



MYcRvZšx evsj vř`k mi Kvi

gł` eÁvbK KgRZPI wefvMxq cäv, gwĚKv weÁvb wefvM, evsj vř`k Kwł.  
Mřel Yv Bbı÷ıUDU

Ges

cwi Pvj K (cwi Pvj K), evsj vř`k Kwł. Mřel Yv Bbı÷ıUDU Gi gřa` mřywi Z

ewł R Kgřıúv` b Pı<sup>3</sup>

1j v RjıB 2016 Ñ 30 Rı 2017

# miPcÎ

câv.bs

Kgñûr`tbi mveR wPÎ	1
DcµgWYKv	4
tmKkb 1t ifcKí (Vision), Awfjÿ" (Mission), tKŠkjMZ Dfík"mgR Ges Kvhøj	5
tmKkb 2t weifbèKvhøjgi Pðvšdjvdj/cfve (Outcome/Impact)	6
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msthvRbx 1t kāmstÿc (Acronyms)	12
msthvRbx 2t Kgñûr`b mPKmgR, evmévqbKvi x DBs/Awcm/BDwBU/cKí Ges cwigvc CxwZ	13
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**গুঁEKv weÁvb wefM, evsj vt`k Kul. MtelYv Bbiv= uDU, MRicjGi Kgñúv` tbi mweR vPÍ**  
**(Overview of the Performance of Soil Science Division, Bangladesh**  
**Agricultural Research Institute, Gazipur)**

**mveúZK ARØ, P`vtj Ä Ges fíel`r cniKÍbt**

**mveúZK eQimgñi (3 eQi) cávb ARØmgn**

evsj vt`k Kul. MtelYv Bbiv= uDUtUi Avl Zvaxb wefbaedmj I km` web`vtmi guEKv e`e`vcbr I Dv`m`c cyó mjeúZKiY guEKv weÁvb wefvMí Ab`Zg cávb `vqZj| weMZ 3 ermñi 5 uU dmtj i gly` I 3 uU dmtj i tMŠb cyó Dcv`vtbi Pvn`vi cwi gvb `bifcb Kiv ntqtQ| uZb dmj wfvEK 2 uU km` web`vtmi mvñi Pvn`v `bifcb Kiv ntqtQ| GKúU dmtj i cmbi Pvn`v cwi gvc ceR` tmñPi mñWDj `bifcb Kiv ntqtQ| Wvj dmj mgñi wefbaedRvñZi DcñhMx 4 uU Rhizobium t÷Bb D`m`eb Kiv ntqtQ hv Wvj RvZxq dmtj i Drcv`b ewx` Kñi| gvBñKvívBRv I GñRvñUve`vKñUviqv wfvEK AbRxe mvi D`m`eb Kiv ntqtQ| tKñPv Kñúvó Drcv`tbi tKŠkj Ges Gi DcñhMx 2 uU tKñPvi cRñvZ mbr<sup>3</sup> Kiv ntqtQ| Añ wefvMí j`vetiUiñuU weMZ 3 ermñi 7550 uU gñuU, 1120 uU mvi, 6030 uU Dv`m`c I 180 uU cmbi bglv weñkñY KñiñQ| weGAviñm KZR.cñvZ mvi mñvñi k MvBñWi 70% mñvñi kB Añ wefvMí MtelYv j`ä cñv` | GZØe`ZxZ fñv I Mg dmtj i cmb e`enñi i Kiv` ýZv ewx`i Rb` km` mñM uByñ Kiv ntqtQ|

