Numb	er:	17	'-0		Ca	tegory:							
Title:_	TSSC Admini	strative	Expense	<u>e                                      </u>									
P.I.: <u>N</u>	Marvin Beyer								Co	mpany:_	TSSC	& TCP	
Projec	ct Duration (												
													RANK
I.	Significand (Rank the sig						to Texa	ıs Cottor	n Produ	cers)			
	1	2	3	4	5	6	7	8	9	10			
	Not Benefi			•		eficial	-			y Benefi	cial		
П.	Technical	Feasih	ility										
	(Rank the te			ty of this	researcl	h based	on scien	tific sou	ndness	and techn	ical rel	levance)	
	1	2	3	4	5	6	7	8	9	10			
	Not Feasil		3	4		sible	,	0		ry Feasil	ble		
										,			
III.	Completion (Rank this re				roduce s	significar	nt results	s to Texa	as Cotto	n Produce	ers in fi	ve years)	
	1	2	3	4	5	6	7	8	9	10			
	Low		3	7	_	erate	,	O	3	High			
										J			
IV.	Cost / Ben	efit											
	(Rank this re	_	based c	n its pro	posal co	st compa	ared to a	anticipat	ed bene	efits)			
	1	2	3	4	5	6	7	8	9	10			
	Poor		3	7		ood	,	O		Excellen	t		
	Regional S (Circle the To			oduction	Regions	Impacte	d by this	s propos	sal)				
	Statewid	le or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP		
											т	OTAL 5	RANKING
			REG	IONAL L	OCATIC	)N						OTAL	
	- Texas Blackla - El Paso Valle		RGV - R		e Valley	SRP - So		olling Pla	ains				
	- High Plains			Lawrence		TP - Tran							ш
Revie	wer (Initials	s)											

Numb	er:	04-	LB		Ca	tegory:	Genetic	c Improve	ements		
Title:_	Improving Wes	st Texas	Cotton								
P.I.:_ <u>\</u>	Jane Dever; B.	Kelly; T	erry Wh	neeler					C	ompany: <u>TALR &amp; TT</u>	'U
Projec	ct Duration (	Years)	:	1	_Proje	ect Yea	r #:	1	Fu	ınding Requested:	\$78,548
											RANK
I.	Significanc (Rank the sig						to Texa	as Cotton	n Produ	icers)	
	1	2	3	4	5	6	7	8	9	10	
	Not Benefic	cial			Bene	eficial			Ve	ry Beneficial	
II.	Technical F										. [
	(Rank the tec	hnical f	easibility	y of this	researc	h based (	on scien	ntific sour	ndness	and technical relevan	ice)
	1	2	3	4	5	6	7	8	9	10	
	Not Feasib	le			Fea	sible			Ve	ery Feasible	
III.	Completion (Rank this res			ility to p	roduce	significar	it results	s to Texa	s Cotto	on Producers in five ye	ears)
	1 Low	2	3	4	5 Mod	6 erate	7	8	9	10 High	
IV.	Cost / Bene (Rank this res		pased o	n its pro	posal co	ost compa	ared to a	anticipate	ed bene	efits)	
	1 Poor	2	3	4	5 Go	6 ood	7	8	9	10 Excellent	
	Regional S (Circle the Te			duction	Regions	s Impacte	ed by this	s propos	al)		
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST TP	
										TOTA	L RANKING
EP	- Texas Blacklar	, I	RGV - Ri RP - Roll	ONAL Lo o Grande ing Plains awrence	e Valley s	ON SRP - Sou ST - Sou TP - Trar	th Texas	_	ins		
	- High Plains wer (Initials)		J∟ - Jl. L	-awience		ır • IIdi	13-F ECUS				
1/CAIG	wo (iiiilais)										

Numb	er:	04-C	S		Cate	gory:_	<u>Genetic</u>	<u>Improvem</u>	ents		
Title:_	Improvement o	of Upland	Cotton t	hrough	Breeding	g, Genet	ics & Ge	nomics			
P.I.: <u>V</u>	Vayne Smith; S	Steve Hag	gue; Dav	id Stelly					_Co	mpany: TALR	
Projec	ct Duration (	Years):	,	1	Projec	t Year	#: <u></u>	1	_Fu	nding Requested:	\$130,200
											RANK
I.	Significance										
	(Rank the sig	nificance	of the b	enefits o	of this re	search t	to Texas	Cotton P	rodu	cers)	
	1	2	3	4	5	6	7	8	9	10	
	Not Benefic	ial			Benef	icial			Ver	y Beneficial	
II.	Technical F	easibil	itv								
				of this re	search	based o	n scienti	fic sound	ness	and technical relevan	ce)
	1	2	3	4	5	6	7	8	9	10	
	Not Feasib		O	т	Feasi		•	O		ry Feasible	
III.	Completion	of Dro	nocal								
111.	Completion (Rank this res			ty to pro	duce si	gnificant	results	to Texas (	Cotto	n Producers in five ye	ears)
						_				-	, l
	1 Low	2	3	4	5 Mode	6 rato	7	8	9	10 High	
	LOW				Mode	iaie				riigii	
IV.	Cost / Bene (Rank this res		ased on i	its nrond	neal coe	t compa	red to ar	nticinated	hene	fite)	
	(Italik tilis les	scaron be	aseu on i	по ргорс	<i>J</i> 3ai 603	Compa	ieu io ai	ilicipated	Dene	into)	
	_ 1	2	3	4	5	6	7	8	9	10	
	Poor				Goo	od			E	Excellent	
	Regional S	ianifica	nce								
	(Circle the Te			uction R	egions I	mpacted	by this	proposal)	)		
	Statewide	e or	BL	EP	HP	RGV	RP	SL S	SRP	ST TP	
	Otatewide	, Oi	DL	LI	1 11	IXO V	IXI	OL C	71 (1	01 11	
										TOTA	L RANKING
BI	- Texas Blacklar	nds R	REGION				ıthern Ro	lling Plains			
EP	- El Paso Valley	R	P - Rolling	g Plains	S	T - South	n Texas	9 . 101110			
	- High Plains		L - St. Lav	wrence	<u> </u>	P - Trans	s-recos				
Kevie	wer (Initials)										

Title: Improving Cotton Quality from Round Modules: Engineering Systems to Reduce Contamination & Moisture Losses  P.I.: Robert Hardin  Company: TAMU  Project Duration (Years): 5 Project Year #: 4 Funding Requested: \$60,000  RANI  I. Significance to Texas Cotton Producers (Rank the significance of the benefits of this research to Texas Cotton Producers)  1 2 3 4 5 6 7 8 9 10  Not Beneficial Beneficial Very Beneficial	
Project Duration (Years): 5 Project Year #: 4 Funding Requested: \$60,000  RANI  I. Significance to Texas Cotton Producers (Rank the significance of the benefits of this research to Texas Cotton Producers)  1 2 3 4 5 6 7 8 9 10	s_
I. Significance to Texas Cotton Producers (Rank the significance of the benefits of this research to Texas Cotton Producers)  1 2 3 4 5 6 7 8 9 10	
I. Significance to Texas Cotton Producers (Rank the significance of the benefits of this research to Texas Cotton Producers)  1 2 3 4 5 6 7 8 9 10	
	1K
II. Technical Feasibility (Rank the technical feasibility of this research based on scientific soundness and technical relevance)	
1 2 3 4 5 6 7 8 9 10  Not Feasible Feasible Very Feasible	
III. Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five years)	
1 2 3 4 5 6 7 8 9 10 Low Moderate High	
IV. Cost / Benefit (Rank this research based on its proposal cost compared to anticipated benefits)	
1 2 3 4 5 6 7 8 9 10 Poor Good Excellent	
Regional Significance (Circle the Texas Cotton Production Regions Impacted by this proposal)	
Statewide or BL EP HP RGV RP SL SRP ST TP	
REGIONAL LOCATION  BL - Texas Blacklands RGV - Rio Grande Valley SRP - Southern Rolling Plains EP - El Paso Valley RP - Rolling Plains ST - South Texas HP - High Plains SL - St. Lawrence TP - Trans-Pecos  Reviewer (Initials)	

Numb	er:	11-R	oot		Cat	tegory:_	Product	ion Syste	ems			
Title:_	Management o	of Cottor	Diseas	es in So	uth Tex	as						
P.I.: <u>1</u>	Thomas Isakeit								Cc	mpany:_	TALR	
Projec	ct Duration (									inding Re	quested:	\$20,000
l.	Significanc (Rank the sig						to Texa	s Cotton	Produ	cers)		RANK
	1 Not Benefic	2 cial	3	4	5 Bene	6 eficial	7	8	9 Vei	10 ry Benefic	cial	
II.	Technical F (Rank the tec			of this r	esearch	n based o	on scien	tific soun	dness	and techni	cal relevance	e)
	1 Not Feasib	2 ole	3	4	5 Fea	6 sible	7	8	9 Ve	10 ery Feasib	ole	
III.	Completion (Rank this res			lity to pr	oduce s	significan	t results	to Texas	s Cotto	on Produce	rs in five yea	rs)
	1 Low	2	3	4	5 Mod	6 erate	7	8	9	10 High		
IV.	Cost / Bene (Rank this res	-	ased or	ı its prop	osal co	st compa	ared to a	ınticipate	d bene	efits)		
	1 Poor	2	3	4	5 Go	6 ood	7	8	9	10 Excellent		
	Regional S (Circle the Te			duction F	Regions	Impacte	d by this	s proposa	al)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
			DEOL		O 4 T 1 O						TOTAL	RANKING
EP	<ul><li>Texas Blacklar</li><li>El Paso Valley</li><li>High Plains</li></ul>	/ F	RGV - Ric	ng Plains	Valley		h Texas	olling Plair	ns			
Revie	wer (Initials)											

Numb	er:	12-W	<u>'S</u>		Cate	gory:_	<u>Fertilizat</u>	ion / Irriga	ation			
Title:_	Integrating Phe	notyping	With Co	tton Gr	own and	Develo	oment F	unctions				
P.I.: <u>N</u>	<u>lithya Rajan; C</u>	urtis Ada	ıms; Wen	xuan G	uo				Cc	mpany: <u>TAl</u>	R & TTU	
Projec	ct Duration (	Years):	10	0	Projec	t Year	#: <u></u>	10	Fu	ınding Requ	ested:	\$60,000
												RANK
I.	Significance (Rank the sign						to Texas	Cotton F	Produ	cers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic		3	4	Benef		,	0		ry Beneficial		
II.	Technical F		•	£ 41=1= ==		L l -		<i>e:</i>	l	and tack along to all		
	(Rank the tech	nnicai te	asidility d	ot this re	esearch	based o	n scienti	iic sound	iness	and technical	relevance)	
	_11	2	3	4	5		7	8	9	10		
	Not Feasib	le			Feasi	ible			Ve	ry Feasible		
	0   - 4'	- f D										
III.	Completion (Rank this res			y to pro	duce si	gnificant	results	o Texas	Cotto	on Producers in	n five years	3)
	4	2	3	4	5	6	7	0	0	10		
	1 Low	2	3	4	o Mode	6 rate	7	8	9	10 High		
										_		
IV.	Cost / Bene	efit										
	(Rank this res	earch ba	ased on i	ts propo	osal cos	t compa	red to ar	nticipated	bene	efits)		
	1	2	3	4	5	6	7	8	9	10		
	Poor				Goo	od			I	Excellent		
	Regional Si	gnifica	nce									
	(Circle the Te	xas Cott	on Produ	iction R	egions I	mpacted	d by this	proposal	)			
	Statewide	or	BL	EP	HP	RGV	RP	SL S	SRP	ST TF	•	
											TOTAL	RANKING
			REGION	_								
EP	- Texas Blacklar - El Paso Valley	R	GV - Rio ( P - Rolling	Plains	S	T - South	n Texas	IIIng Plain	S			
	- High Plains		L - St. Lav	vrence	Т	P - Trans	s-Pecos					
Revie	wer (Initials)											

Numb	er:	19-F	OV4		Ca	tegory:	Produc	tion Syst	tems			
Title:_	Management o	f Fusar	ium Wilt	of Cotto	n Race	4 (FOV4	<u>), a New</u>	/ Diseas	e in Te	xas		
P.I.: <u>1</u>	homas Isakeit								C	ompany:_	TALR	_
Projec	ct Duration (	Years)	:	5	_Proje	ect Year	r #:	4	Fu	ınding Re	quested:	\$15,588
												RANK
l.	Significance (Rank the sign						to Toyo	o Cottor	o Drodu	iooro)		
	(Natik tile sig	IIIICaric	e or the	benents	o Oi tilis	research	io rexa	is Colloi	i Flout	icers)		
	1	. 2	3	4	5	_	7	8	9	10		
	Not Benefic	ial			Bene	eficial			Ve	ry Benefic	cial	
II.	Technical F (Rank the tec			of this	rocoard	n hasad (	an scion	tific cou	ndnass	and techni	cal relevance	,,
	(Italik lile lec	illicai it	zasibility	y Oi tilis	ieseaici	i baseu (	JII SCI <del>C</del> II	unc sou	nuness	and techni	cai relevance	•)
	1	2	3	4	5		7	8			1.	
	Not Feasib	ie			rea	sible			VE	ery Feasib	ole	
III.	Completion (Rank this res			ility to n	oduce s	significan	ıt regulte	to Teva	as Cotto	on Produce	rs in five veal	re)
	(Italik tilis les	bearon c	ni its ab	ility to pi	oduce s	signinican	it resuits	io ieke	as Colli	on roduce	is in five year	
	1	2	3	4	5	6	7	8	9	10		
	Low				IVIOG	erate				High		
IV.	Cost / Bene (Rank this res		ased o	n its pror	oosal co	st compa	ared to a	anticipate	ed ben	efits)		
	(rtaint tino roc		acca c	ii iio pior	, , , , , , , , , , , , , , , , , , ,	or compe	2100 10 0	intioipati	od bom	J.11.0)		
	1	2	3	4	5	6	7	8	9	10		
	Poor				GC	ood				Excellent		
	Regional S											
	(Circle the Te	xas Cot	ton Pro	duction I	Regions	Impacte	ed by this	s propos	sal)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											ΤΟΤΑΙ	RANKING
			REGI	ONAL LO	OCATIC	N					IOIAL	KANKING
	- Texas Blacklar - El Paso Valley			o Grande ing Plains		SRP - Sour		olling Pla	ains			
	- High Plains			awrence		TP - Tran						
Revie	wer (Initials)											

Numb	er:	15-	.1		Cat	egory:_						
Title:_	New Markets f	or Cotto	ns									
P.I.: <u>S</u>	Seshadri Ramkı	umar							Cc	mpany: <u>TT</u>	<u>U</u>	
Projec	ct Duration (`	Years)	:	8	_Proje	ct Year	#:	7	Fu	ınding Requ	uested:	\$30,000
												RANK
I.	Significance (Rank the sig						to Texa	s Cottor	n Produ	icers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic	ial			Bene	ficial			Vei	ry Beneficia	ıl	
	Tankaisal F	- : l- :	l:a									
II.	Technical F (Rank the tec			y of this	research	based o	on scien	itific soui	ndness	and technica	l relevance	)
	1	2	3	4	5	6	7	8	9	10		
	Not Feasib		Ü	·	Feas		•	J		ry Feasible	<b>!</b>	
III.	Completion											
	(Rank this res	search c	n its at	oility to p	roduce s	ignifican	t results	s to Texa	as Cotto	on Producers	in five year	s)
	1	2	3	4	5	_	7	8	9	10		
	Low				Mode	erate				High		
IV.	Cost / Bene	<b>.f</b> ;4										
IV.	(Rank this res	-	ased o	n its prop	oosal co	st compa	red to a	anticipate	ed bene	efits)		
	1	2	3	4	5	6	7	8	9	10		
	Poor				Go	od				Excellent		
	Regional S											
	(Circle the Te	xas Cot	ton Pro	duction	Regions	Impacte	d by this	s propos	sal)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST T	Р	
											TOTAL	RANKING
RI	- Texas Blacklar	nde F		ONAL LO			uthern P	olling Pla	nine			
EP	- El Paso Valley	F	RP - Rol	ling Plains	3	ST - Sout	h Texas	_	1113			
	- High Plains wer (Initials)		o∟ - St. I	_awrence		TP - Tran	5-FECUS					
IVOVIC	wor (initials)											

Numb	er:	16-	2		Cat	egory:_						
Title:_	Environmentall	<u>y Frienc</u>	lly Proc	essing o	f Cotton	for Value	e Added	Product	ts			
P.I.: S	eshadri Ramkı	umar							C	ompany:_	TTU	_
Projec	t Duration (	rears):	:	8	_Proje	ct Yeaı	r #:	7	Fu	ınding Re	quested:	\$30,000
												RANK
l.	Significance											
	(Rank the sign	nificanc	e of the	benefits	of this r	esearch	to Texa	s Cottor	n Produ	ıcers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic	ial			Bene	ficial			Ve	ry Benefic	cial	
II.	Technical F	easibi	lity									
	(Rank the tech			of this	research	based	on scien	tific soul	ndness	and techni	cal relevance	<del>)</del> )
	1	2	3	4	5	6	7	8	9	10		
	Not Feasib		Ū	•	Feas		•	Ū		ery Feasib	ole	
III.	Completion	of Pro	nosal									
	(Rank this res			ility to pr	oduce s	ignifican	t results	to Texa	s Cotto	on Produce	rs in five yea	rs)
	1	2	2	1	5	6	7	8	0	10		
	1 Low	2	3	4	S Mode		1	0	9	High		
										3		
IV.	Cost / Bene	√fi+										
IV.	(Rank this res		ased o	n its prop	osal co	st compa	ared to a	anticipate	ed ben	efits)		
	4	0	0	4	_	•	7	0	0	40		
	1 Poor	2	3	4	5 Go	6 od	7	8	9	10 Excellent		
	1 001					ou				<u> </u>		
	Regional Si			مانىمائمىم ا	) o mi o mo	luon o oto	ه: حاله يحاله		(امر			
	(Circle the Te	xas Coi	ton Pro	duction i	Regions	impacte	ed by this	s propos	iai)			
	Statewide	or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											TOTAL	RANKING
			REGI	ONAL LO	OCATIO	N					IOIAL	KANKING
	- Texas Blacklar - El Paso Valley		RGV - Ri	o Grande ing Plains	Valley			olling Pla	ins			
	- High Plains			awrence		TP - Tran						
Revie	wer (Initials)											

Numb	er:	08-5	<u> </u>	C	ategory:_	<u>Producti</u>	on Syster	ns			
Title:_	Cotton Manage	ement Sy	stems for	the Rolling	Plains of T	exas					
P.I.: <u>E</u>	mi Kimura; Pu	al DeLau	ne					_Co	mpany: <u>TAL</u> l	R	
Projec	ct Duration (	rears):	14	Pro	ject Year	#:	13	_Fu	nding Reque	ested:	\$31,000
l.	Significance (Rank the sign					to Texas	s Cotton F	Produ	cers)		RANK
	1 Not Benefic	2 ial	3 4	4 5 Be	6 neficial	7	8	9 Ver	10 ry Beneficial		
II.	Technical F (Rank the tech		,	this resea	rch based c	on scient	ific sound	lness	and technical r	elevance)	
	1 Not Feasib	2 le	3 4		6 asible	7	8	9 Ve	10 ry Feasible		
III.	Completion (Rank this res			to produce	e significan	t results	to Texas	Cotto	on Producers in	five years	s)
	1 Low	2	3	4 5 Mo	6 oderate	7	8	9	10 High		
IV.	Cost / Bene (Rank this res		ised on its	proposal	cost compa	ired to ai	nticipated	bene	efits)		
	1 Poor	2	3 4	4 5 (	6 Good	7	8	9 I	10 Excellent		
	Regional Si (Circle the Te			tion Regio	ns Impacte	d by this	proposal	)			
	Statewide	e or	BL E	P HP	RGV	RP	SL S	SRP	ST TP		
									•	TOTAL	RANKING
EP	- Texas Blacklan - El Paso Valley - High Plains	RI		Plains	ION / SRP - Soi ST - Sout TP - Tran	h Texas	olling Plains	S			
Revie	wer (Initials)							_			

