોલમ નં.૮નો તફાવત હળપતિ
151	ઉમરા	૧૨૬૧	કપાસ	મે.૨૦૧૧	૦૬.૬૫.૭૬	00.42.52	00.09.02	આવાસ, નહેર તથા જુદી જુદી ટીપી સ્કીમો
૧ ૬૨	ઉમરા	१२५१	કપાસ	મે.૨૦૧૧	ર૯.૯૯.૭૫	રપ.૬૧.૮૩	०४.३७.७२	માટે ફાળવેલ જમીનનાં કબજો સોંપવાના કારણે
નોંધ : મુખ્ય લાય	ો કપાસ સંગ ક જમીન	શોધન કેન્દ્ર હે	ઠળ ખેડાશ	કુલ		૬૦.૭૮.૫૧	૦૯.૪૫.૦૧	

કુલ જમીન	૬૦.૭૮.પ૧
સંશોધન કેન્દ્રને સંશોધન માટે ફાળવેલ જમીન	
કેવીકે	0૯.3۶.00
બાયોટેકનોલોજી	02.50.00
રોડ–રસ્તા, કચેરી, ગોડાઉન	०५.००.००
અન્ય સંપાદન હેઠળ ફાળવેલ જમીન	૦૯.૪૫.૦૧
કુલ બાદ	૨૬.૪૧.૦૧
મુખ્ય કપાસ સંશોધન કેન્દ્ર હેઠળ ખેડાણ લાયક જમીન	૩૪.૩૭.૫ ૦





નમુના	પૃથ્થકરણની		કુલ પૃથ્થકરણ								
ચકાસણી	_ વિગત	૨૦૧૬–૧૭	૨૦૧૭–૧૮	૨૦૧૮–૧૯	૨૦૧૯–૨૦	2020-21	૨૦૨૧–૨૨	૨૦૨૨–૨૩	૨૦૨૩–૨૪	૨૦૨૪–૨૫	વિભાગ
મુખ્ય કપાસ સં	શોધન કેન્દ્રનાં સંશોધ	ાન અખતરાઓ/ પી	ોજી સંશોધન અખત	ારાઓ અને જનરલ	ા પ્લોટનાં નમુનાઅ	ì					
જમીન	નાઈટ્રોજન,	૭૬૫	४२४	૯૧૪	६८४	રર૯૫	૧૬૫૮	૧૯૯૨	८२०	૧૧૭૪	બાયોકેમેસ્ટ્રી
ચકાસણી	ફોસ્ફરસ,										
	પોટાશ વિદ્યુત										
	વાહકતા,										
	સલ્ફર, પીએચ										
	આંક તથા સુક્ષ્મ										
	તત્વો જમીનનું										
	ભેજ										
કપાસ બીજ	ઓઈલ કન્ટેન્ટ	२८०	303	४२ ४	४९उ	પદ્ર૧	06	_	_	_	
કપાસની	બાયોકેમીકલ	१८८२	૩૨૮૩	૧૭૮૭	ર૩૧૧	૧૭૮૯	२५उ२	૨૦૬૧	૯૧૪	ર૯૨૪	
આશાસ્પદ	(ટેનીન, ફીનોલ,										
જાતોનાં	ગોસીપોલ,										
પાન, ડુંખ,	સુગર, પ્રોટીન,										
જીંડવા વિગેરે	એમીનોએસીડ										
	અને અન્ય)										
પાકનાં	રોગ અને	୬୦	દ્રપ	उउ	૨૧	৩ও	કપ	૯૫	હર	৩४	એન્ટોમોલોજી
નમુના	જીવાત										
(ઉપદ્રવિત)											
મુખ્ય કપાસ સં	શોધન કેન્દ્રની આશ	ાસ્પદ નર અને માદ	ા પિતૃઓ તેમજ ર્બ	ોટી સંકર જાતોની વ	યકાસણી						
એલીસા ટેસ્ટ	Cry1Ac અને	୭૩୪૮	७८२०	୬୪୦୦	૬૫૦૦			ર૩૩૪૩	૧૮૯૭૨	उ७०५	
	Cry2Ab										
	કવોલીટેટીવ										
	અને					9.93/4/	91107.9				હ્યાગો કે દનો લોજી
	કવોન્ટીટેટીવ					10202	14068				∽ແՎເ⊂ວ`ແ⊂ແຽເ
	ટેસ્ટ										
પીસીઆર	-	५२०	900	५२०	૪૭૫			-		૧૩૦	
ટેસ્ટ											