**mgm`v I P`vtj Ämgn**

guEKv weÁvb wefvMí j`vetiUiñuU Kul. gŠñvñq KZR` tñvñZ 5uU b`vkbñj j`vetiUiñi Ab`Zg| D<sup>3</sup> j`vetiUiñuU Añ Bbiv= uDUtUi wefbaedwefvM I tKñ`ñ gñuU, cmb I Dv`m`c bglv weñkñY I djvdj e`vL`v Kñi `vtK| wefbaedmñhMx ms`nv, GbñRI, weñe`ññvñq mgn I KIKñ`i tmev cñvb Kñi `vtK| ZvQrov, Avg`vbxKZ. I t`ñk cñ`ZKZ.mvi mgñi weñkñY ceR` ,bv, b gj`vqb Kñi `vtK| weGAviAvB Gi cávb Kivññq e`ñZZ ewnt tK`ñ` mgñ guEKv weñkññYi j`vetiUiñi bv `vKvq mg`I MtelYv gvñVi bglv D<sup>3</sup> j`vetiUiññZ weñkñY Kiv nq| GQrov guEKvi tñŠZ, ivñvñqbK I `RñeK ,brejñ gj`vqb ceR` guEKvi mñ`n` eRvq ivLv I tmB mñ`\_ dmtj i dj b I ,bMZ gvb ewx`i j`ñy` j`vMmB cñv` D`m`eb Añ wefvMí cávb P`vtj Ä| Rj evqycñieZØ RñbZ mgm`v thgb- jeYv<sup>3</sup>Zv, Liv I Rj gmZv RñbZ SñK tñvKñejv I mgm`vcñ`gñuU e`e`ñvcbr Añ wefvMí ,iaZñcñ`vñqZj| cvñvñx Gj`vKvq fññ ýq GKúU weivU mgm`v hv `bifcb I guEKv msiññYi Rb` e`e`ñv MñY GK weivU P`vtj Ä| KveØ Sequestration Gi gñ`ñg gñuUñZ KveØ msiññY Kñi Mñb nñDR M`vm Kgññbvi Dcñq D`m`eb Añ wefvMí `vñqZj| G j`ñy` bZb hŠcñvZ mññhñRb I mññM-mñvav ewx`i gñ`ñg j`vetiUiñi AvañbKvqb Riññx| j`vetiUiññZ KgñZ weÁvb I tUKñvñqññbi `ñZv iññQ| bglv weñkññYi Rb` DbZñññbi ivñvñqbK `è`ññi cñqñRb hvi gj`

AZ`maK| j`vetiUi`xZ KgPZ ueÁvbx I tUKubwqubt`i Dbz`gv`bi c`k`y`bi Afve itqtQ| guEKv  
 AbRxeZÉj| guEKv c`v`q`vLvi j`vetiUi`xZ Dbz` gv`bi hšc`mZ c`q`vRb| Dcišj`vetiUix hšc`mZ bó  
 ntj Zv tgi`vgtZi Rb` `y` c`Kšj`x c`q`vRb hv` evsj`v`tk AcLz`j`|

**fieI`r cuiKí bv**

- ueGAviAvB KZR.D`m`ueZ dmtj i RvZ mg`ni mvi mšzvi k|
- Pvi dmj w`f`uEK I Avšit dmj w`f`uEK km` web`vm, Ges dj R et`yi mvti i Pmn`v ubifcb|
- bb-uj`g dmtj i Dc`thvMx AYRxe mvi D`m`eb|
- Dv`m`c KZR.mvi I c`mb e`envti i Kih`y`Zv evx. Kiv|
- guEKvi t`f`šZ, i`vmiqubK I `RueK`bvej`x Dbq`bi gva`tg dmtj i Drcv`b evx. I g`m`Uj m`l`n`  
 msi`y`Y|
- m`u` msi`y`Y Kul.(Conservation Agriculture) Gi gva`tg mgm`vc`Y`g`m`U I Rj evqycvi eZ`  
 RibZ S`uk tgvKuej`v|
- AÎ uef`v`Mj Aaxtb guEKv cui`tek msi`y`Y bigK bZb kvLv`n`vcb|

**2015-16 A`erm`ti i m`e` AR` mgr**

- `uj` dmtj i Rb` mvi mšzvi k
- GKul km` web`v`tm i Dci mvi mšzvi k
- GKul dmtj i c`mbi Pmn`v ubifcb
- 3460 uU g`m`U, 350 uU mvi, 1950 uU Dv`m`c I 60 uU c`mbi bgbv`ue`k`Y
- 400 t`K`R AYRxe mvi, 900 t`K`R t`K`Pv mvi I 550 t`K`R K`p`úvó mvi Drcv`b
- uef`v`b`km` Aelk`óvsk t`K` biochar Drcv`b Ges g`m`U`Z Zv e`envti i gva`tg Agz`v`ixKiY I  
 Dv`m`c Lv`v`vc`v`bi mnRj`f`Zv evx.KiY
- jeYv<sup>3</sup>, Agiq, Liv c`eb I c`v`v`ox g`m`U e`e`n`v`cbv
- guEKvi `Re c`v`e`v`K`iY I`bv`b Dbq`b|