Number: Category: <u>Harvesting / Ginning</u> Title: <u>Creation and Anlaysis of Multi-Stress Tolerant and Water-Use Efficient Cotton</u>										_
Title:_	Creation and A	nlaysis c	of Multi-St	ress Tole	rant and Wate	er-Use Et	ficient C	otton		_
P.I.: <u>H</u>	long Zhang; Gl	en Ritchi	ie; Paxton	Peyton				Com	pany: TTU; USDA	
Projec	t Duration (	Years):	8	P	roject Year	#: <u></u>	7	Fund	ding Requested:_	\$13,000
l.	Significance (Rank the sign					to Texas	Cotton I	Produce	ırs)	RANK
	1 Not Benefic	2 ial	3		5 6 eneficial	7	8	9 Very	10 Beneficial	
II.	Technical F (Rank the tech			f this rese	earch based c	on scienti	fic sound	lness ar	nd technical relevance	e)
	1 Not Feasib	2 le	3		5 6 Feasible	7	8	9 Very	10 Feasible	
III.	Completion (Rank this res			/ to produ	uce significan	t results t	o Texas	Cotton	Producers in five yea	rs)
	1 Low	2	3		5 6 Noderate	7	8	9	10 High	
IV.	Cost / Bene (Rank this res		ased on its	s proposa	al cost compa	red to ar	nticipated	l benefit	s)	
	1 Poor	2	3	4	5 6 Good	7	8	9 Ex	10 ccellent	
	Regional Si (Circle the Te			ction Reg	ions Impacte	d by this	proposa	1)		
	Statewide	e or	BL E	EP H	IP RGV	RP	SL :	SRP	ST TP	<b>-</b> 4 1 1 2 1 2
EP HP	- Texas Blacklar - El Paso Valley - High Plains wer (Initials)	R	REGION GV - Rio G P - Rolling L - St. Law	Frande Val Plains	ATION ley SRP - Sout ST - Sout TP - Trans	h Texas	lling Plain	s	FOTAL	RANKING

Numb	er:	19-1	3		Cate	egory: <u> </u>	Production	n Syster	ns		
Title:_	Irrigation, Tillag	ge and R	otation A	pproac	nes to O	ptimize S	Soil Fund	tion, Agr	onomi	c Production and Econ	omic Viability
P.I.: <u>P</u>	aul DeLaune								Cor	mpany: <u>TALR</u>	
Projec	t Duration (	Years):	Ę	5	_Projec	t Year	#:	4	Fur	nding Requested:_	\$17,000
I.	Significance (Rank the sign						o Texas	Cotton F	Produc	eers)	RANK
	1 Not Benefic	2 ial	3	4	5 Benef	6 icial	7	8	9 Very	10 / Beneficial	
II.	Technical F (Rank the tech			of this re	esearch	based o	n scientil	ïc sound	lness a	and technical relevance	e)
	1 Not Feasib	2 le	3	4	5 Feas	6 ible	7	8	9 Ver	10 ry Feasible	
III.	Completion (Rank this res			ty to pro	oduce si	gnificant	results t	o Texas	Cottor	n Producers in five yea	ırs)
	1 Low	2	3	4	5 Mode	6 rate	7	8	9	10 High	
IV.	Cost / Bene (Rank this res		ased on i	its prop	osal cos	t compar	ed to an	ticipated	benef	fits)	
	1 Poor	2	3	4	5 God	6 od	7	8	9 E	10 Excellent	
	Regional Si (Circle the Te			uction R	egions I	mpacted	by this	oroposal	)		
	Statewide	e or	BL	EP	HP	RGV	RP	SL S	SRP	ST TP	
										TOTAL	RANKING
EP HP	- Texas Blacklar - El Paso Valley - High Plains	RI SI	REGION GV - Rio ( P - Rollino L - St. Lav	Grande ' g Plains	Valley S	N SRP - Sou ST - South P - Trans	Texas	ling Plain	s		
Revie	wer (Initials)										

Numb	er:	16	6-15		Ca	tegory:	Fertiliza	ation / Irr	igation				
Title:_	Impact of Cot	ton Cr	opping S	ystems	and Ma	nagemer	nt Strate	gies on	the Prod	ductive C	apacity of S	oil in th	ne Texas
Southe	rn High Plains												_
P.I.: <u>k</u>	Katie Lewis; Wa	ayne K	eeling; P	aul DeLa	aune				Co	mpany:	TALR; TTU		
Projec	ct Duration (	Years	s):	9	Proje	ect Yea	r #:	8	Fu	nding R	equested:	\$17	7,600
													RANK
l.	Significanc						( . T	. 0.44					
	(Rank the sig	nificar	ice of the	benefits	s of this	researcn	to rexa	is Cottoi	n Produc	cers)			
	1	2	3	4	5	6	7	8	9	10			
	Not Benefic	cial			Bene	eficial			Ver	y Benef	icial		
II.	Technical F												
	(Rank the tec	hnical	feasibility	y of this	researc	h based	on scien	tific sou	ndness	and techr	nical relevan	ce)	
	1	2	3	4	5	6	7	8	9	10			
	Not Feasib	ole			Fea	sible			Vei	y Feasi	ble		
III.	Completion	of P	roposal										
	(Rank this res				roduce	significar	nt results	to Texa	as Cotto	n Produc	ers in five ye	ars)	
	1	2	3	4	5	6	7	8	9	10			
	Low	_	Ü	7		erate	•	O	5	High			
IV.	Cost / Bene	≘fit											
	(Rank this res		based o	n its pro	posal co	st compa	ared to a	anticipat	ed bene	fits)			
	1	2	3	4	5	6	7	8	9	10			
	Poor	2	3	4	_	ood	,	0		Excellen	t		
	Regional S (Circle the Te			duction	Regions	Impacte	d by thi	s nronos	sal)				
	(On old the re	,,,,,,,		adottori	rtogionic	mpaote	o by till	о ргорос	July				
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP		
											TOTA	I RA	NKING
				ONAL L							1017	_ 177	
	<ul><li>Texas Blacklas</li><li>El Paso Valley</li></ul>		RGV - Ri RP - Roll			SRP - Sou		olling Pla	ains				
	- High Plains		SL - St. L			TP - Trar							

Reviewer (Initials) \_\_\_\_\_

Numb	er:	11-1	7		Cate	egory:_	<u>Genetic</u>	<u>Improven</u>	nents		
Title:_	Effects of Nitro	gen Tim	ing, Tillag	ge and I	Irrigation	Rate or	Verticill	ium Wilt,	Cottor	n Yield and Profitability	
P.I.: <u>T</u>	erry Wheeler; I	Katie Le	wis; Way	ne Keel	ling; Dor	na McC	allister		Co	mpany: <u>TALR</u>	
Projec	t Duration (	Years):	1	12	_Projec	ct Year	#:	12	Fur	nding Requested:_	\$13,000
											RANK
l.	Significance										
	(Rank the sign	nificance	of the b	enefits	of this re	esearch	to Texas	Cotton F	Produc	cers)	
	1	2	3	4	5	6	7	8	9	10	
	Not Benefic	ial			Benef	icial			Very	y Beneficial	
II.	Technical F	easibil	itv								
			•	of this re	esearch	based o	n scient	fic sound	lness a	and technical relevanc	e)
	1	2	3	4	5	6	7	8	9	10	
	Not Feasib		3	4	Feas		,	O		ry Feasible	
										,	
	0	- f D									
III.	Completion (Rank this res			tv to pro	oduce si	anificant	results	to Texas	Cottor	n Producers in five yea	ars)
	(			.,						•	
	1	2	3	4	5	6	7	8	9	10	
	Low				Mode	rate				High	
IV.	Cost / Bene			•.						en	
	(Rank this res	search b	ased on	its prop	osal cos	t compa	red to ar	nticipated	bene	fits)	
	1	2	3	4	5	6	7	8	9	10	
	Poor				God	od			E	xcellent	
	Regional Si	ianifica	nce								
	(Circle the Te			uction R	Regions I	mpacted	by this	proposal	)		
	0		Б.			D 0) /		0		OT TD	
	Statewide	e or	BL	EP	HP	RGV	RP	SL S	SRP	ST TP	
										TOTAI	RANKING
					CATION						
	- Texas Blacklar - El Paso Valley		.GV - Rio .P - Rollin			SRP - Sou ST - South		lling Plains	S		
	- High Plains		L - St. La		Т	P - Trans					
Revie	wer (Initials)										

Numb	er:	16-2	.0		Cate	egory:_	<u>Producti</u>	on Syster	ns		_
Title:_	Improving Dryla	and Proc	duction w	vith Inter	nsified C	ropping	Systems	5			
P.I.: <u>P</u>	aul DeLaune; I	Emi Kim	ura; Kati	e Lewis					Co	mpany: <u>TALR</u>	
Projec	t Duration (	Years):		9	_Proje	ct Year	#:	8	Fur	nding Requested:_	\$13,000
	0: '"		•	5							RANK
I.	Significance (Rank the sign						to Texas	Cotton F	Produc	cers)	
	1	2	3	4	5	6	7	8	9	10	
	Not Benefic	ial			Bene	ficial			Very	y Beneficial	
II.	Technical F	easibil	ity								
	(Rank the tech	hnical fe	asibility	of this re	esearch	based o	n scient	ific sound	lness a	and technical relevand	e)
	_1	2	3	4	5	6	7	8	9	10	
	Not Feasib	le			Feas	sible			Ver	y Feasible	
III.	Completion										
	(Rank this res	earch o	n its abili	ity to pro	oduce s	gnificant	results	to Texas	Cottor	n Producers in five yea	ars)
	1 Low	2	3	4	5 Mode	6 erate	7	8	9	10 High	
										-	
IV.	Cost / Bene (Rank this res		ased on	its prop	osal cos	st compa	red to aı	nticipated	bene	fits)	
	1	2	3	4	5	6	7	8	9	10	
	Poor	۷	3	4	Go		1	0		Excellent	
	Regional Si (Circle the Te			uction R	egions	Impacted	d by this	proposal	)		
	Statewide	e or	BL	EP	HP	RGV	RP	SL S	SRP	ST TP	
										TOTA	L RANKING
BI -	- Texas Blacklar	nds R		NAL LO Grande '			ıthern Ro	lling Plain:	s		
EP	- El Paso Valley - High Plains	R	P - Rollin L - St. La	g Plains		ST - South	n Texas		-		
Revie	wer (Initials)										

Numb	oer:	03	3-27		Ca	tegory:						
Title:_	Cotton Educat	ional a	nd Applie	ed Rese	arch Pro	gram for	Texas					
P.I.: <u> </u>	Benjamin McKr	night							Cc	mpany:_	TALE	
Proje	ct Duration (	Years								nding Re	equested:	\$30,000
												RANK
I.	Significand (Rank the sig						to Texa	as Cottor	n Produ	cers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic			•		eficial	•	·		y Benefi	cial	
II.	Technical I	- easik	oility									
	(Rank the ted	hnical	feasibilit	y of this	researc	h based	on scier	ntific sour	ndness	and techni	ical relevance	e)
	1	2	3	4	5	6	7	8	9	10		
	Not Feasik	ole			Fea	sible			Ve	ry Feasik	ole	
III.	Completior (Rank this re				roduce	significar	nt results	s to Texa	s Cotto	n Produce	rs in five yea	rs)
	1	2	3	4	5	6	7	8	9	10		
	Low					lerate				High		
IV.	Cost / Ben	efit										
	(Rank this re	-	based o	n its pro	posal co	ost compa	ared to a	anticipate	ed bene	efits)		
	1	2	3	4	5	6	7	8	9	10		
	Poor				Go	bod			I	Excellent		
	Regional S (Circle the Te			duction	Regions	s Impacte	ed by thi	s propos	al)			
	Statewid	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											TOTAL	RANKING
					OCATIO							
EP	- Texas Blackla P- El Paso Valle		RP - Rol	ling Plain	s	SRP - Sou	th Texas	_	ins			
	P - High Plains		SL - St. I	awrence	)	TP - Trar	s-Pecos	i 				
Revie	ewer (Initials)											

Numb	er:	09-3	32		Cate	egory:_	Pest Co	ontrol				
Title:_	Integrated Pest	Manag	<u>ement i</u>	n the Mi	d-Coast	of Texas	3					
P.I.: S	tephen Biles								Cc	ompany:_]	ΓALE	_
Projec	t Duration (	/ears):		10	_Proje	ct Year	·#:	10	Fu	ınding Re	quested:	\$9,500
												RANK
l.	Significance							<b>2</b>		,		
	(Rank the sign	nificance	e of the	benefits	of this r	esearch	to Lexa	s Cottor	n Produ	icers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic	ial			Bene	ficial			Ve	ry Benefic	ial	
II.	Technical F											
	(Rank the tech	nnical fe	asibility	of this i	esearch	based o	on scien	tific sou	ndness	and technic	cal relevance)	
	1	2	3	4	5	6	7	8	9	10		
	Not Feasib	le			Feas	ible			Ve	ry Feasib	le	
III.	Completion	of Pro	posal									
	(Rank this res			ility to pr	oduce s	ignifican	t results	to Texa	s Cotto	on Producer	s in five years	3)
	1	2	3	4	5	6	7	8	9	10		
	Low	_	O	7	Mode		•	O	3	High		
IV.	Cost / Bene	fit										
	(Rank this res		ased or	n its prop	osal cos	st compa	ared to a	anticipate	ed bene	efits)		
	1	2	3	4	5	6	7	8	9	10		
	Poor	2	5	7	Go		,	O		Excellent		
	Regional Si (Circle the Tex			duction F	Regions	Impacte	d by this	s nronos	:al)			
	(Onoic the rea	ido Ooti	.011110	adollon	togionio	mpaoto	a by till	э ргороз	iai)			
	Statewide	or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											ΤΟΤΔΙ	RANKING
			REGIO	ONAL LO	CATIO	V					IOIAL	
	<ul> <li>Texas Blacklan</li> <li>El Paso Valley</li> </ul>			o Grande ing Plains	Valley S	SRP - So ST - Sout		olling Pla	ins			
	- High Plains			awrence		ΓP - Tran						
Revie	wer (Initials)											

Number: 06-34 Category: Production Systems	
Title: Evaluation of New Technology and Production Practices for the Texas Coastal Plains	
P.I.: Josh McGinty Company: T	ALE
Project Duration (Years): 16 Project Year #: 15 Funding Rec	quested: <u>\$30,000</u>
	RANK
I. Significance to Texas Cotton Producers (Rank the significance of the benefits of this research to Texas Cotton Producers)	
1 2 3 4 5 6 7 8 9 10	
Not Beneficial Beneficial Very Benefici	ial
II. Technical Feasibility	
(Rank the technical feasibility of this research based on scientific soundness and technic	:al relevance)
1 2 3 4 5 6 7 8 9 10	
Not Feasible Feasible Very Feasible	е
III. Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers	s in five years)
1 2 3 4 5 6 7 8 9 10 Low Moderate High	
IV. Cost / Benefit (Rank this research based on its proposal cost compared to anticipated benefits)	
1 2 3 4 5 6 7 8 9 10 Poor Good Excellent	
Regional Significance (Circle the Texas Cotton Production Regions Impacted by this proposal)	
Statewide or BL EP HP RGV RP SL SRP ST	TP
	TOTAL RANKING
REGIONAL LOCATION  BL - Texas Blacklands RGV - Rio Grande Valley SRP - Southern Rolling Plains  EP - El Paso Valley RP - Rolling Plains ST - South Texas  HP - High Plains SL - St. Lawrence TP - Trans-Pecos	
Reviewer (Initials)	

Numb	er:	03-	45		Cate	gory:_							
Title:_	Determination	of the N	leed to	Purchas	e Cotton K	its for t	he "Ag i	n the Cl	assroom	Program	n" and How	is Wo	uld Benefit
the Tex	as Cotton Indu	stry											
P.I.: <u>A</u>	aron Nelsen								Cor	mpany:	TCP		
Projec	ct Duration (	Years)	:	1	Project	Year	#:	1	Fur	nding Re	equested:	:\$	88,750
													RANK
I.	Significance (Rank the sign						to Toya	s Cotton	Produc	ore)			
	(Natik tile Sigi	illicario	e or the	Denenis	5 01 11115 165	earcii	то теха	S COILOI	i Fioduc	eis)			
	1	2	3	4	_		7	8	9	10			
	Not Benefic	ial			Benefic	cial			Very	/ Benefi	cıal		
II.	Technical F (Rank the tec			v of thic	rocoarch b	acad a	n scion	tific cour	ndnoss s	and tachr	vical relevan	200)	
	(Nank the tec	milican	easibilit	y OI IIIIS	research	aseu c	ni scien	unc soui	iui iess a	and tecin	licai relevai	ice)	
	1	_	3	4	5		7	8					
	Not Feasib	le			Feasik	ole			ver	y Feasi	ble		
III.	Completion (Rank this res				roduce cia	oificon	t rooulto	to Toyo	o Cottor	Droduo	ara in fivo v	ooro)	
	(Rank uns res	earch	on its at	niity to p	roduce sig	IIIICan	i resuits	ю теха	is Collor	i Pioduce	ers in live yo	ears)	
	. 1	2	3	4		-	7	8	9	10			
	Low				Modera	ate				High			
IV.	Cost / Bene (Rank this res		oood o	n ita nrai	nagal agat	oomno	rad ta a	ntininata	ad banaf	ita)			
	(Nailk IIIIS 165	еанн	Jaseu U	ii its pioj	posai cosi	compa	iieu io a	iriticipate	eu benei	115)			
	_1	2	3	4	5	6	7	8	9 _	10			
	Poor				Good	d			E	xcellen	t		
	Regional Si												
	(Circle the Te	xas Co	tton Pro	duction	Regions In	npacte	d by this	s propos	al)				
	Statewide	e or	BL	EP	HP F	RGV	RP	SL	SRP	ST	TP		
											TOT		4 N.II./INI.O
			REGI	ONALLO	OCATION						1017	AL RA	ANKING
	- Texas Blacklar		RGV - Ri	o Grande	e Valley SF			olling Pla	ins				
	<ul><li>El Paso Valley</li><li>High Plains</li></ul>			ing Plain: _awrence			h Texas s-Pecos						
Revie	wer (Initials)												

Numb	er:	15-47	7	Category:	Product	ion Systems		
Title:_	Herbicide Resi	stant Wee	eds & Manage	ement				
P.I.: <u>F</u>	Peter Dotray					(	Company: TALR	
Projec	ct Duration (	rears):_	11	_Project Yea	r #:	<u>11                                   </u>	Funding Requested:_	\$50,000
								RANK
I.	Significance (Rank the sign			Producers s of this research	to Texas	s Cotton Prod	ducers)	
	1 Not Benefic	2 ial	3 4	5 6 Beneficial	7	8 9 V	10 ery Beneficial	
II.	Technical F (Rank the tech			research based	on scient	ific soundnes	ss and technical relevance	e)
	1 Not Feasib	2 le	3 4	5 6 Feasible	7		10 /ery Feasible	
III.	Completion (Rank this res			roduce significar	nt results	to Texas Co	tton Producers in five yea	urs)
	1 Low	2	3 4	5 6 Moderate	7	8 9	10 High	
IV.	Cost / Bene (Rank this res		sed on its pro	posal cost compa	ared to a	nticipated be	nefits)	
	1 Poor	2	3 4	5 6 Good	7	8 9	10 Excellent	
	Regional Si (Circle the Te			Regions Impacte	ed by this	proposal)		
	Statewide	e or	BL EP	HP RGV	RP	SL SR	P ST TP	
			550,00,141,1	00471011			TOTAL	RANKING
EP	- Texas Blacklar - El Paso Valley - High Plains	nds RG RP	REGIONAL L BV - Rio Grand P - Rolling Plain - St. Lawrence	e Valley SRP - So s ST - Sou	th Texas	olling Plains		
Revie	wer (Initials)						_	