## DcμgWYKv (Preamble)

miKvix `Bi/ms`nvmg#ni cvZômbK `ÿZv ewx, m'QZv I Review`in tRvi`vi Kiv, mlymb  
msnZKiY Ges m#ú#`i h\_vh\_ e`envi ubwÖZKi#Yi gva'tg ifcKí 2021 Gi h\_vh\_ evmévq#bi j#ÿ`-

evsj v#`k KwL.M#eIYv Bbw÷uJD#Ui gw#EKv weÁvb wefVM Gi gly` eÁvbK KgRZ#I wefVMxq c#vb

Ges

evsj v#`k KwL.M#eIYv Bbw÷uJD#Ui gnvciPvj K Gi g#a` 2016 m#j i Rly gvtmi 30 Zwi#L GB ewl#  
Kg#úv`b mg#SvZv m#i K m#ÿwi Z nj |

GB mg#SvZv m#i#K m#ÿiKvix Dfqcÿ ubg#ij uLZ weIqmg#n mg#Z ntj bt

# ᐃᓄᓂᓂ 1

ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ (Vision), ᓂᓂᓂᓂ (Mission), ᐃᓂᓂᓂᓂ ᓂᓂᓂᓂᓂ Ges  
ᓂᓂᓂᓂ

## 1.1 ᓂᓂᓂᓂ (Vision) ᓂ

ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ

## 1.2 ᓂᓂᓂᓂ (Mission) ᓂ

ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ

## 1.3 ᐃᓂᓂᓂᓂ ᓂᓂᓂᓂ (Strategic Objectives) :

### 1.3.1 ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᐃᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ

- 1| ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ
- 2| ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ
- 3| ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ
- 4| ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ
- 5| ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ
- 6| ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ

### 1.3.2 ᓂᓂᓂᓂ ᐃᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ

1. ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ
2. ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ
3. ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ
4. ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ
5. ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ

## 1.4 ᓂᓂᓂᓂᓂ (Functions)

- 1| ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ
- 2| ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ
- 3| ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ
- 4| ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ
- 5| ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ
- 6| ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ
- 7| ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ ᓂᓂᓂᓂ

## ᄃᄃᄃᄃ 2

### gšŷŷj q/ŷefŷᄃMi ŷefŷbèKŷhŷᄃᄃgi Pèŷšᄃj ᄃᄃj /cŷŷe (Outcome/Impact)

Pŷŷšᄃj ᄃᄃj /cŷŷe (Outcome/Impact)	Pŷŷšᄃj ᄃᄃj i mPKmᄃᄃ (Performance Indicators)	GKK (Unit)	ŷefŷÈQi 2013-14	cKZ. 2015-16	j ŷŷᄃᄃ	cŷŷŷ (Projection)		ŷbafŷi Z j ŷŷᄃᄃ ARᄃbi tŷŷŷ thš ŷŷŷe ᄃᄃZcŷŷ gšŷŷj q/ŷefŷM/ ms ᄃᄃmᄃᄃni bŷᄃ	DcŷÈmŷ [source(s) of data]
						2016--17	2017-18		
cŷŷŷ Dᄃᄃᄃ	cŷŷŷ	msLᄃ	8	11	10	12	13	gŷŷÈKŷ ŷefŷᄃᄃ ŷefŷM, mŷŷi Rŷᄃᄃ Mŷel Yŷ ŷefŷM, Avŷŷj K Kŷl. Mŷel Yŷ tKᄃ ᄃᄃmᄃᄃ, Kŷl. Mŷel Yŷ DcŷŷKᄃ ᄃᄃmᄃᄃ	gŷŷÈKŷ ŷefŷᄃᄃ ŷefŷᄃᄃ Mŷel Yŷ cŷŷŷeᄃ
bgbŷ ŷefŷKŷ Y	gŷŷŷi bgbŷ	msLᄃ	3300	3460	3400	3500	3600	gŷŷÈKŷ ŷefŷᄃᄃ ŷefŷM, mŷŷi Rŷᄃᄃ Mŷel Yŷ ŷefŷM, eŷŷŷŷᄃ K Kŷl. Mŷel Yŷ KŷDŷŷj, Kŷl. mᄃŷŷŷi Y Awᄃ Bi	gŷŷÈKŷ ŷefŷᄃᄃ ŷefŷᄃᄃ Mŷel Yŷ cŷŷŷeᄃ
	cŷŷŷi bgbŷ	msLᄃ	50	60	55	65	70		
	Dŷŷŷ bgbŷ	msLᄃ	1800	1950	1900	2000	2100		
	mŷŷi i bgbŷ	msLᄃ	320	350	340	360	380		
bZb mŷŷi i gŷŷŷᄃᄃ	bZb mŷŷi	msLᄃ	2	3	3	4	4	gŷŷÈKŷ ŷefŷᄃᄃ ŷefŷM, mŷŷi Rŷᄃᄃ Mŷel Yŷ ŷefŷM, Avŷŷj K Kŷl. Mŷel Yŷ tKᄃ ᄃᄃmᄃᄃ, eŷŷŷŷᄃ K Kŷl. Mŷel Yŷ KŷDŷŷj	gŷŷÈKŷ ŷefŷᄃᄃ ŷefŷᄃᄃ Mŷel Yŷ cŷŷŷeᄃ
Abŷŷe mŷŷi Drcŷᄃᄃ	Abŷŷe mŷŷi	tKŷR	300	400	350	450	500	gŷŷÈKŷ ŷefŷᄃᄃ ŷefŷM, Avŷŷj K Kŷl. Mŷel Yŷ tKᄃ ᄃᄃmᄃᄃ, Kŷl. Mŷel Yŷ DcŷŷKᄃ ᄃᄃmᄃᄃ	gŷŷÈKŷ ŷefŷᄃᄃ ŷefŷᄃᄃ Mŷel Yŷ cŷŷŷeᄃ
tKŷŷŷ mŷŷi Drcŷᄃᄃ	tKŷŷŷ mŷŷi	tKŷR	800	900	850	950	1000		
Kŷŷŷŷᄃ mŷŷi Drcŷᄃᄃ	Kŷŷŷŷᄃ mŷŷi	tKŷR	400	550	500	600	650		

### ፎክቤ 3

#### ፎክቤ ማረጋገጫ ስልጠና፣ ልማት፣ አካላዊ፣ ክፍፍል፣ ማረጋገጫ ስልጠና ለግብርና

ፎክቤ ማረጋገጫ ስልጠና (Strategic Objectives)	ፎክቤ ማረጋገጫ ስልጠና ስኬት ስልጠና (Weight of Strategic Objectives)	አካላዊ (Activities)	ማረጋገጫ ስልጠና ስልጠና (Performance Indicators)	GKK (Unit)	ማረጋገጫ ስልጠና ስልጠና ስልጠና (Weight of Performance Indicators)	ግብርና (Base Year) 2013-14	ግብርና 2014-15	ግብርና ስልጠና ስልጠና 2015-16					ግብርና (Projection) 2016-17	ግብርና (Projection) 2017-18
								ግብርና	ግብርና	ግብርና	ግብርና	ግብርና		
								100%	90%	80%	70%	60%		
ግብርና ስልጠና ስልጠና ስልጠና	15	ግብርና ስልጠና ስልጠና ስልጠና	ግብርና ስልጠና	ግብርና	15	6	7	10	9	8	7	6	10	12
ግብርና ስልጠና ስልጠና ስልጠና	20	GKK ስልጠና ስልጠና ስልጠና	ግብርና ስልጠና	ግብርና	10	7	8	10	9	8	7	6	10	11
		ግብርና ስልጠና ስልጠና ስልጠና	ግብርና ስልጠና	ግብርና	5	4	5	6	5	4	3	2	6	7
		ግብርና ስልጠና ስልጠና ስልጠና	ግብርና ስልጠና	ግብርና	5	2	3	5	4	3	2	1	5	5
ግብርና ስልጠና ስልጠና ስልጠና	15	ግብርና ስልጠና ስልጠና ስልጠና	ግብርና ስልጠና	ግብርና	6	3300	3460	3500	3150	2800	2450	2100	3500	3600
		ግብርና ስልጠና ስልጠና ስልጠና	ግብርና ስልጠና	ግብርና	2	50	60	65	59	52	46	39	65	70
		ግብርና ስልጠና ስልጠና ስልጠና	ግብርና ስልጠና	ግብርና	4	1800	1900	2000	1800	1600	1400	1200	2000	2100
		ግብርና ስልጠና ስልጠና ስልጠና	ግብርና ስልጠና	ግብርና	3	320	350	360	324	288	252	216	360	380