Numb	er:	01-5	50		Cate	egory:_					
Title:_	Using Ag-Care	s to Enh	ance Co	tton Pro	duction	and Prof	itability f	or the Te	xas So	outhern High Plains	
P.I.: <u>V</u>	Vayne Keeling								Co	mpany: TALR	
Projec	ct Duration (`	Years):		22	_Projec	ct Year	#:	22	Fu	nding Requested:	\$27,500
I.	Significance (Rank the sign						o Texas	s Cotton	Produc	cers)	RANK
	1 Not Benefic	2 cial	3	4	5 Benef	6 ficial	7	8	9 Ver	10 y Beneficial	
II.	Technical F (Rank the tec			of this re	esearch	based o	n scient	ific sound	dness	and technical relevar	nce)
	1 Not Feasib	2 le	3	4	5 Feas	6 ible	7	8		10 ry Feasible	
III.	Completion (Rank this res			ty to pro	oduce si	gnificant	results	to Texas	Cotto	n Producers in five ye	ears)
	1 Low	2	3	4	5 Mode	6 rate	7	8	9	10 High	
IV.	Cost / Bene (Rank this res		ased on	its prop	osal cos	t compa	red to a	nticipated	d bene	fits)	
	1 Poor	2	3	4	5 God	6 od	7	8	9 E	10 Excellent	
	Regional S (Circle the Te			uction R	degions l	Impacted	I by this	proposa	I)		
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST TP	
EP HP	- Texas Blacklar - El Paso Valley - High Plains	R S		Grande g Plains	5		Texas	olling Plain	ıs	TOTA	AL RANKING
IZENIE.	wer (Initials)										

Number: 03-53 Category: Marketing / Economics  Title: Analysis of the Policy Options and Market Conditions for Texas Cotton Farms												
Title:_	Analysis of the	Policy C	ptions a	nd Mark	cet Conc	litions for	Texas (	Cotton Fa	rms			
P.I.: <u> </u>	lenry Bryant								_Co	mpany: <u>TALR</u>		
Projec	ct Duration (	Years):	{	8	_Proje	ct Year	#:	8	_Fur	nding Requested	d: <u>\$12,500</u>	
l.	Significance (Rank the sign						to Texas	Cotton P	roduc	cers)	RAN	1K
	1 Not Benefic	2 cial	3	4	5 Bene	6 ficial	7	8	9 Very	10 y Beneficial		
II.	Technical F (Rank the tec			of this re	esearch	based o	n scienti	fic sound	ness a	and technical releva	ance)	
	1 Not Feasib	2 le	3	4	5 Feas	6 ible	7	8	9 Ver	10 ry Feasible		
III.	Completion (Rank this res			ty to pro	oduce si	gnificant	results	to Texas (	Cottor	n Producers in five	years)	
	1 Low	2	3	4	5 Mode	6 erate	7	8	9	10 High		
IV.	Cost / Bene (Rank this res		ased on	its prop	osal cos	st compa	red to ar	nticipated	bene	fits)		
	1 Poor	2	3	4	5 Go	6 od	7	8	9 E	10 Excellent		_
	Regional Si (Circle the Te			uction R	egions	Impacted	d by this	proposal)	)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL S	SRP	ST TP		
			DECIO	NIAL LO	C A T   C	.1				ТОТ	AL RANKIN	IG
EP	- Texas Blacklar - El Paso Valley - High Plains	R	REGIOI GV - Rio P - Rollin L - St. Lav	Grande ' g Plains	Valley S		n Texas	lling Plains	5			
Revie	wer (Initials)											

Numb	er:	06-0	<u> 61                                    </u>		Cat	egory:_	Product	tion Syst	ems		
Title:_	Investigation o	f New T	<u>echnolo</u>	gy and F	roductio	n Praction	ces for t	he Black	lands o	of Texas	
P.I.: <u>B</u>	<u>enjamin McKn</u>	ight; Da	vid Drak	ке					Cc	ompany: <u>TALE</u>	
Projec	t Duration (	Years)	:	19	_Proje	ct Year	·#:	18	Fu	ınding Requested:_	\$23,000
l.	Significance (Rank the sig						to Texa	s Cotton	ı Produ	icers)	RANK
	1 Not Benefic	2 cial	3	4	5 Bene	6 ficial	7	8	9 Ve	10 ry Beneficial	
II.	Technical F (Rank the tec			of this i	esearch	based o	on scien	tific sour	ndness	and technical relevance	ce)
	1 Not Feasib	2 ole	3	4	5 Feas	6 sible	7	8	9 V∈	10 ery Feasible	
III.	Completion (Rank this res			ility to pr	oduce s	ignifican	t results	to Texa	s Cotto	on Producers in five yea	ars)
	1 Low	2	3	4	5 Mode	6 erate	7	8	9	10 High	
IV.	Cost / Bene (Rank this res		ased or	n its prop	osal cos	st compa	red to a	nticipate	ed bene	efits)	
	1 Poor	2	3	4	5 Go	6 od	7	8	9	10 Excellent	
	Regional S (Circle the Te			duction I	Regions	Impacte	d by this	s propos	al)		
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST TP	
										TOTA	L RANKING
EP HP	- Texas Blacklar - El Paso Valley - High Plains	, F	RGV - Ric RP - Rolli				h Texas	olling Pla	ins		
Revie	wer (Initials)										

Numb	er:	01-6	52		Cat	egory:_	Marketi	ng / Eco	nomics			
Title:_	Master Markete	er Progra	am									
P.I.: <u>N</u>	1ark Welch; Joh	n Robir	nson; Er	mmy Kip	hen				Cc	mpany:_	TALE	_
Projec	t Duration (\	rears):		23	_Proje	ct Year	#: <u></u>	22	Fu	ınding Re	equested:	\$10,000
l.	Significance (Rank the sign						to Texa	s Cottor	n Produ	icers)		RANK
	1 Not Benefic	2 ial	3	4	5 Bene	6 ficial	7	8	9 Vei	10 ry Benefic	cial	
II.	Technical F (Rank the tech			of this r	esearch	n based o	on scien	tific sour	ndness	and techni	ical relevance	∍)
	1 Not Feasib	2 le	3	4	5 Feas		7	8		10 ery Feasik	ole	
III.	Completion (Rank this res			ility to pr	oduce s	ignifican	t results	to Texa	as Cotto	on Produce	ers in five year	rs)
	1 Low	2	3	4	5 Mode	6 erate	7	8	9	10 High		
IV.	Cost / Bene (Rank this res		ased or	n its prop	osal co	st compa	ared to a	nticipate	ed bene	efits)		
	1 Poor	2	3	4	5 Go	6 od	7	8	9	10 Excellent	:	
	Regional Si (Circle the Tex			duction F	Regions	Impacte	d by this	s propos	al)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											TOTAL	. RANKING
EP	- Texas Blacklan - El Paso Valley - High Plains	R	:GV - Rid :P - Rolli	ONAL LC o Grande ng Plains awrence	Valley	N SRP - So ST - Sout TP - Tran	h Texas	olling Pla	iins			
Revie	wer (Initials)											

Numb	er:	17-6	64		Cate	gory:_						
	Developing Bio											
P.I.: <u>N</u>	louereddine Ab	idi							Co	mpany:_	ΓTU	
Projec	t Duration (	rears):		7	_Projec	t Year	#:	6	Fu	nding Re	quested:	\$25,000
												RANK
I.	Significance (Rank the sign						to Texas	s Cotton	Produ	cers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic	ial			Benef				Ver	y Benefic	ial	
II.	Technical F			. af thia m		h a a a d		.: <b>:</b> :		and tacks:		a 🔲
	(Rank the tecl	nnicai te	asibility	of this r	esearcn	based c	n scient	TITIC SOUR	naness	and technic	cai reievance	<del></del>
	_1	2	3	4			7	8				
	Not Feasib	le			Feasi	ble			Ve	ry Feasib	le	
III.	Completion (Rank this res			ility to pr	oduce siç	gnifican	t results	to Texa	s Cotto	n Producer	s in five year	rs)
	1 Low	2	3	4	5 Mode	_	7	8	9	10 High		
IV.	Cost / Bene (Rank this res		ased or	n its prop	osal cost	t compa	red to a	nticipate	ed bene	efits)		
	1 Poor	2	3	4	5 Goo	6 od	7	8	9	10 Excellent		
	Regional Si (Circle the Te			duction F			d by this	propos				
	Statewide	or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											TOTAL	RANKING
EP HP	- Texas Blacklan - El Paso Valley - High Plains	R S	:GV - Rid :P - Rolli				n Texas	olling Pla	ins			
Kevie	wer (Initials)											

Numb	er:	18-0	68		Cat	egory:_	Genetic	: Improve	<u>ements</u>			_
Title:_	Commonality a	nd Diffe	erence o	f Diseas	e Mecha	<u>ınisms U</u>	nerlying	Cotton	Verticill	ium and Fusariur	m Wilt	
P.I.: <u>L</u>	ibo Shan; Terr	y Wheel	ler						Cc	mpany: <u>TALR</u>		_
Projec	ct Duration (	Years)	:	6	_Proje	ct Year	·#:	5	Fu	nding Reques	sted:	\$50,000
l.	Significance (Rank the sig						to Texa	s Cottor	n Produ	cers)		RANK
	1 Not Benefic	2 cial	3	4	5 Bene	6 ficial	7	8	9 Ver	10 ry Beneficial		
II.	Technical F (Rank the tec			of this (	esearch	based o	on scien	tific soui	ndness	and technical re	levance)	
	1 Not Feasib	2 lle	3	4	5 Feas	6 sible	7	8	9 Ve	10 ry Feasible		
III.	Completion (Rank this res			ility to pr	oduce s	ignifican	t results	to Texa	s Cotto	on Producers in f	ive years)	
	1 Low	2	3	4	5 Mode	6 erate	7	8	9	10 High		
IV.	Cost / Bene (Rank this res		oased or	n its prop	osal cos	st compa	ared to a	ınticipate	ed bene	efits)		
	1 Poor	2	3	4	5 Go	6 od	7	8	9 I	10 Excellent		
	Regional S (Circle the Te			duction I	Regions	Impacte	d by this	s propos	al)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST TP		
										Т	OTAL F	RANKING
EP	- Texas Blacklar - El Paso Valley - High Plains	F	RGV - Ri RP - Roll	ONAL LO o Grande ing Plains awrence	Valley	N SRP - So ST - Sout TP - Tran	h Texas	olling Pla	iins			
Revie	wer (Initials)											

Numb	oer:	18	3-71 <u> </u>		Ca	tegory:	Fertiliza	ation / Irr	rigation				
Title:_	Potential Use	and E	Efficacy o	of Benef	ficial Mic	ro-organ	isms to	Enhand	e Cotto	n Produc	tivity and So	oil Hea	Ith in the
<u>Texas</u>	Southern High	Plains											
P.I.: <u> </u>	<u>indsey Slaugh</u>	ter							Co	mpany:	TTU		
Proje	ct Duration (	Years	s):	5	Proje	ect Yea	r #:	5	Fu	nding R	equested:	\$10	0,000
													RANK
l.	Significanc (Rank the sig						to Toyo	o Cotto	n Drodu	oore)			
	(Nank the sig	illicari	ice or the	Denent	5 01 11115	research	io rexa	is Colloi	ii Fioduc	Je15)			
	1	_	3	4		_	7	8	9				
	Not Benefic	cial			Bene	eficial			Ver	y Benef	icial		
II.	Technical F (Rank the tec			v of this	researc	h hased i	on scien	itific sou	ndness	and techi	nical relevan	nce)	
	(Italik tilo toc	minoai	TOGOIDIII	y or triio	researe	ii basca (	011 001011	11110 300	nancoo i	ana toom	noai reievan	100)	
	1	2	3	4	5		7	8	9		la la		
	Not Feasik	oie			rea	sible			vei	ry Feasi	bie		
III.	Completior (Rank this re:				roduce :	significar	nt results	s to Texa	as Cotto	n Produc	ers in five ve	ears)	
	(			,, to p		_					,	74	
	1	2	3	4	5 Mad	6 erate	7	8	9	10			
	Low				IVIOU	erale				High			
D /	0/ D	. Cr											
IV.	Cost / Bene (Rank this res		based o	n its pro	posal co	st compa	ared to a	anticipat	ed bene	fits)			
				-									
	1 Poor	2	3	4	5 Go	6 ood	7	8	9 F	10 Excellen	t		
	. 00.				•	,			_		.•		
	Regional S (Circle the Te			duction	Regions	Impacte	ed by this	s nronos	sal)				
	(Onoic tro re	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		duction	regione	mpacie	o by till	з ргорос	sai)				
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP		
											TOTA	L RA	NKING
DI	Taura Dia dila				OCATIO		th D	- III DI-					
EP	<ul> <li>Texas Blackla</li> <li>El Paso Valley</li> </ul>		RP - Roll	ling Plain	S	SRP - Sou	th Texas	olling Pla	ains				
HP	' - High Plains		SL - St. L	_awrence	)	TP - Trar	s-Pecos						

Reviewer (Initials) \_\_\_\_\_

Numb	oer:	18	-73		Cat	egory:	Fertiliza	ition / Irr	igation				
Title:_	Nutrient Accu	mulatio	n and Re	equireme	ents of M	odern C	otton Cu	ıltivars ir	n the So	uthern H	igh Plains ar	nd Rolli	ing Plains
of Texa	as												
P.I.: <u> ł</u>	Katie Lewis								Co	mpany:	TALR		
Proje	ct Duration (	Years	):	6	_Proje	ct Yea	r#:	5	Fur	nding R	Requested:	\$3	6,000
	0												RANK
l.	Significand (Rank the sig						to Texa	s Cottor	n Produc	ers)			
	1 Not Benefi	2 cial	3	4		6 eficial	7	8	9 Very	10 y Bene	ficial		
II.	Technical (Rank the tec			y of this	research	n based (	on scien	tific sou	ndness a	and tech	nical relevar	nce)	
	1 Not Feasil	2 ole	3	4	5 Feas	6 sible	7	8	9 Ver	10 y Feas	ible		
III.	Completion (Rank this re				roduce s	significan	t results	to Texa	as Cottor	n Produc	ers in five ye	ears)	
	1 Low	2	3	4	5 Mode	6 erate	7	8	9	10 High			
IV.	Cost / Ben (Rank this re		based o	n its pro	posal co	st compa	ared to a	ınticipat	ed bene	fits)			
	1 Poor	2	3	4	5 Go	6 ood	7	8	9 E	10 Exceller	nt		
	Regional S (Circle the Te			duction	Regions	Impacte	d by this	s propos	sal)				
	Statewid	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP		
											TOTA	AL RA	NKING
EP	- Texas Blackla - El Paso Valle - High Plains			o Grande ing Plain			h Texas	olling Pla	ains				

Reviewer (Initials) \_\_\_\_\_

Numb	er:	18-7	74		Cat	tegory:_	Pest Co	ntrol				
Title:_	Economic Eval	uation c	f Insect-	Pest Ma	nagem	ent in Wa	ter-Defi	cit Cottor	n Prod	uction		
P.I.: <u>N</u>	<u>/legha Parajule</u>	е							Cc	ompany: <u> </u>	TALR	
Projec	ct Duration (	Years):		7	_Proje	ect Year	#:	6	Fu	ınding Red	quested:	\$30,000
												RANK
I.	Significance (Rank the sign						to Texa	s Cotton	Produ	icers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic	ial			Bene	eficial			Ve	ry Benefic	ial	
II.	Technical F	- easibi	litv									
	(Rank the tec		•	of this r	esearch	h based o	on scient	tific soun	dness	and technic	cal relevance	)
	1	2	3	4	5		7	8	9			
	Not Feasib	le			Fea	sible			Ve	ery Feasib	le	
III.	Completion (Rank this res			lity to pr	oduce s	significan	t results	to Texas	s Cotto	on Producer	s in five year	s)
	1 Low	2	3	4	5 Mod	6 erate	7	8	9	10 High		
IV.	Cost / Bene (Rank this res		ased on	its prop	osal co	st compa	ared to a	nticipate	d bene	efits)		
	1 Poor	2	3	4	5 Go	6 ood	7	8	9	10 Excellent		
	Regional Si (Circle the Te			duction F	Regions	Impacte	d by this	s proposa	al)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											TOTAL	RANKING
RI	- Texas Blacklar	nds F		NAL LO		N SRP - So	uthern R	olling Plair	ns			
EP	- El Paso Valley - High Plains	F		ng Plains		ST - Sout TP - Tran	h Texas					
Revie	wer (Initials)											

Numb	er:	19	-75		Ca	tegory:	Genetic	: Improv	ements				
Title:_	Effects of Ear	ly Seas	son Plan	ting and	Soil Ph	ysical Er	vironme	ent on th	e Growt	h, Develo	opment and	Yield of	Cotton-
<u>Germp</u>	lasm with Cold	Germi	nation Al	bility									
P.I.: <u>S</u>	Sanjit Deb								Co	mpany:	TTU		
Projec	ct Duration (	Years	):	5	Proje	ect Yea	r #:	4	Fur	nding R	equested:_	\$21	,437
_				_									RANK
l.	Significanc (Rank the sig						to Texa	ıs Cottoi	n Produc	ers)			
	(rtaint are erg	, moan			<i>o</i>	100001011	to rone			ŕ			
	1 Not Benefic	2	3	4		6 eficial	7	8	9 Von		ioiol		
	NOT Delient	Jiai			ben	enciai			ver	y Benef	iciai		
	Tankaisalf	:	. 996										
II.	Technical F (Rank the tec			y of this	researc	h based	on scien	tific sou	ndness a	and techr	nical relevan	ce)	
												,	
	1 Not Feasib	2 Ne	3	4	5 Fea	6 sible	7	8	9 Vei	10 y Feasi	hle		
	140t i Casic				1 00	Sibio			۷С۱	y i casi	ыс		
III.	Completion	of D	roposal										
111.	(Rank this re				roduce	significar	t results	to Texa	as Cottoi	n Produc	ers in five ye	ars)	
	1	2	3	4	5	6	7	8	9	10			
	Low	2	3	7		erate	,	O	3	High			
IV.	Cost / Bene	efit											
	(Rank this re	search	based o	n its pro	posal co	st compa	ared to a	anticipat	ed bene	fits)			
	1	2	3	4	5	6	7	8	9	10			
	Poor				G	ood			E	xcellen	t		
	Regional S	ianific	ance										
	(Circle the Te			duction	Regions	Impacte	ed by this	s propos	sal)				
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP		
			REGI	ONAL L	OCATIC	)NI					ТОТА	L RAI	NKING
	- Texas Blackla		RGV - Ri	io Grande	e Valley	SRP - Sc		olling Pla	ains				
	<ul><li>El Paso Valley</li><li>High Plains</li></ul>			ling Plain ₋awrence		ST - Sou TP - Trar							

Reviewer (Initials) \_\_\_\_\_

Numb	er:	19-7	6		Cate	egory:_	Genetic	Improve	ements			
Title:_	Exploration and	d Discov	ery of the	e Cottor	n Microb	iome in t	the Texa	s South	ern Hig	h Plains		
P.I.: <u>L</u>	indsey Slaught	er							Cc	mpany:_	TTU	_
Projec	ct Duration (	/ears):		4	_Projed	ct Year	#:	4	Fu	nding Re	quested:	\$22,000
												RANK
l.	Significance (Rank the sign						to Texas	s Cotton	Produ	cers)		
	1 Not Benefic	2 ial	3	4	5 Bene	6 ficial	7	8	9 Ver	10 ry Benefic	cial	
II.	Technical F (Rank the tech			of this r	esearch	based o	on scient	tific sour	ndness	and technic	cal relevance	e)
	1 Not Feasib	2 le	3	4	5 Feas		7	8	9 Ve	10 ry Feasib	le	
III.	Completion (Rank this res			ty to pro	oduce si	gnifican	t results	to Texa	s Cotto	n Producei	rs in five year	·s)
	1 Low	2	3	4	5 Mode	6 erate	7	8	9	10 High		
IV.	Cost / Bene (Rank this res		ased on	its prop	osal cos	st compa	red to a	nticipate	ed bene	efits)		
	1 Poor	2	3	4	5 God	6 od	7	8	9 I	10 Excellent		
	Regional Si (Circle the Tex			uction F	Regions	Impacte	d by this	propos	al)			
	Statewide	or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											TOTAL	RANKING
EP	- Texas Blacklan - El Paso Valley - High Plains	R	REGIO GV - Rio P - Rollin L - St. La	Grande g Plains			h Texas	olling Pla	ins			
Revie	wer (Initials)											

Numb	oer:	19-	.77		Cat	egory:_							
Title:_	Chemical and	Structu	ıral Prop	erties of	f the Cot	ton Fibe	Base a	and Asso	ciated S	Seed Coa	at and Their	Impact	on Fiber
Quality	,												
P.I.: 1	Noureddine Abi	di							Cor	npany:	TTU		
Projed	ct Duration (									nding R	equested:	\$22	2,500
l.	Significanc (Rank the sig						to Texa	as Cottor	n Produc	ers)			RANK
	1 Not Benefic	2 cial	3	4	5 Bene	_	7	8	9 Very	10 / Benef	icial		
II.	Technical F			of this	research	ı based o	on scien	ıtific souı	ndness a	and techi	nical relevan	ce)	
	1 Not Feasib	2 ole	3	4	5 Feas	6 sible	7	8	_	10 y Feas	ible		
III.	Completion (Rank this res			ility to p	roduce s	ignifican	t results	s to Texa	ıs Cottor	n Produc	ers in five ye	ears)	
	1 Low	2	3	4	5 Mode	_	7	8	9	10 High			
IV.	Cost / Bene (Rank this res		based o	n its pro	posal cos	st compa	ared to a	anticipate	ed benef	its)			
	1 Poor	2	3	4	5 Go	6 od	7	8	9 E	10 Exceller	nt		
	Regional S (Circle the Te			duction	Regions	Impacte	d by thi	s propos	al)				
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP		
			REGI	ONAL L	OCATIO	N					TOTA	L RA	NKING
EP	- Texas Blacklaı - El Paso Valley - High Plains	<i>/</i>		o Grande ing Plain	e Valley s		h Texas		iins				
Revie	wer (Initials)												

Numb	er:	19-	78		Ca	tegory:	Pest Co	ontrol				
Title:_	Integrated Pes	t Manag	gement	in the Up	per Coa	ast of Tex	(as					_
P.I.: <u>k</u>	Kate Crumley								Co	mpany:_	TALE	
Projec	ct Duration (`	Years)	:	4	_Proje	ect Year	r #:	4	Fu	nding Re	equested:_	\$8,630
												RANK
l.	Significance (Rank the sign						to Texa	as Cottor	n Produc	cers)		KANK
	1 Not Benefic	2 cial	3	4	5 Bene	6 eficial	7	8	9 Ver	10 y Benefi	cial	
II.	Technical F (Rank the tec			y of this	researc	h based o	on scien	ntific soul	ndness	and techn	ical relevance	e)
	1 Not Feasib	2 le	3	4	5 Fea	6 sible	7	8	9 Vei	10 ry Feasi	ble	
III.	Completion (Rank this res				roduce	significan	t results	s to Texa	as Cotto	n Produce	ers in five yea	rs)
	1 Low	2	3	4	5 Mod	6 erate	7	8	9	10 High		
IV.	Cost / Bene (Rank this res		oased o	n its prop	oosal co	ost compa	ared to a	anticipate	ed bene	fits)		
	1 Poor	2	3	4	5 Go	6 ood	7	8	9 E	10 Excellen	t	
	Regional S (Circle the Te			duction	Regions	s Impacte	ed by this	s propos	al)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											TOTAL	RANKING
EP	- Texas Blacklar - El Paso Valley - High Plains		RGV - Ri RP - Roll	ONAL LO io Grande ling Plains Lawrence	Valley	ON SRP - So ST - Sout TP - Tran	th Texas	_	iins			
Revie	wer (Initials)											

Numb	er:	19-8	30		Cat	egory:_					
Title:_	Data Driven M	odels fo	r In-Sea	son Mar	nagemer	nt and Yie	eld Fore	casting			
P.I.: <u>J</u>	uan Landivar								Cc	mpany: <u>TALR</u>	
Projec	ct Duration (	Years):		4	_Proje	ct Year	#:	4	Fu	inding Requested:	\$25,000
											RANK
I.	Significance (Rank the sig						to Texa	s Cotton	Produ	cers)	
	1	2	3	4	5	6	7	8	9	10	
	Not Benefic	cial			Bene	ficial			Ver	ry Beneficial	
II.	Technical F										,
	(Rank the tec	hnical fe	easibility	of this	research	based o	on scien	tific sour	ndness	and technical relevand	ce)
	1	. 2	3	4	5		7	8		10	
	Not Feasib	ole			Feas	sible			Ve	ry Feasible	
III.	Completion (Rank this res			ility to pı	roduce s	ignifican	t results	to Texa	s Cotto	on Producers in five ye	ars)
	1 Low	2	3	4	5 Mode	6 erate	7	8	9	10 High	
IV.	Cost / Bene (Rank this res		ased or	n its prop	oosal cos	st compa	ared to a	anticipate	ed bene	efits)	
	1 Poor	2	3	4	5 Go	6 od	7	8	9	10 Excellent	
	Regional S (Circle the Te			duction I	Regions	Impacte	d by this	s propos	al)		
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST TP	
										ТОТА	L RANKING
	- Texas Blacklar		RGV - Ric	Grande		SRP - So		olling Plai	ins		
	<ul><li>El Paso Valley</li><li>High Plains</li></ul>			ng Plains awrence		ST - Sout TP - Tran					
Revie	wer (Initials)										

Numb	oer:	20-	81		Cat	tegory:_	Fertiliza	ation / Irr	igation				
Title:_	Optimizing Nit	rogen N	<u>lanagen</u>	nent in D	Oryland (	Cotton U	sing Pre	cision A	griclultur	e Techn	ologies in the	e South	nern High
Plains													
P.I.: \	Wensuan Guo								Cor	npany:	TTU		
Projed	ct Duration (	Years)	:	4	_Proje	ect Year	r#:	3	Fur	nding R	equested:	\$30	0,606
l.	Significanc (Rank the sig						to Texa	as Cottor	n Produc	ers)			RANK
	1 Not Benefic	2 cial	3	4	5 Bene	6 eficial	7	8	9 Very	10 / Benef	icial		
II.	Technical F			y of this	research	n based (	on scien	itific soui	ndness a	and tech	nical relevan	ce)	
	1 Not Feasib	2 ole	3	4		6 sible	7	8	9 Ver	10 y Feas	ible		
III.	Completion (Rank this res			ility to p	roduce s	significan	t results	s to Texa	as Cottor	n Produc	ers in five ye	ears)	
	1 Low	2	3	4	5 Mod	6 erate	7	8	9	10 High			
IV.	Cost / Bene (Rank this res		oased o	n its pro	posal co	st compa	ared to a	anticipate	ed benef	its)			
	1 Poor	2	3	4	5 Go	6 ood	7	8	9 E	10 xceller	ıt		
	Regional S (Circle the Te			duction	Regions	Impacte	d by thi	s propos	al)				
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP		
			REGIO	ONAL L	OCATIO	)N					TOTA	L RA	NKING
EP	- Texas Blackla - El Paso Valley - High Plains	/	RGV - Ri RP - Roll		e Valley s	SRP - So ST - Sout TP - Tran	h Texas		iins				
Revie	wer (Initials)	)											

Numb	er:	20-8	32		Cate	egory:_	Pest Co	ntrol			
Title:_	Management C	Options t	o Alleviat	te Nega	tive Imp	acts of R	eniform	Nematoo	de in C	otton	
P.I.: <u>R</u>	Reagan Noland								Co	mpany: <u>TALR</u>	
Projec	ct Duration (	Years):		3	_Proje	ct Year	#:	3	Fur	nding Requested:	\$20,000
I.	Significance (Rank the sign						to Texas	s Cotton I	Produc	cers)	RANK
	1 Not Benefic	2 ial	3	4	5 Bene	6 ficial	7	8	9 Ver	10 y Beneficial	
II.	Technical F (Rank the tech			of this re	esearch	based o	n scient	ific sounc	dness :	and technical relevan	ce)
	1 Not Feasib	2 le	3	4	5 Feas	6 sible	7	8	9 Ver	10 ry Feasible	
III.	Completion (Rank this res			ty to pro	oduce si	ignificant	results	to Texas	Cotto	n Producers in five ye	ears)
	1 Low	2	3	4	5 Mode	6 erate	7	8	9	10 High	
IV.	Cost / Bene (Rank this res		ased on	its prop	osal cos	st compa	red to aı	nticipated	l bene	fits)	
	1 Poor	2	3	4	5 Go	6 od	7	8	9 E	10 Excellent	
	Regional Si (Circle the Te			uction R	Regions	Impacted	d by this	proposal	l)		
	Statewide	e or	BL	EP	HP	RGV	RP	SL :	SRP	ST TP	
EP HP	- Texas Blacklar - El Paso Valley - High Plains	R	REGIOI GV - Rio P - Rollin L - St. La	Grande ' g Plains	Valley S		n Texas	olling Plain	S	ТОТА	L RANKING
IZENIE.	wer (Initials)										

Numb	er:	20-8	3		Cate	gory:_	Pest Co	ntrol				
Title:_	Evaluate the Ef	fect of C	Cover Cro	ps in R	oot Knot	Nemato	ode Incid	lence ar	nd Soil	Fertility in C	Cotton Fields	_
P.I.: <u>C</u>	Cecilia Monclova	3							Co	mpany:_]	ΓALR	
Projec	t Duration (Y	ears):		3	_Projec	t Year	#:	3	Fu	nding Re	quested:	\$20,000
												RANK
I.	Significance (Rank the sign						to Texas	Cotton	Produ	cers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic	ial			Benef				Ver	y Benefic	ial	
II.	Technical F	easibil	ity									
	(Rank the tech	nnical fe	asibility (	of this re	esearch	based o	n scient	ific soun	dness	and technic	cal relevance	)
	1	2	3	4	5	6	7	8	9	10		
	Not Feasibl	е			Feas	ible			Ve	ry Feasib	le	
III.	Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five y											s)
	1 Low	2	3	4	5 Mode	6 rate	7	8	9	10 High		
IV.	Cost / Bene (Rank this res		ased on i	its prop	osal cos	t compa	red to ar	nticipate	ed bene	fits)		
	1 Poor	2	3	4	5 God	6 od	7	8	9 E	10 Excellent		
	Regional Si (Circle the Tex			uction R	Regions I	mpacte	d by this	proposa	al)			
	Statewide	or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											TOTAL	RANKING
EP HP	- Texas Blacklan - El Paso Valley - High Plains	R	REGIOI GV - Rio P - Rollin L - St. Lav	Grande g Plains	S		n Texas	illing Plai	ns			
Revie	wer (Initials)											

Numb	er:	20-8	84		Ca	tegory:_	Pest Co	ontrol				
Title:_	Developing and	l Estblis	shing In	tegrated_	Pest Ma	anageme	nt Strate	egies for	Insect	Pest Contr	ol in Cotton	
P.I.: <u>\$</u>	<u>Suhas Vyavhere</u>	)							Co	mpany:_	TALR	
Projec	ct Duration (\	∕ears)	:	4	_Proje	ect Year	·#:	3	Fu	nding Re	equested:_	\$29,511
	0		•	5								RANK
I.	Significance (Rank the sign						to Texa	s Cottor	n Produ	cers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic		J	•		eficial	•	J		y Benefi	cial	
II.	Tochnical F	oocibi	lity									
11.	Technical F (Rank the tech			of this	researcl	n based o	on scien	tific sour	ndness	and techn	ical relevanc	e)
	1	2	3	4	5	6	7	8	9	10		
	Not Feasib	le			Fea	sible			Ve	ry Feasil	ble	
III.	Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five years)											urs)
	1 Low	2	3	4	5 Mod	6 erate	7	8	9	10 High		
IV.	Cost / Bene (Rank this res		oased o	n its prop	oosal co	st compa	ared to a	anticipate	ed bene	efits)		
	1 Poor	2	3	4	5 Go	6 ood	7	8	9 I	10 Excellen	t	
	Regional Si (Circle the Tex			duction I	Regions	Impacte	d by this	s propos	al)			
	Statewide	or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											TOTAL	RANKING
EP	- Texas Blacklan - El Paso Valley - High Plains	F	RGV - Ri RP - Roll	ONAL LO o Grande ing Plains awrence	Valley	N SRP - So ST - Sout TP - Tran	h Texas	olling Pla	iins			
Revie	wer (Initials)											

Numb	er:	20-	85		Ca	tegory:_	Pest Co	ontrol			
Title:_	Integrated Pes	t Mana	gement	in the Te	exas Bla	cklands					
P.I.: <u>1</u>	Tyler Mays								Co	mpany: TALR	
Projec	ct Duration (	Years)	:	3	_Proje	ect Year	·#:	3	Fu	nding Requested:	\$8,330
l.	Significanc						40 Taura	- O-#-	Dec de		RANK
	(Rank the sig	nilicand	e or the	benents	s or this	research	то теха	is Cottor	Produ	cers)	
	1 Not Benefic	2 cial	3	4	5 Bene	6 eficial	7	8	9 Ver	10 y Beneficial	
II.	Technical F			y of this	researcl	h based o	on scien	tific sour	ndness	and technical relevan	ce)
	1 Not Feasib	2 ole	3	4	5 Fea	6 sible	7	8	9 Ve	10 ry Feasible	
III.	Completion (Rank this res			ility to p	roduce	significan	t results	s to Texa	s Cotto	n Producers in five ye	ears)
	1 Low	2	3	4	5 Mod	6 erate	7	8	9	10 High	
IV.	Cost / Bene (Rank this res		oased o	n its prop	posal co	st compa	ared to a	anticipate	ed bene	fits)	
	1 Poor	2	3	4	5 Go	6 ood	7	8	9 E	10 Excellent	
	Regional S (Circle the Te			duction	Regions	: Impacte	d by this	s propos	al)		
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST TP	
										TOTA	L RANKING
EP	- Texas Blackla - El Paso Valley - High Plains	/	RGV - Ri RP - Roll	ONAL LO o Grande ing Plains awrence	e Valley s	N SRP - So ST - Sout TP - Tran	h Texas		ins		
Revie	wer (Initials)								<u>-</u> _		

Numb	er:	20-	86		Ca	tegory:	Pest Co	ontrol				
Title:_	Cotton Seeding	g Rate	Trial 202	22								
P.I.: <u> </u>	Danielle Sekula								Cc	mpany:_	TALR	
Projec	ct Duration (	Years)	:	3	_Proje	ect Yea	r#:	3	Fu	nding Re	equested:_	\$14,506
_				_								RANK
I.	Significance (Rank the sig						to Texa	s Cottor	n Produ	cers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic	ial				eficial				y Benefic	cial	
II.	Technical F (Rank the tec			v of this	researc	h based (	on scien	ıtific souı	ndness	and techni	ical relevanc	e)
	1 Not Feasib	2 مار	3	4	5 Faa	6 sible	7	8	9 \/e	10 ry Feasik	مام	
	Not i easib				i ca	Sibic			VC	ry i casik	)ie	
III.	Completion (Rank this res				roduce	significar	t results	s to Texa	as Cotto	n Produce	rs in five yea	urs)
	1	2	3	4	5	6	7	8	9	10		
	Low				Mod	erate				High		
IV.	Cost / Bene											
	(Rank this res	search I	oased o	n its prop	oosal co	st compa	ared to a	anticipate	ed bene	etits)		
	_1	2	3	4	5	6	7	8	9	10		
	Poor				Go	ood				Excellent		
	Regional S (Circle the Te			duction	Regions	s Impacte	d by thi	s propos	sal)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											TOTAL	RANKING
				ONAL LO								
	<ul> <li>Texas Blacklar</li> <li>El Paso Valley</li> </ul>			o Grande ing Plains		SRP - Sou		olling Pla	ains			
	- High Plains			awrence		TP - Trar						
Revie	wer (Initials)											

Numb	er:	20-	87		Ca	tegory:_	Pest Co	ontrol			
Title:_	Cotton Stalk H	erbicide	Trial 20	)22							
P.I.: <u></u>	Danielle Sekula								Co	mpany: TALR	
Projec	ct Duration (	Years)	:	3	_Proje	ect Year	#:	3	Fu	nding Requested:	\$7,206
l.	Significance (Rank the sig						to Texa	ıs Cotton	n Produc	cers)	RANK
	1 Not Benefic	2 cial	3	4	5 Bene	6 eficial	7	8	9 Ver	10 y Beneficial	
II.	Technical F (Rank the tec			y of this	researcl	h based o	on scien	itific sour	ndness	and technical relevan	ce)
	1 Not Feasib	2 ole	3	4	5 Fea	6 sible	7	8	9 Ve	10 ry Feasible	
III.	Completion (Rank this res			ility to p	roduce	significan	t results	s to Texa	s Cotto	n Producers in five ye	ears)
	1 Low	2	3	4	5 Mod	6 erate	7	8	9	10 High	
IV.	Cost / Bene (Rank this res		pased or	n its prop	oosal co	ost compa	ared to a	anticipate	ed bene	fits)	
	1 Poor	2	3	4	5 Go	6 ood	7	8	9 E	10 Excellent	
	Regional S (Circle the Te			duction	Regions	Impacte	d by this	s propos	al)		
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST TP	
EP HP	- Texas Blacklar - El Paso Valley - High Plains wer (Initials)	, E	RGV - Ri RP - Roll	ONAL LO o Grande ing Plains awrence	Valley	ON SRP - So ST - Sout TP - Tran	h Texas		ins	TOTA	L RANKING

Numb	er:	20-8	8		Cate	egory:_	Fertilizat	ion / Irriga	ation		
Title:_	Applied Agrono	mic Res	earch a	nd Exter	nsion to	Promote	Input E	ficiency i	n Wes	t Central Texas Cottor	n Production
P.I.: <u>R</u>	Reagan Noland								Coi	mpany: <u>TALR</u>	
Projec	ct Duration (	rears):		3	_Proje	ct Year	#:	3	Fur	nding Requested:_	\$32,550
1	Cianificano	s to To	Ca	44.00 Du		<b>*</b> 0					RANK
I.	Significance (Rank the sign						to Texas	Cotton F	Produc	cers)	
	1	2	3	4	5	6	7	8	9	10	
	Not Benefic	ial			Bene	ficial			Very	y Beneficial	
II.	Technical F	easibil	itv								
				of this re	esearch	based o	n scient	fic sound	lness a	and technical relevand	ce)
	1	2	3	4	5	6	7	8	9	10	
	Not Feasib	le			Feas	sible			Ver	ry Feasible	
III.	Completion	of Pro	posal								
				ity to pro	oduce si	gnificant	results	to Texas	Cottor	n Producers in five year	ars)
	. 1	2	3	4	5	6	7	8	9	10	
	Low				Mode	erate				High	
IV.	Cost / Bene	efit									
	(Rank this res	earch ba	ased on	its prop	osal cos	st compa	red to a	nticipated	benet	fits)	
	_1	2	3	4	5	6	7	8	9	10	
	Poor				Go	od			E	Excellent	
	Regional Si (Circle the Te			uction R	Regions	Impacted	d by this	proposal	)		
	Statewide	or	BL	EP	HP	RGV	RP	SL S	SRP	ST TP	
										TOTA	L RANKING
RI	- Texas Blacklan	ide R		NAL LO			ithern Ro	lling Plain	c		
EP	- Fexas Blacklan - El Paso Valley - High Plains	R	P - Rollin L - St. La	g Plains	5	ST - South TP - Trans	Texas	mig i iaili			
	wer (Initials)				<u> </u>						

Numb	er:	20-8	9		Cate	egory:_	<u>Fertilizat</u>	<u>ion / Irriga</u>	ation		
Title:_	Drought-Tolera	ance Scr	eening ar	nd Soil \	Nater N	<u>lonitoring</u>	to Assis	st Cotton I	Produ	ction in Southwest T	exas
P.I.: X	Kuejun Dong								_Coı	mpany: <u>TALR</u>	
Projec	ct Duration (	Years):	4	1	_Proje	ct Year	#:	3	_Fur	nding Requested	I: <u>\$28,000</u>
l.	Significance (Rank the sig						to Texas	: Cotton P	oroduc	cers)	RANK
	1 Not Benefic	2 cial	3	4	5 Bene	6 ficial	7	8	9 Very	10 y Beneficial	
II.	Technical F (Rank the tec			of this re	esearch	based o	n scienti	fic sound	ness a	and technical releva	ince)
	1 Not Feasib	2 le	3	4	5 Feas	6 sible	7	8	9 Ver	10 ry Feasible	
III.	Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five years										
	1 Low	2	3	4	5 Mode	6 erate	7	8	9	10 High	
IV.	Cost / Bene (Rank this res		ased on i	ts propo	osal cos	st compa	red to ar	nticipated	benef	fits)	
	1 Poor	2	3	4	5 Go	6 od	7	8	9 E	10 Excellent	
	Regional S (Circle the Te			uction R	egions	Impacted	d by this	proposal)	)		
	Statewide	e or	BL	EP	HP	RGV	RP	SL S	SRP	ST TP	
			DECION		CATIO	\I				ТОТ	AL RANKING
EP	- Texas Blacklar - El Paso Valley - High Plains	R	REGION GV - Rio ( P - Rolling L - St. Lav	Grande \ g Plains	Valley S		n Texas	lling Plains	5		
Revie	wer (Initials)										

Numb	er:	20-9	0		Cat	egory: <u>    l</u>	<u> Production</u>	on Systen	ns		
Title:_	Evaluation of A	gronomi	c Practic	es, Inpu	ıts and	Technolo	gy for C	otton Proc	ductio	on in the Texas High F	lains lains
P.I.: <u>N</u>	Murilo Maeda								_Co	mpany: <u>TALR</u>	
Projec	ct Duration (	Years):	3	3	_Proje	ct Year	#:	3	_Fu	nding Requested:	\$22,000
l.	Significance (Rank the sign						o Texas	Cotton P	Produ	cers)	RANK
	1 Not Benefic	2 ial	3	4	5 Bene	6 ficial	7	8	9 Ver	10 y Beneficial	
II.	Technical F (Rank the tech			of this re	esearch	based o	n scienti	fic soundı	ness	and technical relevan	ice)
	1 Not Feasib	2 le	3	4	5 Feas	6 sible	7	8	9 Ve	10 ry Feasible	
III.	Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five year										
	1 Low	2	3	4	5 Mode	6 erate	7	8	9	10 High	
IV.	Cost / Bene (Rank this res		ased on i	its prope	osal cos	st compa	red to ar	nticipated	bene	efits)	
	1 Poor	2	3	4	5 Go	6 od	7	8	9 E	10 Excellent	
	Regional Si (Circle the Te			uction R	egions	Impacted	I by this	proposal)	)		
	Statewide	e or	BL	EP	HP	RGV	RP	SL S	SRP	ST TP	
					<u> </u>					TOTA	AL RANKING
EP	- Texas Blacklar - El Paso Valley - High Plains	R	REGION GV - Rio ( P - Rollino L - St. Lav	Grande \ g Plains	Valley S		Texas	lling Plains	5		
Revie	wer (Initials)								_		

Numb	er:	20-9	91		Cat	tegory:_	Product	tion Syst	ems			
Title:_	Yield and Fiber	· Quality	Impact	s of Star	nd Unifo	rmity and	l Popula	tion in C	otton			
P.I.: <u>C</u>	urtis Adams; B	rendan	Kelly						Cc	ompany:_	TALR	_
Projec	t Duration (	rears):		4	_Proje	ct Year	· #:	4	Fu	ınding Re	quested:_	\$14,000
_		_	_	_								RANK
I.	Significance (Rank the sign						to Texa	s Cottor	n Produ	icers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic	ial			Bene	eficial			Ve	ry Benefic	cial	
II.	Technical F											
	(Rank the tech	hnical fe	asibility	of this	esearch	n based o	on scien	tific soul	ndness	and techni	cal relevance	e)
	1	2	3	4	5	6	7	8	9	10		
	Not Feasib	le			Fea	sible			Ve	ery Feasib	ole	
III.	Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five years)											
	1 Low	2	3	4	5 Mode	6 erate	7	8	9	10 High		
IV.	Cost / Bene (Rank this res		ased or	n its prop	osal co	st compa	ared to a	anticipate	ed bene	efits)		
	1 Poor	2	3	4	5 Go	6 ood	7	8	9	10 Excellent		
	Regional Si (Circle the Te			duction I	Regions	Impacte	d by this	s propos	sal)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											TOTAL	RANKING
EP	- Texas Blacklar - El Paso Valley - High Plains	R	RGV - Rid RP - Rolli	ONAL LO Grande ng Plains awrence	Valley	N SRP - So ST - Sout TP - Tran	h Texas	olling Pla	iins			
Review	wer (Initials)											

Numb	er:	20-	94		Ca	tegory:	Marketi	ing / Eco	nomics	3		
Title:_	A Cotton-Focu	sed Tra	ining Op	portunit	y: From	Seed to	Yarn					
P.I.: <u>N</u>	Murilo Maeda; J	lohn Wa	anjura; E	<u>Brendan</u>	Kelly				C	ompany: <u>1</u>	ALR; USDA	
Projec	t Duration (	Years)	:	3	_Proje	ect Year	r #:	3	Fı	unding Re	quested:	\$28,000
												RANK
I.	Significance (Rank the sig						to Texa	s Cottor	n Produ	ucers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic	ial			Bene	eficial			Ve	ry Benefic	ial	
II.	Technical F											
	(Rank the tec	hnical fe	easibility	y of this	researc	h based (	on scien	ıtific souı	ndness	and technic	cal relevance	9)
	1	2	3	4	5		7	8	9			
	Not Feasib	le			Fea	sible			Ve	ery Feasib	le	
III.	Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five years)											rs)
	1 Low	2	3	4	5 Mod	6 erate	7	8	9	10 High		
IV.	Cost / Bene (Rank this res		oased o	n its prop	oosal co	st compa	ared to a	anticipate	ed ben	efits)		
	1 Poor	2	3	4	5 Go	6 ood	7	8	9	10 Excellent		
	Regional S (Circle the Te			duction	Regions	s Impacte	ed by this	s propos	al)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRF	ST	TP	
											TOTAL	RANKING
BI -	- Texas Blacklar	nds F		ONAL LO		N SRP - So	uthern R	olling Pla	ins			
EP	- El Paso Valley - High Plains	· F	RP - Roll	ing Plains awrence	3	ST - Sout TP - Tran	th Texas	_				
Revie	wer (Initials)											

Numb	lumber:		-97		Ca	tegory:						
Title:_	Unmanned Ae	rial Vel	nicle (UA	V) Tech	nology f	or Extens	sion Edu	ication in	the Tex	kas High F	Plains	
P.I.: <u>N</u>	Murilo Maeda; .	Juan La	ndivar; /	<u>Anjin Ch</u>	ang				Co	mpany:_	TALR	
Projec	ct Duration (	Years	):	4	Proje	ect Year	r #:	3	Fu	nding Re	equested:_	\$23,000
												RANK
I.	Significanc (Rank the sig						to Texa	as Cottor	n Produ	cers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic	cial				eficial				y Benefi	cial	
II.	Technical F	- Feasih	oility									
	(Rank the tec			y of this	researc	h based (	on scien	ntific sour	ndness	and techn	ical relevanc	e)
	_1	2	3	4			7	8				
	Not Feasib	ole			Fea	sible			Ve	ry Feasil	ble	
III.	Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five years)											urs)
	1 Low	2	3	4	5 Mod	6 erate	7	8	9	10 High		
IV.	Cost / Bene (Rank this res	-	based o	n its pro	posal co	ost compa	ared to a	anticipate	ed bene	fits)		
	1 Poor	2	3	4	5 Go	6 ood	7	8	9 E	10 Excellent	t	
	Regional S (Circle the Te			duction	Regions	s Impacte	ed by thi	s propos	al)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											TOTAL	RANKING
BL	- Texas Blackla	nds			OCATIC e Vallev	N SRP - So	uthern R	tolling Pla	ins			
EP	- El Paso Valley - High Plains		RP - Roll SL - St. L	ing Plain	S	ST - Sout	th Texas	_				
Revie	wer (Initials)											

Numb	er:	20-9	88		Pest Cor	ntrol					
Title:_	Improving Sele	cted Arth	nropod P	est Mar	nageme	nt Practio	es for T	exas Cotto	on		_
P.I.: <u>[</u>	David Kerns								_Co	mpany: <u>TALR</u>	
Projec	ct Duration (`	Years):	4	1	Proje	ct Year	#:	3	_Fu	nding Requested:_	\$24,000
											RANK
l.	Significance						_	0 " 5		,	
	(Rank the sig	nificance	of the b	enents	of this re	esearch i	o rexas	Cotton P	roau	cers)	
	1	2	3	4	5	6	7	8	9	10	
	Not Benefic	ial			Bene	ficial			Ver	y Beneficial	
II.	Technical F										,
	(Rank the tec	hnical fe	asibility o	of this re	esearch	based o	n scienti	fic sound	ness	and technical relevand	ce)
	1	2	3	4	5	6	7	8	9	10	
	Not Feasib	le			Feas	ible			Ve	ry Feasible	
III.	Completion										
	(Rank this res	search or	n its abilit	ty to pro	duce si	gnificant	results	to Texas (	Cotto	n Producers in five yea	ars)
	1	2	3	4	5	6	7	8	9	10	
	Low				Mode	rate				High	
IV.	Cost / Bene										
	(Rank this res	search ba	ased on i	ts propo	osal cos	t compa	red to ar	nticipated	bene	efits)	
	1	2	3	4	5	6	7	8	9	10	
	Poor				Go	od			E	Excellent	
	Regional S	ianifica	nce								
	(Circle the Te			uction R	egions	Impacted	by this	proposal)	)		
	Ctotowide	. or	DI	ED	ЦD	DCV/	DD	ei e	חחי	CT TD	
	Statewide	e or	BL	EP	HP	RGV	RP	SL S	SRP	ST TP	
										TOTA	L RANKING
BI	- Texas Blacklar	nds R	REGION	_	_		ıthern Ro	lling Plains			
EP	- El Paso Valley - High Plains	R	P - Rollino L - St. Lav	g Plains	5	ST - South P - Trans	n Texas	9 . 141110			
	wer (Initials)		L - SI. Lav	WIEIICE		r - Halls	5-F 6008				
IVENIE	wei (iiiiliais)										

Numb	Number: 21-99 Category: Marketing / Economics											
Title:_	Evaluating Ince	entive Me	<u>echanisn</u>	ns to Pro	omote C	onservat	tion and	Sustaina	bility ir	n Texas Cotton Produ	ıction	
P.I.: <u>D</u>	onna McCallis	ter; Darr	en Huds	on; Phill	ip Johns	son			Co	mpany: <u>TTU</u>		
Projec	t Duration (	Years):	•	3	_Proje	ct Year	#: <u></u>	2	Fu	nding Requested:	\$5,000	
l.	Significance (Rank the sign						to Texas	s Cotton	Produc	cers)	RANK	
	1 Not Benefic	2 ial	3	4	5 Bene	6 ficial	7	8	9 Ver	10 y Beneficial		
II.	Technical F (Rank the tec		•	of this re	esearch	based o	n scient	ific sound	dness	and technical relevar	nce)	
	1 Not Feasib	2 le	3	4	5 Feas	6 sible	7	8	9 Vei	10 ry Feasible		
III.	Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five years)											
	1 Low	2	3	4	5 Mode	6 erate	7	8	9	10 High		
IV.	Cost / Bene (Rank this res		ased on	its prop	osal cos	st compa	red to a	nticipated	d bene	fits)		
	1 Poor	2	3	4	5 Go	6 od	7	8	9 E	10 Excellent		
	Regional Si (Circle the Te			uction R	Regions	Impacted	d by this	proposa	I)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST TP		
EP HP	- Texas Blacklar - El Paso Valley - High Plains	R	REGIO GV - Rio P - Rollin L - St. La	Grande 'g Plains	Valley S		n Texas	olling Plain	ıs	тотя	AL RANKING	
Kevie	wer (Initials)											

Numb	er:	21-10	00		Cat	egory:_	<u>Fertiliza</u>	tion / Irri	gation				
Title:_	A Kinetics clay	Minera	logical A	Approact	n to Unc	<u>derstand</u>	Excessi	ve Potas	ssium So	orption a	nd Fixatior	to Soil	Clay and
Metal C	<u>)xide Minerals i</u>	n Agricu	Itural Sc	oils									
P.I.: <u>N</u>	<u> latthew Siebec</u>	ker							Cor	npany:_	TTU		
Projec	t Duration (\	/ears):		3	_Proje	ct Year	#:	2	Fun	iding Re	equested	d: <u>\$1</u>	1,550
_		_	_										RANK
I.	Significance (Rank the sign						to Texas	s Cotton	Produc	ers)			
				201101110									
	1 Not Benefic	2 iol	3	4	5 Bene	_	7	8	9 Voru	10 Popofi	oial		
	Not beliefic	ıaı			bene	ilciai			very	Benefi	Ciai		
II.	Technical F (Rank the tech			of this r	esearch	based o	n scient	ific sour	ndness a	and techn	ical releva	ince)	
	(110.111.111.110.100.												
	1 Not Feasib	2	3	4	5 Feas	6 sible	7	8	9	10 y Feasil	olo		
	INUL FEASID	ie			геаз	sibie			ver	y reasii	oie		
III.	Completion (Rank this res			ity to pro	oduce s	ignificant	results	to Texa:	s Cotton	Produce	ers in five v	vears)	
	(11011111111111111111111111111111111111	ouron o		ny to pro		.g.m.oan	roouno	to Toxia			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, 54.5)	
	1	2	3	4	5 Mode	_	7	8	9	10 ⊔iah			
	Low				ivioue	erale				High			
n. /	0	<b></b>											
IV.	Cost / Bene (Rank this res		ased on	its prop	osal cos	st compa	red to a	nticipate	ed benef	its)			
	`					•		·		·			
	1 Poor	2	3	4	5 Go	6 0d	7	8	9 =	10 xcellen	+		
	1 001				00	ou				ACCIICIT			
	Regional Si			atian F		luan a ata	ا ما اما اما		-1\				
	(Circle the Tex	kas Coll	on Prod	uction R	regions	Impacte	a by this	proposa	aı)				
	Statewide	or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP		
											TOT	ΔΙ ΒΔ	NKING
				NAL LC							101	, <u> </u>	
	<ul> <li>Texas Blacklan</li> <li>El Paso Valley</li> </ul>		GV - Rio P - Rollir			SRP - Sout ST - Sout		olling Plai	ins				
	- High Plains		L - St. La			TP - Trans							
Revie	wer (Initials)												

Numb	Number: 21-101 Category: Genetic Improvements											
Title:_	Development o	of a Cotto	on Mutan	t Popula	ation as	a Source	e of Trait	s for Cotte	on Im	provement		
P.I.: <u>C</u>	amar Lopez-A	rredondo	o; Gunvai	nt Patil;	Luis He	errera Es	trella		_Co	mpany: <u>TTU</u>		
Projec	ct Duration (	Years):	2	2	_Proje	ct Year	#:	2	_Fu	nding Requested:	\$28,771	
											RANK	
l.	Significance	e to Te	xas Cot	tton Pr	oduce	rs						
	(Rank the sign	nificance	of the b	enefits	of this re	esearch	to Texas	Cotton P	Produc	cers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic				Bene		-	_		y Beneficial		
II.	Technical F	easihil	itv									
				of this re	esearch	based o	n scienti	fic sound	ness	and technical relevar	nce)	
	4	2	2	4	F	c	7	0	0	40		
1 2 3 4 5 6 7 8 9 10  Not Feasible Feasible Very Feasible												
	11011 00010	.0								. ,		
III.	Completion (Rank this res			ty to pro	oduce si	ignificant	results	to Texas	Cotto	n Producers in five ye	ears)	
	(Italiit tillo loc	ouron o	ii iio abiiii	ty to pro	Jagoo o	igriirioarii	roodito	io rondo	00110	111 10000010 III 11100 ye	Sailo)	
	. 1	2	3	4	5	6	7	8	9	10		
	Low				Mode	erate				High		
IV.	Cost / Bene											
	(Rank this res	search ba	ased on i	its propo	osal cos	st compa	red to ar	nticipated	bene	fits)		
	1	2	3	4	5	6	7	8	9	10		
	Poor				Go	od			E	Excellent		
	Pagional Si	ianifiaa	noo									
	Regional Si (Circle the Te			uction R	egions	Impacted	d by this	proposal)	)			
							-					
	Statewide	e or	BL	EP	HP	RGV	RP	SL S	SRP	ST TP		
										TOTA	AL RANKING	
			REGION									
	<ul> <li>Texas Blacklar</li> <li>El Paso Valley</li> </ul>		GV - Rio ( P - Rolling			SRP - Sou ST - South		lling Plains	3			
	- High Plains		L - St. Lav			TP - Trans						
Revie	wer (Initials)											

Numb	er:	21-10	)2		Cate	egory:_	Product	on Syste	ems			
Title:_	Cover Crop Bes	st Mana	gement l	Practice	s for Sus	stainable	<u>Cotton</u>	Product	tion in t	he Texas H	ligh Plains	
P.I.: <u>C</u>	raig Bednarz								Co	mpany: <u>\</u>	WTU; TALR	
Projec	t Duration (Y	/ears):		2	_Projec	ct Year	#:	2	Fu	nding Re	quested:	\$20,000
												RANK
I.	Significance (Rank the sign						to Texas	s Cotton	Produ	cers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefici	ial			Benef	icial			Ver	y Benefic	cial	
II.	Technical F											
	(Rank the tech	nnical fe	asibility	of this r	esearch	based c	n scient	ific sour	ndness	and technic	cal relevance	9)
	1	2	3	4	5		7	8	9			
	Not Feasibl	le			Feas	ible			Ve	ry Feasib	le	
III.	Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five y											rs)
	1 Low	2	3	4	5 Mode	6 rate	7	8	9	10 High		
IV.	Cost / Bene (Rank this rese		ased on	its prop	osal cos	t compa	red to a	nticipate	ed bene	efits)		
	1 Poor	2	3	4	5 God	6 od	7	8	9 I	10 Excellent		
	Regional Signification			uction F	Regions I	mpacte	d by this	proposa	al)			
	Statewide	or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											TOTAL	RANKING
EP	- Texas Blacklan - El Paso Valley - High Plains	R		Grande g Plains			h Texas	olling Plai	ins			
Revie	wer (Initials)											

Numb	er:	21-1	03		Cat	egory:_	Pest Co	ntrol			_
Title:_	Investingating a	a New T	ransgen	ic Trait f	or Conti	rol of Pla	nt Bugs	in Cotto	n in the	Rio Grande Valley	
P.I.: <u></u>	lolly Davis; Dav	vid Kern	s; Danie	lle Seku	la				Cor	mpany: TALR	
Projec	ct Duration (	Years):		2	_Proje	ct Year	#: <u></u>	2	Fur	nding Requested:	\$20,594
l.	Significance (Rank the sign						to Texas	s Cotton	Produc	ers)	RANK
	1 Not Benefic	2 cial	3	4	5 Bene	6 ficial	7	8	9 Very	10 Beneficial	
II.	Technical F (Rank the tec			of this re	esearch	based o	n scient	ific soun	dness a	and technical relevar	nce)
	1 Not Feasib	2 le	3	4	5 Feas	6 sible	7	8	9 Ver	10 y Feasible	
III.	Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five year										
	1 Low	2	3	4	5 Mode	6 erate	7	8	9	10 High	
IV.	Cost / Bene (Rank this res		ased on	its prop	osal cos	st compa	red to a	nticipate	d benef	iits)	
	1 Poor	2	3	4	5 Go	6 od	7	8	9 E	10 excellent	
	Regional Si (Circle the Te			luction R	Regions	Impacted	d by this	proposa	al)		
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST TP	
EP HP	- Texas Blacklar - El Paso Valley - High Plains wer (Initials)	R S	RGV - Rio	ng Plains	Valley	N SRP - South ST - South TP - Trans	n Texas	olling Plai	ns	TOTA	AL RANKING

Numb	er:	21	-104		Ca	tegory:	Pest Co	ntrol					
Title:_	Management	of Suc	cking Bug	as Using	Insection	cides and	Cotton	Cultiva	rs and I	Monitoring	g for Bt Resig	stance i	in South
Texas													
P.I.: <u> </u>	Holly Davis; Mic	chael E	<u>Brewer</u>						Co	mpany:	TALR		
Proje	ct Duration (	Years	s):	2	Proje	ect Yea	r #:	2	Fu	nding R	equested:_	\$30	,048
													RANK
I.	Significanc (Rank the sig						to Toya	s Cotto	n Produ	core)			
	(Nank the sig	iiiiicai	ice or the	Denema	5 01 11115	research	то теха	S COIIOI	ii Fiouu	cers)			
	1	. 2	3	4		_	7	8	9	_			
	Not Benefic	cial			Ben	eficial			Ver	y Benef	ricial		
II.	Technical F (Rank the tec		•	v of this	researc	h hasad	on scien	tific sou	ndnass	and tech	nical relevan	~ <u>~</u> )	
	(Italik tile tec	iiiiicai	icasibilit	y Of tills	researe	ii baseu	on scien	uno sou	Hulless	and tech	ilicai relevant	<i>30)</i>	
	1	. 2	3	4			7	8	9				
	Not Feasib	ole			Fea	sible			ve	ry Feas	ible		
III.	Completion (Rank this res				roduce	significar	nt results	to Texa	as Cotto	n Produc	ers in five ve	ars)	
	(Italik tilis ic.	scarci	i on its at	mity to p	roducc	sigrimoar	it resuits	to TOXE	13 Ootto	iii ioddc	ors in five ye	ais)	
	1	2	3	4	5	6	7	8	9	10			
	Low				IVIOC	erate				High			
IV.	Cost / Bene (Rank this res		hased o	n its pro	nosal co	est comp	ared to a	nticinat	ed hene	efits)			
	(rtaint ino ro			no pro	-	, or oomp							
	1 Door	2	3	4	5	6	7	8	9	10 =vaallan	<b>.</b> 4		
	Poor				G	ood			ľ	Exceller	IL		
	Regional S												
	(Circle the Te	exas C	otton Pro	duction	Regions	s Impacte	ed by this	s propos	sal)				
	Statewide	e or	r BL	EP	HP	RGV	RP	SL	SRP	ST	TP		
											TOTA	I DAN	NKING
			REGI	ONAL L	OCATIO	)N					IOIA	LKAI	
	- Texas Blackla - El Paso Valley			io Grande	e Valley	SRP - Sou ST - Sou		olling Pla	ains				
	' - High Plains	•		_awrence		TP - Trar							

Reviewer (Initials) \_\_\_\_\_

Numb	er:	22-	-A		Cat	egory:_						
Title:_	Enhancing the	Compe	titivenes	ss and U	se-Value	e of Texa	s Cotto	n				
P.I.: <u>\$</u>	Seshadri Ramk	umar							C	ompany: <u>T</u>	TU	
Projec	ct Duration (	Years)	:	2	_Proje	ct Year	·#:	1	Fι	unding Red	quested:	\$30,000
												RANK
I.	Significanc (Rank the sig						to Texa	s Cottor	n Produ	ucers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic	cial			Bene	ficial			Ve	ry Benefic	ial	
II.	Technical F											
	(Rank the tec	hnical fe	easibility	y of this	research	based o	on scien	itific sour	ndness	and technic	al relevance	;)
	1	2	3	4	5	6	7	8	9	10		
	Not Feasib	ole			Feas	sible			Ve	ery Feasibl	е	
III.	Completion (Rank this res				oduce s	ignifican	t results	s to Texa	s Cott	on Producers	s in five year	rs)
	1 Low	2	3	4	5 Mode		7	8	9	10 High		
IV.	Cost / Bene (Rank this res	_	oased o	n its prop	oosal co	st compa	ared to a	anticipate	ed ben	efits)		
	1 Poor	2	3	4	5 Go	6 od	7	8	9	10 Excellent		
	Regional S (Circle the Te			duction	Regions	Impacte	d by this	s propos	al)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRF	ST	TP	
											TOTAL	RANKING
EP	- Texas Blacklaı - El Paso Valley - High Plains	, E	RGV - Ri RP - Roll	ONAL LO o Grande ing Plains awrence	Valley	N SRP - So ST - Sout TP - Tran	h Texas	-	ins			
Revie	wer (Initials)											

Numb	er:	22-E	3		Cate	egory:_					
Title:_	Oil Absorbing L	ow Micr	onaire N	lonwove							
P.I.: <u>S</u>	Seshadri Ramkı	umar							_Co	mpany: <u>TTU</u>	
Projec	ct Duration (	Years):		2	_Proje	ct Year	#:	1	_Fu	nding Requested:_	\$30,000
											RANK
I.	Significance										
	(Rank the sign	nificance	of the b	enefits	of this re	esearch t	o Texas	Cotton P	rodu	cers)	
	1	2	3	4	5	6	7	8	9	10	
	Not Benefic	ial			Bene	ficial			Ver	y Beneficial	
II.	Technical F	easibil	itv								
				of this re	esearch	based o	n scienti	fic sound	ness	and technical relevand	ce)
	1	2	3	4	5	6	7	8	9	10	
	Not Feasib		J	7	Feas	_	•	O		ry Feasible	
III.	Completion	of Dro	nagal								
111.	Completion (Rank this res			ity to pro	oduce si	gnificant	results	to Texas (	Cotto	n Producers in five ye	ars)
						_					, <u> </u>
	1 Low	2	3	4	5 Mode	6 rato	7	8	9	10 High	
	LOW				Mode	iale				riigii	
IV.	Cost / Bene (Rank this res		ased on	its nron	nsal cos	t compa	ed to ar	nticinated	hene	ofite)	
	(Italiit iiiio ioc	ocaron be	2000 011	no prop	0001 000	n oompa	ca to ai	illoipatea	DOILO	moj	
	_1	2	3	4	5	6	7	8	9	10	
	Poor				Go	od			t	Excellent	
	Regional Si	ignifica	nce								
	(Circle the Te			uction R	egions	Impacted	by this	proposal)	)		
	Statewide	e or	BL	EP	HP	RGV	RP	SL S	SRP	ST TP	
	Otatowiac	, 01	DL			IXO V	131	OL C	)		
										TOTA	L RANKING
BL	- Texas Blacklar	nds R		NAL LO Grande			thern Ro	lling Plains			
EP	- El Paso Valley	R	P - Rollin L - St. La	g Plains	5	ST - South P - Trans	Texas	9 . 101110			
	- High Plains	3	L - SI. La	wience		r - Hans	-16008				
Kevie	wer (Initials)										

Numb	er:	22-	·C		Cat	egory:_						
Title:_	COVID-19 and	Cotton	Produc	ts Devel	opment							
P.I.: <u>S</u>	Seshadri Ramkı	umar							Co	mpany: <u>1</u>	ΓTU	
Projec	ct Duration (	Years)	:	2	_Proje	ct Year	·#:	11	Fu	nding Re	quested:	\$30,000
												RANK
I.	Significance (Rank the sign						to Texa	s Cottor	n Produ	cers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic	ial			Bene	eficial			Ver	y Benefic	ial	
II.	Technical F (Rank the tec			of this	rocoarch	n basad a	an coion	tific cou	ndnoss	and tachnic	al relevance	,
	(Italik tile tec	illilleal it	عادانان	y Oi tilis	ieseaici	i baseu (	)	itilic Soul	iuiiess	and technic	zai reievarice	<del>-</del> )
	1 Not Feasib	2	3	4		6 sible	7	8			ام	
	NOT FEASID	ile			геа	sible			ve	ry Feasib	ie	
III.	Completion	of Pro	nnosal									
	(Rank this res			ility to p	roduce s	significan	t results	to Texa	s Cotto	n Producer	s in five yea	rs)
	1	2	3	4	5	6	7	8	9	10		
	Low				Mod	erate				High		
IV.	Cost / Bene (Rank this res		ased o	n its prop	oosal co	st compa	ared to a	anticipate	ed bene	efits)		
	1	2	3	1	5	6	7	8	9	10		
	Poor	2	3	4		ood	1	0		Excellent		
	Regional S	ianifica	nce									
	(Circle the Te			duction l	Regions	Impacte	d by this	s propos	al)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											ΤΟΤΑΙ	RANKING
			REGI	ONAL LO	OCATIO	N					IOIAL	
	<ul> <li>Texas Blacklar</li> <li>El Paso Valley</li> </ul>			o Grande ing Plains		SRP - So ST - Sout		olling Pla	ins			
	- High Plains			awrence		TP - Tran						
Revie	wer (Initials)											

Numb	er:	22	-D		Cat	egory:	Pest Co	ontrol					
Title:_	Management o	of Renif	orm Ner	natode l	Jsing Co	mbinatio	n of Cul	tural Pra	ctices: F	allow Gr	ound, R	esistant	Cultivar and
Suscep	otible Cultivar												
P.I.: <u>(</u>	Cecilia Monclov	a							Cor	npany:	TTU		
Projec	ct Duration (	Years)	):	2	_Proje	ct Yea	r #:	1	Fun	iding R	equest	ted:	\$20,866
													RANK
I.	Significance (Rank the sig						to Tava	e Cottor	n Produc	are)			
	(Italik tile sig	micano	e or the	Denenia	o or uno r	escarcii	to rexe	is Colloi	TT TOUGE	G13)			
	1	2	3	4	_	_	7	8	9	10			
	Not Benefic	cial			Bene	ficial			very	Benefi	icial		
II.	Technical F (Rank the tec			v of this	research	hased (	on scien	tific sou	ndness a	and techr	nical rele	evance)	
	(Italik tilo too	iiiioai i	Casibilit	y or tillo	rescaron	Dasca	311 301011	uno sou	11011000 0	ina toom	nour ron	3 (41100)	
	1	2	3	4	5 Feas	6	7	8			hla		
	Not Feasib	ne			reas	sible			ver	y Feasi	bie		
III.	Completion (Rank this res				roduce s	ignificar	t results	to Texa	as Cotton	Produce	ers in fiv	ve vears)	
	(rtariit tiilo rot	our or r	on no ac	mity to p		igriiioai	it roodite	7 10 1 0/10	io ootton	i i ioddol	310 1111	o youro,	
	1	2	3	4	5 Mada	-	7	8	9	10			
	Low				Mode	erate				High			
n. /	0 1/5	<b></b>											
IV.	Cost / Bene (Rank this res		based o	n its prop	posal cos	st compa	ared to a	anticipat	ed benef	its)			
	•					·				ŕ			
	1 Poor	2	3	4	5 Go	6 od	7	8	9 F	10 xcellen	t		
	1 001				00	ou			_	XOCIICII			
	Regional S (Circle the Te			duction	Dogione	Impacto	d by thi	nronoc	val)				
	(Circle trie Te	xas Cu	llon Pro	duction	Regions	ппрасте	u by tris	s propos	oai)				
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP		
											TO	OTAL F	RANKING
					OCATIO						- `		
	<ul><li>Texas Blacklar</li><li>El Paso Valley</li></ul>			io Grande ling Plains		ST - Sou	th Texas	olling Pla	ains				
	- High Plains			_awrence		TP - Trar	s-Pecos						
Revie	wer (Initials)												

Numl	Number: <u>22-E</u> Category: Fertilization / Irrigation												
Title:	Improvement	of Cott	on Grow	th and	Yield Pe	rformano	e Unde	r Drough	nt Stress	with the	Employme	nt of	Zinc Oxide
Nanop	oarticles												
P.I.:_	Lam-Son Phan	Tran							Cor	npany:	TTU		
Proje	ect Duration (	(Years)	):	3	Proje	ect Year	r #:	1	Fur	nding R	equested:	:	\$30,000
l.	Significand (Rank the sig						to Texa	as Cottor	n Produc	ers)			RANK
	1 Not Benefi	2 cial	3	4	5 Bene	6 eficial	7	8	9 Very	10 / Benef	icial		
II.	Technical (Rank the tec			y of this	research	n based (	on scier	ntific soul	ndness a	and tech	nical relevar	nce)	
	1 Not Feasil	2 ole	3	4		6 sible	7	8	9 Ver	10 y Feas	ible		
III.	Completion (Rank this re				roduce s	significan	t results	s to Texa	ıs Cottor	n Produc	ers in five y	ears)	
	1 Low	2	3	4	5 Mod	6 erate	7	8	9	10 High			
IV.	Cost / Ben (Rank this re		based o	n its pro	posal co	st compa	ared to a	anticipate	ed benef	its)			
	1 Poor	2	3	4	5 Go	6 ood	7	8	9 E	10 xceller	nt		
	Regional S (Circle the Te			duction	Regions	Impacte	ed by thi	s propos	al)				
	Statewid	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP		
			REGI	ONAL L	OCATIO	)N					тот	AL R	RANKING
EF	Texas Blackla P - El Paso Valle P - High Plains	y	RGV - Ri RP - Roll SL - St. L	ing Plain	S	SRP - So ST - Sout TP - Tran	th Texas		ins				
Revie	ewer (Initials)	)											

Numb	er:	22-F	=		Cate	egory: <u> </u>	<u> Production</u>	on System	าร		
Title:_	A Cost-Benefit	Analysis	of Fusar	ium Wil	t in Cott	ton					
P.I.: <u>S</u>	Syed Badruddo	za							_Co	mpany: <u>TTU</u>	
Projec	t Duration (	Years):	1		Projec	ct Year	#:	1	_Fu	nding Requested:	\$20,000
											RANK
I.	Significance						<del>-</del>	0 " 5		`	
	(Rank the sign	nificance	of the be	enefits (	of this re	esearch t	o rexas	Cotton P	roduc	cers)	
	1	2	3	4	5	6	7	8	9	10	
	Not Benefic	ial			Benef	icial			Ver	y Beneficial	
II.	Technical F										
	(Rank the tech	hnical fe	asibility o	of this re	search	based o	n scienti	fic sound	ness	and technical relevand	ce)
	1	2	3	4	5	6	7	8	9	10	
	Not Feasib	le			Feas	ible			Vei	ry Feasible	
III.	Completion	of Pro	posal								
				y to pro	duce si	gnificant	results t	o Texas (	Cotto	n Producers in five ye	ars)
	1	2	3	4	5	6	7	8	9	10	
	Low	_	Ü	•	Mode		•	Ü	U	High	
IV.	Cost / Bene	efit									
	(Rank this res		ased on it	ts propo	sal cos	t compai	red to ar	nticipated	bene	fits)	
	1	2	3	4	5	6	7	8	9	10	
	Poor	۷	3	7	God		,	O		Excellent	
	Regional Si (Circle the Te			ıction R	eaions I	mnacted	l hy this	nronosal)			
	(Onoic the re-	<i>xas</i> 0011	on rodu	iction ix	cgions	трассс	i by tills	ριοροσαί			
	Statewide	e or	BL	EP	HP	RGV	RP	SL S	RP	ST TP	
										TOTA	L RANKING
			REGION	_	-					1017	
	<ul> <li>Texas Blacklar</li> <li>El Paso Valley</li> </ul>		GV - Rio 0 P - Rolling			SRP - Sou ST - South		lling Plains	•		
	- High Plains		L - St. Law			P - Trans					
Revie	wer (Initials)										

Number: 22-G Category: Genetic Improvements												
Title:_	In Vitro Molecu	lar Evolu	ution of th	ne HPPI	O Gene	for Herbi	cide-Re	sistance ir	n Cott	on		
P.I.: <u> </u>	luazhong Shi								_Cor	mpany: <u>TTU</u>		
Projec	ct Duration (	Years):	4	2	_Proje	ct Year	#:	1	_Fur	nding Reque	ested:	\$30,000
l.	Significance (Rank the sign						o Texas	Cotton P	roduc	cers)		RANK
	1 Not Benefic	2 cial	3	4	5 Bene	6 ficial	7	8	9 Very	10 y Beneficial		
II.	Technical F (Rank the tech			of this re	esearch	based o	n scienti	fic soundr	ness a	and technical r	elevance)	
	1 Not Feasib	2 le	3	4	5 Feas	6 sible	7	8	9 Ver	10 ry Feasible		
III.	Completion (Rank this res			ty to pro	oduce s	gnificant	results	o Texas (	Cottor	n Producers in	five years	)
	1 Low	2	3	4	5 Mode	6 erate	7	8	9	10 High		
IV.	Cost / Bene (Rank this res		ased on i	its propo	osal cos	st compa	red to ar	nticipated	benef	fits)		
	1 Poor	2	3	4	5 Go	6 od	7	8	9 E	10 Excellent		
	Regional Si (Circle the Te			uction R	egions	Impacted	l by this	proposal)				
	Statewide	e or	BL	EP	HP	RGV	RP	SL S	RP	ST TP		
			DECION	VIAL 10	C $A$ $T$ $C$ $I$	\I				•	IOTAL	RANKING
EP	- Texas Blacklar - El Paso Valley - High Plains	R	REGIO۱ GV - Rio ( P - Rolling L - St. Lav	Grande \ g Plains	Valley S		Texas	lling Plains	;			
Revie	wer (Initials)											

Numb	er:	2	2-H		Ca	tegory:							
	Integrating Un												ment in
Cotton	and Field Scale	<u>e                                      </u>											
	Venxuan Guo;										TTU		
Projec	t Duration (	Years	s):	2	Proje	ect Yea	r #:	1	Fur	nding R	equested:_	\$43,0	)77
	<b>0</b> 1 111			=								F	RANK
I.	Significance (Rank the sign						to Texa	s Cottor	n Produc	ers)			
	(									•		L	
	1 Not Benefic	2	3	4		6 eficial	7	8		10 / Benef	icial		
	NOT Delicit	iai			Delli	Bilciai			v <del>c</del> ı y	/ Dellel	iciai		
	T											_	
II.	Technical F (Rank the tec			y of this	researc	h based	on scien	tific sou	ndness a	and techr	nical relevanc	e)	
												Ĺ	
	1 Not Feasib	2 مار	3	4		6 sible		8		10 y Feasi	hla		
	NOT Casib				1 64	SIDIC			VCI	y i casi	DIG		
	O a manufation	- 4 D										_	
III.	Completion (Rank this res				roduce	significar	nt results	to Texa	as Cottor	n Produc	ers in five yea	ars)	
	1 Low	2	3	4		6 erate	/	8	9	10 High			
	2011				11100	orato							
IV.	Cost / Bene	∖fi+											
IV.	(Rank this res		based o	n its pro	posal co	st compa	ared to a	inticipat	ed benef	its)			
	1	2	3	4	5	6	7	8	9	10		L	
	Poor	2	3	4	_	ood	,	0	_	excellen	t		
	Regional S (Circle the Te			duction	Regions	s Impacte	ed by this	s propos	sal)				
	•				J	·	•		,				
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP		
											TOTAI	RAN	KING
DI	- Texas Blacklar	nde		ONAL L			outhern B	olling Dia	nine			ſ	
EP	- El Paso Valley		RP - Roll	ing Plain	S	SRP - Sou	th Texas	oillig Fla	611115				
HP	- High Plains		SL - St. L	awrence	1	TP - Trar	ns-Pecos						

Reviewer (Initials) \_\_\_\_\_

Numb	er:	22-			Cate	gory:_	Genetic I	mproven	nents			
Title:_	Developing Sm	all RNA-	Based G	enomic	Targets	for Acc	elerated	Cotton B	reedir	ng		
P.I.: <u>Z</u>	<u> Khixin Xie; Moha</u>	amed Fo	kar; Jane	<u>Dever</u>					Co	mpany: TTl	J	
Projec	ct Duration (\	ears):	1		_Projec	t Year	#: <u></u>	1	Fu	nding Requ	ested:	\$24,858
												RANK
I.	Significance (Rank the sign						to Texas	Cotton F	Produc	cers)		
	(I tariit tiio oigi	modrioo	01 1110 00	orionto (	or uno 10	ocaron	io rondo	Cotton	Toda	0010)		
	1 Nat Danatia	2	3	4	5	6	7	8	9	10		
	Not Benefic	iai			Benef	iciai			ver	y Beneficial		
	<b>-</b>	, .,										
II.	Technical F (Rank the tech			of this re	esearch	based o	n scienti	fic sound	Iness	and technical	relevance)	
			-								,	
	1 Not Feasib	2 ما	3	4	5 Feasi		7	8	9 Ve	10 ry Feasible		
	14001 04315				i casi	DIC			VC	ry i casible		
111	Completion	of Dro	oool									
III.	Completion (Rank this res			y to pro	duce sig	gnificant	results t	o Texas	Cotto	n Producers ir	n five years	3)
	4	0	2	4	_	•	7	0	^	40		
	1 Low	2	3	4	5 Mode	6 rate	7	8	9	10 High		
										<b>g</b>		
IV.	Cost / Bene	fit										
	(Rank this res		ased on i	ts propo	osal cost	t compa	red to ar	nticipated	l bene	efits)		
	1	2	3	4	5	6	7	8	9	10		
	Poor	_	Ū	•	Goo		•	Ū		Excellent		
	Regional Si	anifica	nce									
	(Circle the Tex			ction R	egions I	mpacted	d by this	proposal	)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL S	SRP	ST TF	<b>o</b>	
	Otatowide	. 01	DL	_'		i (O v	IXI	OL (	JIXI	01 11		
			DEOLON	141.10	O A TION						TOTAL	RANKING
	- Texas Blacklan		REGION GV - Rio (	Grande \	√alley S	RP - Sou		lling Plain	s			
	<ul><li>El Paso Valley</li><li>High Plains</li></ul>		P - Rolling L - St. Lav			T - South P - Trans						
	wer (Initials)											

Numb	er:	22-	J		Cat	tegory:_	Genetic	Improve	ments				
Title:_	Agro-Morphop	hysiolog	gical Ch	aracteriz	ation o	f Booken	d Sub-(	Optimal -	Tempera	atures or	the Product	ivity of L	<u>Jpland</u>
Cotton													
P.I.: Y	ves Emendack	k; Paxto	n Paytor	; Hayde	e Larza	1			Cor	npany:	TTU & USDA	4	
	ct Duration (		-	-									00
l.	Significance (Rank the sign						to Texa	s Cotton	Produc	ers)		R	ANK
	1 Not Benefic	2 cial	3	4		6 eficial	7	8	9 Very	10 Benefi	icial		
II.	Technical F (Rank the tec			of this r	esearch	n based o	on scien	tific soun	dness a	and techr	nical relevanc	e)	
	1 Not Feasib	2 ole	3	4		6 sible	7	8	9 Ver	10 y Feasi	ble		
III.	Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five years)											ars)	
	1 Low	2	3	4	5 Mod	6 erate	7	8	9	10 High			
IV.	Cost / Bene (Rank this res		ased on	its prop	osal co	st compa	red to a	nticipate	d benef	its)		Γ	
	1 Poor	2	3	4	5 Go	6 ood	7	8	9 E	10 xcellen	t	_	
	Regional S (Circle the Te			luction F	Regions	Impacte	d by this	s proposa	al)				
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP		
											ΤΟΤΔΙ	_ RAN	(ING
EP	- Texas Blacklar - El Paso Valley - High Plains	, F	RGV - Ric	ng Plains	Valley	N SRP - Sout ST - Sout TP - Trans	h Texas	olling Plai	ns		1017.		
Revie	wer (Initials)												

Number: 22-K Category: Fertilization / Irrigation												
Title:_	Yield and Qual	ity Resp	onse o	f Cotton	(Gossyp	oium hirs	utum L)	to Micro	nutrien	ts Applicatio	n in Dryland	Production
P.I.: A	Ammar Bhanda	ri							C	ompany:_]	TAMU Kings	ville
Projec	ct Duration (`	Years)	:	2	_Proje	ect Yea	r #:	1	F	unding Re	quested:_	\$32,461
												RANK
I.	Significance (Rank the sign						to Texa	ıs Cottor	n Produ	ıcers)		
	(rtaint tile olg	imoano	0 01 1110	DOMONIC	or triio	100001011	10 1000	io oonoi	111000	20010)		
	1 Not Benefic	2	3	4	5 Pond	6 eficial	7	8	9	10	ial	
	not benefic	iai			bene	enciai			ve	ry Benefic	iai	
II.	Technical F	- - - -	lity.									
11.	(Rank the tec			y of this	researcl	h based	on scien	tific sou	ndness	and technic	cal relevance	э)
	1	2	3	4	5	6	7	8	9	10		
	Not Feasib		J	7		sible	,	O		ery Feasib	le	
III.	Completion	of Pro	posal									
	(Rank this res				roduces	significar	t results	to Texa	as Cotto	on Producer	s in five yea	rs)
	1	2	3	4	5	6	7	8	9	10		
	Low				Mod	erate				High		
IV.	Cost / Bene											
	(Rank this res	search b	ased o	n its prop	oosal co	st compa	ared to a	anticipate	ed ben	efits)		
	1	2	3	4	5	6	7	8	9	10		
	Poor				Go	ood				Excellent		
	Regional S											
	(Circle the Te	xas Cot	ton Pro	duction	Regions	Impacte	ed by this	s propos	sal)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											ΤΟΤΔΙ	. RANKING
				ONAL LO							IOIAL	
	<ul> <li>Texas Blacklar</li> <li>El Paso Valley</li> </ul>			o Grande ing Plains	3	SRP - Sou	th Texas	olling Pla	ains			
	- High Plains			awrence		TP - Tran						
Revie	wer (Initials)											

Numb	er:	22-	L		Cat	egory:_							
Title:_	Investigating C	otton Po	llination	in Rela	tion to N	ative Be	es and I	Habitat S	Structur	<u>re on Farms</u>	in the Texas	High Plains	
P.I.: <u> </u>	<u>irin Jones-Gray</u>	; Scott I	onging;	Juliana	Rangel				C	ompany: <u> </u>	wtamu, tai	MU, TTU	
Projec	t Duration (	Years):		1	_Proje	ct Year	#:	11	Fu	ınding Re	quested:	\$19,500	
												RANK	
I.	Significance (Rank the sign						to Texa	s Cottor	n Produ	icers)			
	1	2	3	4	5	6	7	8	9	10			
	Not Benefic	_		•	Bene		·			ry Benefic	cial		
II.	Technical F	easibil	ity										
	(Rank the tech	hnical fe	asibility	of this r	esearch	based o	on scien	tific sour	ndness	and techni	cal relevance	<del>)</del> )	
	1	2	3	4	5	6	7	8	9	10			
	Not Feasib	le			Feas	sible			Ve	ery Feasib	ole		
III.	Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five years)												
	1 Low	2	3	4	5 Mode	6 erate	7	8	9	10 High			
IV.	Cost / Bene (Rank this res		ased on	its prop	osal cos	st compa	ared to a	nticipate	ed ben	efits)			
	1 Poor	2	3	4	5 Go	6 od	7	8	9	10 Excellent			
	Regional Si (Circle the Te			duction F	Regions	Impacte	d by this	s propos	sal)				
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP		
											TOTAL	RANKING	
EP	- Texas Blacklar - El Paso Valley - High Plains	R	GV - Ric	Grande ng Plains		N SRP - So ST - Sout TP - Tran	h Texas	olling Pla	uins				
Revie	wer (Initials)												

Numb	Number: <u>22-M</u> Category: <u>Fertilization / Irrigation</u>											
Title:_	Plant Phenotyp	e and P	artitionin	g to Max	ximize (	Cotton Pr	oductivit	y Under \	<i>N</i> ater	-Deficit Stress		
P.I.: <u>(</u>	Blen Ritchie; Iris	sh Lorrai	ne B. Pa	buayon					Co	mpany: <u>TALR &amp; TTl</u>	J	
Projec	ct Duration (	Years):	•	1	_Proje	ct Year	#:	1	Fu	nding Requested:_	\$15,000	
											RANK	
I.	Significance											
	(Rank the sign	nificance	of the b	enefits	of this r	esearch	to Texas	Cotton F	Produ	cers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic	ial			Bene	ficial			Ver	y Beneficial		
II.	Technical F	easibil	itv									
				of this re	esearch	based o	n scient	fic sound	Iness	and technical relevand	ce)	
	1	2	3	4	5	6	7	8	9	10		
	Not Feasib		3	7	Feas		,	O		ry Feasible		
III.	Completion	of Dro	naaal									
111.	Completion (Rank this res			ty to pro	duce si	gnificant	results	to Texas	Cotto	on Producers in five yea	ars)	
										-	,	
	1 Low	2	3	4	5 Mode	6 vrato	7	8	9	10 High		
	LOW				Mode	iale				riigii		
IV.	Cost / Bene (Rank this res		ased on i	its prope	nsal cos	t compa	red to ar	nticinated	hene	ofite)		
	(Italiit iiiio ioc	ocaron bi	doca on	no propi	Jour 000	n oompa	ica to ai	illoipatoa	DOTTO	, into j		
	_1	2	3	4	5	6	7	8	9	10		
	Poor				Go	od			ŀ	Excellent		
	Regional Si	ignifica	nce									
	(Circle the Te			uction R	egions	Impacted	d by this	proposal	)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL S	SRP	ST TP		
	Otatowiac	, 01	DL			IXO V	IXI	OL (	J1 (1	01 11		
										TOTA	L RANKING	
BL	- Texas Blacklar	nds R	REGIOI GV - Rio				ıthern Ro	lling Plains	s			
EP	- El Paso Valley	R	P - Rolling L - St. Lav	g Plains		ST - South	n Texas		-			
	- High Plains	- 5	L - SI. La	wielice		r - Hans	5-FECUS					
Kevie	wer (Initials)											

Numb	Number: 22-N Category: Genetic Improvements												
Title:_	CRISPR-Cas9	Genome	Editing o	of cottor	n JAZ ge	enes for	Helicove	rpa Zea a	and H.	Armigera Herbivory F	Resistance		
P.I.: <u>C</u>	Chris Rock; Sun	itha Suk	umaran;	Megha	<u>Parajule</u>	е			_Cor	mpany: <u>TALR &amp; TTL</u>	J		
Projec	ct Duration (	Years):	1		Projec	t Year	#: <u></u>	1	_Fur	nding Requested:_	\$40,568		
											RANK		
I.	Significance												
	(Rank the sign	nificance	of the be	enefits c	of this re	search t	to Texas	Cotton P	roduc	ers)			
	1	2	3	4	5	6	7	8	9	10			
	Not Benefic	ial			Benef					/ Beneficial			
II.	Technical F	easibili	itv										
				f this re	search	based o	n scienti	fic soundr	ness a	and technical relevand	e)		
	1	2	3	4	5	6	7	8	9	10			
	Not Feasib		3	4	Feasi		,	O		y Feasible			
										,			
	Commission	of Duo											
III.	Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five years)												
	,										,		
	1	2	3	4	5 Mada	6	7	8	9	10			
	Low				Mode	rate				High			
IV.	Cost / Bene (Rank this res		and on it	ta propa	and non	t compo	rad ta ar	ticipated	honof	iita)			
	(Rank this les	ealch	aseu on n	is propu	isai cos	Сопра	reu to ar	ilicipateu	benei	115)			
	1	2	3	4	5	6	7	8	9	10			
	Poor				Goo	od			E	xcellent			
	Regional Si	anifica	nce										
	(Circle the Te			ction Re	egions I	mpacted	by this	proposal)					
	Statewide	or	BL	EP	HP	RGV	RP	SL S	SRP	ST TP			
	Statewide	e or	DL	CF	ПР	KGV	KF	SL S	OKE	SI IF			
										TOTAL	L RANKING		
RI	- Texas Blacklar	nde Di	REGION				ıtharn Pa	lling Plains					
EP	- El Paso Valley	R	P - Rolling	Plains	S	T - South	n Texas	iiiiy i laiils	'				
	- High Plains	SI	L - St. Law	rence	Т	P - Trans	s-Pecos						
Revie	wer (Initials)												

Numb	er:	22	2-0		Ca	tegory:_	Fertiliza	ition / Irr	igation				
Title:_	Enhancing Na	tive So	<u>il Algae t</u>	o Increa	se Cotto	n Yield a	and Soil	<u>Organic</u>	Matter,	Improve	Water Saving	s and Irriga	<u>ation</u>
Efficien	cy and Stabliz	e Soils	Against	Erosion									
P.I.: <u>L</u>	<u>indsey Slaugh</u>	ter							Co	mpany:	TALR & TTU	J	
Projec	t Duration (	Years	s):	2	Proje	ct Year	r#:	1	Fu	nding R	equested:_	\$25,471	
												RA	NK
I.	Significanc (Rank the sig						to Teva	s Cottor	n Produ	cers)			
	(Italik tile sig	iiiicaii	oc or the	Derionic	3 01 11113	i Cocai ci i	10 1014	3 001101	TT TOUG	0013)			
	1	2	3	4		_	7	8	9	10	I		
	Not Benefic	ciai			Bene	eficial			ver	y Benef	iciai		
II.	Technical F		•	v of this	rasaard	n hasad (	on scien	tific sou	ndnass	and tach	nical relevanc	ره.	
	(Italik tile tec	iiiicai	icasibilit <sub>i</sub>	y Or triis	researci	i baseu (	JII SCIEII	tillo soul	nuness	and tech	ilicai relevano		
	1	. 2	3	4	5		7	8	9				
	Not Feasib	ole			Fea	sible			ve	ry Feas	ible		
III.	Completion				roduce	significan	ıt rasıılts	to Tevs	as Cotto	n Produc	ers in five yea	are)	
	(IVALIK IIIIS IE	searcii	OII IIS at	mity to p	TOUUGE S	oigi iiiicai i	ii resuits	to Texe	as Collo	iii iodac	ers in five yea		
	1	2	3	4	5	6	7	8	9	10			
	Low				Mod	erate				High			
IV.	Cost / Bene (Rank this res		hased o	n its nro	nosal co	et compa	ared to a	nticinat	ed hene	ofite)			
	(Italik tilis ie.	searcii	baseu o	ii its pio	posai co	or compe		ппорав	eu bene	iito)			
	1	2	3	4	5	6	7	8	9	10			
	Poor				Go	od			ŀ	Exceller	it .		
	Regional S	ignific	ance										
	(Circle the Te	exas C	otton Pro	duction	Regions	Impacte	d by this	s propos	sal)				
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP		
											<b>TOT</b> 4.1		
			REGI	ONALL	OCATIC	)N					IOIAI	L RANKI	NG
	- Texas Blackla		RGV - Ri	o Grande	e Valley	SRP - So ST - Sout		olling Pla	ains				
	- El Paso Valley - High Plains		RP - Roll SL - St. L			TP - Tran							

Reviewer (Initials) \_\_\_\_\_

Numb	Number: <u>22-P</u> Category: <u>Fertilization / Irrigation</u>											
Title:_	Developing a F	- ertigatio	n Strateg	y for Su	ıbsurfac	e Drip-Ir	rigation o	on Texas'	Sout	hern High Plains		
P.I.: <u>k</u>	Katie Lewis								_Co	mpany: <u>TALR</u>		
Projec	ct Duration (	Years):	1		Projec	t Year	#:	1	_Fu	nding Requested:	\$18,750	
											RANK	
I.	Significance											
	(Rank the sig	nificance	of the be	enefits o	of this re	esearch t	to Texas	Cotton F	Produc	cers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic	ial			Benef	icial			Ver	y Beneficial		
II.	Technical F	easibil	it∨									
				of this re	search	based o	n scienti	fic sound	ness	and technical relevand	ce)	
	1	2	3	4	5	6	7	8	9	10		
	Not Feasib		Ü	7	Feas		•	O		ry Feasible		
										•		
III.	Completion	of Dro	nocol									
111.	Completion (Rank this res			y to pro	duce si	gnificant	results	to Texas	Cotto	n Producers in five ye	ars)	
											, L	
	1 Low	2	3	4	5 Mode	6 rato	7	8	9	10 High		
	LOW				Mode	Tale				riigii		
IV.	Cost / Bene (Rank this res		ased on it	te nronc	neal cne	t compa	red to ar	nticinated	hene	fite)		
	(Italik illis les	bearen be	ased on i	is prope	<i>J</i> 3ai 603	t compa	ieu io ai	ilicipated	Dene	into)		
	_ 1	2	3	4	5	6	7	8	9	10		
	Poor				Goo	od			E	Excellent		
	Regional S	ignifica	nce									
	(Circle the Te			ction R	egions I	mpacted	by this	proposal	)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL S	SRP	ST TP		
	Otatewide	. OI	DL	L'I	' ''	IVO V	IXI	OL C	ואוכ	01 11		
										TOTA	L RANKING	
BI	- Texas Blacklar	nds R	REGION GV - Rio (				ıthern Ro	lling Plains				
EP	- El Paso Valley	' R	P - Rolling	Plains	S	T - South	n Texas					
	- High Plains		L - St. Lav	vrence	<u> </u>	P - Trans	s-Pecos					
Kevie	wer (Initials)											

Numb	er:	22-	·Q		Ca	tegory:_	Marketi	ing / Eco	nomics	3		
Title:_	High Plains Co	otton Pro	ofitability	/ Project								
P.I.: <u>V</u>	Vill Keeling								C	ompany:_	TALR	
Projec	ct Duration (	Years)	:	1	_Proje	ect Year	r#:	11	F	ınding Re	quested:	\$5,000
l.	Significanc (Rank the sig						to Texa	as Cotton	ı Produ	ucers)		RANK
	1 Not Benefic	2 cial	3	4	5 Bene	6 eficial	7	8	9 Ve	10 ry Benefic	cial	
II.	Technical F			y of this	researc	h based o	on scien	itific sour	ndness	and techni	cal relevance	)
	1 Not Feasik	2 ole	3	4	5 Fea	6 sible	7	8	9 Ve	10 ery Feasib	le	
III.	Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five years											
	1 Low	2	3	4	5 Mod	6 erate	7	8	9	10 High		
IV.	Cost / Bene (Rank this res	-	pased o	n its prop	posal co	ost compa	ared to a	anticipate	ed ben	efits)		
	1 Poor	2	3	4	5 Go	6 ood	7	8	9	10 Excellent		
	Regional S (Circle the Te			duction	Regions	s Impacte	d by this	s propos	al)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											TOTAL	RANKING
EP	<ul><li>Texas Blackla</li><li>El Paso Valley</li><li>High Plains</li></ul>	/ I	RGV - Ri RP - Roll	ONAL LO o Grande ing Plains awrence	e Valley s	N SRP - So ST - Sout TP - Tran	h Texas	-	ins			
Revie	wer (Initials)											

Numb	er:	22-	-R		Ca	tegory:						
Title:_	Increasing the	Inclusio	n of Co	ttonseed	Flour ir	n Diet of A	Aquacult	tured Fis	h			
P.I.: <u></u>	Delbert Gatlin								Cc	mpany:_	TAMU	
Projec	ct Duration (`	Years)	:	1	_Proje	ect Year	r #:	1	Fu	nding Re	equested:_	\$29,500
	Ciamificana.	- 4- T		-44 F	)							RANK
I.	Significance (Rank the sign						to Texa	s Cottor	n Produ	cers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic		3	4		eficial	,	O		y Benefi	cial	
II.	Technical F											
	(Rank the tec	hnical f	easibilit	y of this	researc	h based (	on scien	tific sou	ndness	and techn	ical relevance	e)
	1	2	3	4	5		7	8	_			
	Not Feasib	le			Fea	sible			Ve	ry Feasil	ole	
III.	Completion (Rank this res				roduce (	significan	it requilte	to Teva	as Cotto	n Produce	ors in five vea	re)
	(IVAIIIV IIIIS ICC	caron		nity to p							no in nive yea	
	1 Low	2	3	4	5 Mod	6 erate	7	8	9	10 High		
	LOW				IVIOU	Ciale				riigii		
IV.	Cost / Bene	√fi+										
IV.	(Rank this res		pased o	n its prop	oosal co	st compa	ared to a	anticipate	ed bene	efits)		
	1	2	3	4	5	6	7	8	9	10		
	Poor	_	Ū	•		ood	•	Ū		Excellent	t	
	Regional S	ianifica	ance									
	(Circle the Te			duction	Regions	Impacte	d by this	s propos	sal)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
	O tato mad	. 0.			• • •			0_	<b>O</b> . t.	0.		
			REGI	ONAL LO	CATIC	)NI					TOTAL	RANKING
	- Texas Blacklar		RGV - Ri	o Grande	Valley	SRP - So		olling Pla	ains			
	- El Paso Valley - High Plains			ing Plains _awrence		ST - Sout						
Revie	wer (Initials)											

Numb	er:	22-9	<u> </u>		Cate	egory:_	<u>Fertilizat</u>	<u>ion / Irriga</u>	ation				
Title:_	Evaluation of S	Subsurfac	ce Drip Ir	rigation	Effects	on Cotto	n Root Z	<u> Zone Salir</u>	nity in	Arid Far West Texas	_		
P.I.: <u>(</u>	Sirisha Ganjegu	ınte							_Co	mpany: <u>TALR</u>			
Projec	t Duration (	Years):	4	2	Proje	ct Year	#:	1	_Fur	_Funding Requested: <u>\$15,156</u>			
											RANK		
I.	Significance						_	O 5		,			
	(Rank the sign	nificance	of the b	enefits	of this re	esearch 1	o rexas	Cotton P	roduc	cers)			
	1	2	3	4	5	6	7	8	9	10			
	Not Benefic	ial			Bene	ficial			Ver	y Beneficial			
II.	Technical F												
	(Rank the tec	hnical fe	asibility o	of this re	esearch	based o	n scienti	fic sound	ness	and technical relevar	nce)		
	1	2	3	4	5	6	7	8	9	10			
	Not Feasib	le			Feas	ible			Ver	ry Feasible			
III.	Completion	of Pro	posal										
				ty to pro	duce si	gnificant	results	to Texas	Cotto	n Producers in five ye	ears)		
	1	2	3	4	5	6	7	8	9	10			
	Low	_	Ü	•	Mode		•	Ū	Ū	High			
IV.	Cost / Bene	efit											
	(Rank this res		ased on i	its prop	osal cos	st compa	red to ar	nticipated	bene	fits)			
	1	2	3	4	5	6	7	8	9	10			
	Poor	_	J	7	Go		,	O		Excellent			
	Regional Si (Circle the Te			uction R	egions	Impacted	d by this	proposal)	١				
	(00.00				9.00			p. op coa.,	,				
	Statewide	e or	BL	EP	HP	RGV	RP	SL S	SRP	ST TP			
										TOTA	AL RANKING		
			REGIO										
	<ul> <li>Texas Blacklar</li> <li>El Paso Valley</li> </ul>		GV - Rio ( P - Rolling			SRP - Sou ST - South		lling Plains	6				
	- High Plains		L - St. Lav			TP - Trans							
Revie	wer (Initials)												

Numb	er:	22-	T		Cat	egory:_	Pest Co	ontrol				
Title:_	Breaking the V	<u>icious C</u>	ycle of \	Whitefly	<u>Infestati</u>	ons on C	otton in	South T	exas			
P.I.: <u>F</u>	reddy Ibanez-	Carrasco	)						C	ompany: <u>T</u>	ALR	_
Projec	ct Duration (	Years):		1	_Proje	ct Year	·#:	1	Fu	unding Red	quested:	\$30,980
l.	Significanc (Rank the sig						to Texa	s Cotton	ı Produ	ucers)		RANK
	1 Not Benefic	2 cial	3	4	5 Bene	_	7	8	9 Ve	10 ry Benefici	ial	
II.	Technical F (Rank the tec			of this i	research	n based o	on scien	itific sour	ndness	and technic	al relevance	·)
	1 Not Feasib	2 ole	3	4	5 Feas		7	8	9 Ve	10 ery Feasibl	е	
III.	Completion (Rank this res			ility to pr	oduce s	significan	t results	s to Texa	s Cotto	on Producers	s in five year	rs)
	1 Low	2	3	4	5 Mode	6 erate	7	8	9	10 High		
IV.	Cost / Bene (Rank this res		ased or	n its prop	oosal co	st compa	ared to a	anticipate	ed ben	efits)		
	1 Poor	2	3	4	5 Go	6 ood	7	8	9	10 Excellent		
	Regional S (Circle the Te			duction I	Regions	Impacte	d by this	s propos	al)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											TOTAL	RANKING
EP	- Texas Blacklaı - El Paso Valley - High Plains	, F	RGV - Rid RP - Rolli	ONAL LO o Grande ng Plains awrence	Valley	N SRP - So ST - Sout TP - Tran	h Texas	_	ins			
Revie	wer (Initials)								<u>'</u>			

Numb	er:	22-	-U		Ca	tegory:	Produc	tion Syst	ems			
Title:_	Controlling Vo	lunteer (	Cotton in	n Grain S	Sorghun	n Trial 20	22					_
P.I.: <u>[</u>	Danielle Sekula	; Josh N	/IcGinty						C	ompany: <u>T</u>	ALR	_
Projec	ct Duration (	Years)	:	1	Proje	ect Year	r#:	1	Fι	unding Red	uested:	\$3,000
l.	Significano	o to Ta	ovac C	otton E	)roduo	ore						RANK
1.	Significanc (Rank the sig						to Texa	as Cottor	n Produ	ıcers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic	cial			Bene	eficial				ry Benefici	al	
II.	Technical F											
	(Rank the tec	hnical f	easibilit	y of this	researc	h based (	on scien	ntific sour	ndness	and technic	al relevance)	
	1	. 2	3	4	5		7	8				
	Not Feasik	oie			rea	sible			V€	ery Feasible	е	
III.	Completion (Rank this res			ility to p	roduce	significan	t results	s to Texa	ıs Cotto	on Producers	s in five years	s)
	1 Low	2	3	4	5 Mod	6 erate	7	8	9	10 High		
IV.	Cost / Bene (Rank this res	_	pased o	n its pro	posal co	ost compa	ared to a	anticipate	ed ben	efits)		
	1 Poor	2	3	4	5 Go	6 ood	7	8	9	10 Excellent		
	Regional S (Circle the Te			duction	Regions	s Impacte	d by thi	s propos	al)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST T	ГР	
											TOTAL	RANKING
BL	- Texas Blackla	nds l		ONAL Lo		N SRP - So	uthern R	tolling Pla	ins			
EP	- El Paso Valley - High Plains	/ I	RP - Roll	ing Plain awrence	S	ST - Sour	h Texas	_				
Revie	wer (Initials)											

Number: <u>22-V</u> Category: <u>Genetic Improvements</u>												
Title:_	A Novel Approa	ach to Co	ontrol Fun	ngal Dis	eases by	y Spray	-Induced	Gene Si	ilencin	g		
P.I.: <u>J</u>	ungi Song								Co	mpany: TA	LR	
Projec	ct Duration (	rears):	2		Projec	t Year	#:	1	Fu	nding Requ	uested:	\$35,000
l.	Significance	to Tay	vas Cott	on Dr	oducar	c						RANK
1.	(Rank the sign						to Texas	Cotton F	Produc	cers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic	ial			Benefi					y Beneficia	ıl	
II.	Technical F	easihili	itv									
	(Rank the tecl			f this re	search b	oased o	n scienti	fic sound	Iness	and technica	l relevance)	ı
	1	2	3	4	5		7	8	9			
	Not Feasib	le			Feasi	ble			Ve	ry Feasible		
III.	Completion	of Pro	oosal									
	(Rank this res			y to pro	duce sig	ınificant	results t	o Texas	Cotto	n Producers	in five years	\$)
	1	2	3	4	5 Madar	6	7	8	9	10		
	Low				Moder	ale				High		
IV.	Cost / Bene											
	(Rank this res	earch ba	ased on it	s propo	sal cost	compa	red to an	iticipated	l bene	fits)		
	1 Poor	2	3	4	5 Goo	9 9	7	8	9	10 Excellent		
	1 001				000	u			_	-xcellerit		
	Regional Si (Circle the Te			ction R	egions Ir	mpacted	by this	proposal	l)			
	Statewide	or	BL I	EP	HP F	RGV	RP	SL S	SRP	ST T	Р	
											TOTAL	RANKING
BL	- Texas Blacklan	ıds R	REGION GV - Rio G	_			ithern Ro	lling Plain	s			
EP	- El Paso Valley - High Plains	R	P - Rolling L - St. Law	Plains	S	T - South	Texas	<u> </u>				
Revie	wer (Initials)											

Numb	er:	22-	W		Ca	tegory:_						
Title:_	Unmanned Ae	rial Syst	em (UAS	<u>S)-Based</u>	d Quant	ification o	of Cottor	Crop M	aturity	and Harves	t-Aid Applica	ation
P.I.: <u>N</u>	Mahendra Bhar	ndari							C	ompany:_]	ΓALR	
Projec	ct Duration (											
l.	Significanc						to Tovo	- Cotton	Duad			RANK
	(Rank the sig	nilicanc	e or the	benenis	OI IIIIS	research	то теха	S Collon	Produ	icers)		
	1 Not Benefic	2 cial	3	4	5 Bene	6 eficial	7	8	9 Ve	10 ry Benefic	ial	
II.	Technical F			of this r	esearc	n based o	on scien	tific soun	ndness	and technic	cal relevance	e)
	1 Not Feasib	2 ole	3	4		6 sible	7	8		10 ery Feasib	le	
III.	Completion (Rank this res			lity to pr	oduce :	significan	t results	to Texas	s Cotto	on Producer	s in five yea	rs)
	1 Low	2	3	4	5 Mod	6 erate	7	8	9	10 High		
IV.	Cost / Bene (Rank this res		ased on	its prop	osal co	st compa	ared to a	ınticipate	ed bene	efits)		
	1 Poor	2	3	4	5 Go	6 ood	7	8	9	10 Excellent		
	Regional S (Circle the Te			duction F	Regions	Impacte	d by this	s proposa	al)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											TOTAL	RANKING
EP	- Texas Blacklar - El Paso Valley - High Plains	, F	RGV - Ric	ng Plains	Valley	N SRP - So ST - Sout TP - Tran	h Texas	olling Plai	ns			
Revie	wer (Initials)											

Numb	er:	22-)	Χ		Cate	egory:_	<u>Fertilizati</u>	on / Irrig	ation		
Title:_	Finding Sustair	nable We	est Texas	S Agricu	Iture Pro	duction	and Dim	inished I	Irrigation	n Through Established	Dryland
P.I.: <u>B</u>	layne Reed; Jo	ourdan B	ell; Suha	ıs Vyavl	nare				Con	npany: <u>TALR</u>	
Projec	t Duration (	Years):	3	3	_Projec	ct Year	#:	1	Fun	ding Requested:	\$9,000
											RANK
l.	Significance						_	_			
	(Rank the sign	nificance	e of the b	enefits	of this re	esearch	to Texas	Cotton	Produce	ers)	
	1	2	3	4	5	6	7	8	9	10	
	Not Benefic	ial			Benef	icial			Very	Beneficial	
II.	Technical F										
	(Rank the tecl	hnical fe	asibility o	of this re	esearch	based o	n scienti	fic soun	dness a	and technical relevance	)
	1	2	3	4	5	6	7	8	9	10	
	Not Feasib	le			Feas	ible			Very	y Feasible	
III.	Completion	of Pro	posal								
	(Rank this res	earch o	n its abilit	ty to pro	oduce si	gnificant	results t	o Texas	Cotton	Producers in five year	rs)
	1	2	3	4	5	6	7	8	9	10	
	Low				Mode					High	
IV.	Cost / Bene	efit									
	(Rank this res	earch b	ased on i	its prop	osal cos	t compa	red to an	ticipate	d benefi	its)	
	1	2	3	4	5	6	7	8	9	10	
	Poor	_		•	God	_	·	•		xcellent	
	Danianal Ci	:£:									
	Regional Si (Circle the Te			uction R	egions I	mpacted	d by this	proposa	ıl)		
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST TP	
										TOTAL	RANKING
	Tava- DL LL	4- 5	REGION	_	-		.46 5	line Di i			
EP	- Texas Blacklan - El Paso Valley	R	GV - Rio ( P - Rollino	g Plains	S	T - South	n Texas	iing Plair	าร		
	- High Plains	S	L - St. Lav	wrence	Т	P - Trans	s-Pecos				
Revie	wer (Initials)										

Numb	er:	22	-Y		Cat	tegory:_	Produc	tion Syst	tems			
Title:_	Targeting Eme	rging V	leed Iss	ues in W	lest Cen	tral Texa	IS					
P.I.: <u>F</u>	Reagan Noland	; Brad E	asterlin	g					C	ompany:_	TALR	
Projec	ct Duration (	Years)	:	1	Proje	ct Year	r #:	1	Fu	ınding Re	quested:_	\$14,911
I.	Significance	e to Te	exas C	otton F	Produce	ers						RANK
	(Rank the sign						to Texa	s Cottor	n Produ	icers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic	ial			Bene	eficial			Ve	ry Benefic	cial	
II.	Technical F	easib	ility									
	(Rank the tech	hnical f	easibility	y of this	research	n based o	on scien	tific sou	ndness	and techni	cal relevanc	e)
	1	2	3	4	5		7	8				
	Not Feasib	le			Fea	sible			Ve	ery Feasib	ole	
III.	Completion (Rank this res				roduce s	significan	it results	s to Texa	as Cotto	on Produce	rs in five yea	ars)
	1 Low	2	3	4	5 Mod	6 erate	7	8	9	10 High		
IV.	Cost / Bene (Rank this res		pased o	n its pro	posal co	st compa	ared to a	anticipate	ed bene	efits)		
	1 Poor	2	3	4	5 Go	6 ood	7	8	9	10 Excellent		
	Regional Si (Circle the Te			duction	Regions	Impacte	ed by this	s propos	sal)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											TOTAL	L RANKING
EP	- Texas Blacklar - El Paso Valley - High Plains		RGV - Ri RP - Roll		S	N SRP - So ST - Sout TP - Tran	th Texas	-	ains			
Revie	wer (Initials)											

Numb	er:	22-	Z		Cat	tegory:_	Fertiliza	ation / Irr	igation			
Title:_	Stimulating Nit	rogen F	ixation f	or Impro	ved Cot	ton Prod	uction in	Texas				
P.I.: <u>J</u>	ulie Howe; Kat	ie Lewis	; Lindse	y Slaug	hter; Jοι	<u>ırdan Be</u>			C	ompany:_	TALR	
Projec	ct Duration (	Years):	·	1	_Proje	ct Year	r#:	11	Fu	ınding Re	quested:	\$39,990
												RANK
I.	Significance (Rank the sign						to Texa	s Cottor	n Produ	ıcers)		
	1	2	3	4	5	6	7	8	9	10		
	Not Benefic	ial			Bene	eficial			Ve	ry Benefic	cial	
II.	Technical F	easibi	lity									
	(Rank the tec	hnical fe	easibility	of this	research	n based o	on scien	tific soul	ndness	and techni	cal relevance	<del>)</del> )
	1	2	3	4	5	6	7	8	9	10		
	Not Feasib	le			Fea	sible			Ve	ery Feasib	ole	
III.	Completion (Rank this res			ility to pı	oduce s	significan	t results	to Texa	as Cotto	on Produce	rs in five year	rs)
	1 Low	2	3	4	5 Mode	6 erate	7	8	9	10 High		
IV.	Cost / Bene (Rank this res		ased or	n its prop	osal co	st compa	ared to a	anticipate	ed ben	efits)		
	1 Poor	2	3	4	5 Go	6 ood	7	8	9	10 Excellent		
	Regional Si (Circle the Te			duction I	Regions	Impacte	d by this	s propos	sal)			
	Statewide	e or	BL	EP	HP	RGV	RP	SL	SRP	ST	TP	
											TOTAL	RANKING
EP	- Texas Blacklar - El Paso Valley - High Plains	F	RGV - Ric RP - Rolli	ONAL LO o Grande ing Plains awrence	Valley	N SRP - So ST - Sout TP - Tran	h Texas	olling Pla	ains			
Revie	wer (Initials)											

Rank the significance of the benefits of this research to Texas Cotton Producers)   1	Number: 22-AA Category: Fertilization / Irrigation											
Project Duration (Years): 1 Project Year #: 1 Funding Requested: \$5,000  I. Significance to Texas Cotton Producers (Rank the significance of the benefits of this research to Texas Cotton Producers)  1 2 3 4 5 6 7 8 9 10  Not Beneficial Beneficial Very Beneficial  II. Technical Feasibility (Rank the technical feasibility of this research based on scientific soundness and technical relevance)  1 2 3 4 5 6 7 8 9 10  Not Feasible Very Feasible  III. Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five years)  1 2 3 4 5 6 7 8 9 10  Low Moderate High  IV. Cost / Benefit (Rank this research based on its proposal cost compared to anticipated benefits)  1 2 3 4 5 6 7 8 9 10  Poor Good Excellent  Regional Significance (Circle the Texas Cotton Production Regions Impacted by this proposal)	Title:_	Cotton Educati	on and A	Applied Re	search Acti	vities for th	e North	ern Texas	s High	Plains		
I. Significance to Texas Cotton Producers (Rank the significance of the benefits of this research to Texas Cotton Producers)  1 2 3 4 5 6 7 8 9 10 Not Beneficial Beneficial Very Beneficial  II. Technical Feasibility (Rank the technical feasibility of this research based on scientific soundness and technical relevance)  1 2 3 4 5 6 7 8 9 10 Not Feasible Feasible Very Feasible  III. Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five years)  1 2 3 4 5 6 7 8 9 10 Low Moderate High  IV. Cost / Benefit (Rank this research based on its proposal cost compared to anticipated benefits)  1 2 3 4 5 6 7 8 9 10 Poor Good Excellent  Regional Significance (Circle the Texas Cotton Production Regions Impacted by this proposal)	P.I.: <u>J</u>	ourdan Bell; Ke	evin Hefl	in					C	ompany: <u>TALR</u>		
I. Significance to Texas Cotton Producers (Rank the significance of the benefits of this research to Texas Cotton Producers)  1 2 3 4 5 6 7 8 9 10  Not Beneficial Beneficial Very Beneficial  II. Technical Feasibility (Rank the technical feasibility of this research based on scientific soundness and technical relevance)  1 2 3 4 5 6 7 8 9 10  Not Feasible Feasible Very Feasible  III. Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five years)  1 2 3 4 5 6 7 8 9 10  Low Moderate High  IV. Cost / Benefit (Rank this research based on its proposal cost compared to anticipated benefits)  1 2 3 4 5 6 7 8 9 10  Roor Good Excellent  Regional Significance (Circle the Texas Cotton Production Regions Impacted by this proposal)	Projec	ct Duration (`	Years):	1	Pro	ject Year	·#:	1	Fu	unding Requeste	d: <u>\$5,000</u>	
I. Significance to Texas Cotton Producers (Rank the significance of the benefits of this research to Texas Cotton Producers)  1 2 3 4 5 6 7 8 9 10  Not Beneficial Beneficial Very Beneficial  II. Technical Feasibility (Rank the technical feasibility of this research based on scientific soundness and technical relevance)  1 2 3 4 5 6 7 8 9 10  Not Feasible Feasible Very Feasible  III. Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five years)  1 2 3 4 5 6 7 8 9 10  Low Moderate High  IV. Cost / Benefit (Rank this research based on its proposal cost compared to anticipated benefits)  1 2 3 4 5 6 7 8 9 10  Roor Good Excellent  Regional Significance (Circle the Texas Cotton Production Regions Impacted by this proposal)												
Rank the significance of the benefits of this research to Texas Cotton Producers)   1											RANK	
1 2 3 4 5 6 7 8 9 10	l.						4. T	- 0-4	Dan di			
III. Technical Feasibility (Rank the technical feasibility of this research based on scientific soundness and technical relevance)  1 2 3 4 5 6 7 8 9 10 Not Feasible Feasible Very Feasible  III. Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five years)  1 2 3 4 5 6 7 8 9 10 Low Moderate High  IV. Cost / Benefit (Rank this research based on its proposal cost compared to anticipated benefits)  1 2 3 4 5 6 7 8 9 10 Poor Good Excellent  Regional Significance (Circle the Texas Cotton Production Regions Impacted by this proposal)		(Rank the sig	nificance	e of the ber	netits of this	s researcn	to rexa	is Cotton	Produ	icers)		
II. Technical Feasibility (Rank the technical feasibility of this research based on scientific soundness and technical relevance)  1 2 3 4 5 6 7 8 9 10 Not Feasible Feasible Very Feasible  III. Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five years)  1 2 3 4 5 6 7 8 9 10 Low Moderate High  IV. Cost / Benefit (Rank this research based on its proposal cost compared to anticipated benefits)  1 2 3 4 5 6 7 8 9 10 Poor Good Excellent  Regional Significance (Circle the Texas Cotton Production Regions Impacted by this proposal)				3	_		7	8				
(Rank the technical feasibility of this research based on scientific soundness and technical relevance)  1 2 3 4 5 6 7 8 9 10  Not Feasible Feasible Very Feasible  III. Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five years)  1 2 3 4 5 6 7 8 9 10  Low Moderate High  IV. Cost / Benefit (Rank this research based on its proposal cost compared to anticipated benefits)  1 2 3 4 5 6 7 8 9 10  Poor Good Excellent  Regional Significance (Circle the Texas Cotton Production Regions Impacted by this proposal)		Not Benefic	ial		Ber	neficial			Ve	ry Beneficial		
(Rank the technical feasibility of this research based on scientific soundness and technical relevance)  1 2 3 4 5 6 7 8 9 10  Not Feasible Feasible Very Feasible  III. Completion of Proposal (Rank this research on its ability to produce significant results to Texas Cotton Producers in five years)  1 2 3 4 5 6 7 8 9 10  Low Moderate High  IV. Cost / Benefit (Rank this research based on its proposal cost compared to anticipated benefits)  1 2 3 4 5 6 7 8 9 10  Poor Good Excellent  Regional Significance (Circle the Texas Cotton Production Regions Impacted by this proposal)												
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EP - El Paso Valley RP - Rolling Plains ST - South Texas HP - High Plains SL - St. Lawrence TP - Trans-Pecos			R	P - Rolling I	Plains	ST - Sout	h Texas	<b>J</b>				
Reviewer (Initials)				_ 0 2011								