<i>Dbejb</i>														
<i>i v m v q u b K</i> <i>m v t i i D c i</i> <i>u b F P k x j Z v</i> <i>K g v t b v I</i> <i>c w i t e k e v U e</i> <i>m v t i i e e n v i</i> <i>e v x .</i>	10	<i>t K t P v m v i ,</i> <i>K t a u v o m v i , I</i> <i>A b R x e m v i</i> <i>D r c i ` b e v x I</i> <i>e e n v i</i>	<i>t K t P v m v i</i> <i>K t a u v o m v i</i> <i>A b R x e m v i</i>	<i>t K u R</i> <i>t K u R</i> <i>t K u R</i>	4 2 4	800 400 300	900 550 400	950 600 450	855 540 405	760 480 360	665 420 315	570 360 270	950 600 450	1000 650 500
<i>g m U i R i e K</i> <i>, b v e j x D b Z</i> <i>K i v</i>	15	<i>g m U i R i e K</i> <i>, b v e j x D b Z</i> <i>K i v i c i x y v</i> <i>P j v t b v</i>	<i>g v c i x y v</i> <i>c U c i x y v</i> <i>j v e c i x y v</i>	<i>m s L v</i>	15	6	8	10	9	8	7	6	10	12
<i>b Z b m v t i i</i> <i>g j v q b</i>	5	<i>w e t ` k t t K</i> <i>A v g ` v b x K Z .</i> <i>b Z b m v i I</i> <i>t t k c f Z K Z</i> <i>m v t i i</i> <i>D c t h w M x Z v</i> <i>c i x y v K i v</i>	<i>g v c i x y v</i>	<i>m s L v</i>	5	2	3	5	4	3	2	1	5	5
<i>m g m v c Y e e n v c b v</i>	5	<i>j e b v 3 I L i v</i> <i>c e b G j v K v q</i> <i>g v v c i x y v</i> <i>` n v c b I</i> <i>j v e U i t Z</i> <i>g j v q b</i>	<i>g v c i x y v</i>	<i>m s L v</i>	5	0	1	1	1	1	0	0	2	3

**Bi/ms-nvi Avenk K tKSkj MZ Dti k'mgn**

Kj vg-1	Kj vg-2	Kj vg-3	Kj vg-4		Kj vg-5	Kj vg-6				
tKSkj MZ Dti k' (Strategic Objectives)	tKSkj MZ Dti k'i gvb (Weight of Strategic Objective)	Kvhpig (Activities)	Kgmuv`b mPK (Performance Indicator)	GKK (Unit)	Kgmuv`b mPki gvb (Weight of PI)	j y' gvi vi gvb -2015-16 (Target Value-2015-16)				
						Amvavi Y (Excellent)	AnZ DEg (Very Good)	DEg (Good)	Pj uZ gvb (Fair)	Pj uZ gvtbi ubtg# (Poor)
						100%	90%	80%	70%	60%
`yZvi m1/2 eml R Kgmuv`b Pr3 emlvqb	4	2016-17 A_eQtii Lmov eml R Kgmuv`b Pr3 `vLj	mbafni Z mgqmigvi gta` Pr3 gnvicwi Pij K, weGAvi AvB Kvhpig tq `vLj KZ	Zwi L	2	19 tg	22 tg	24 tg	25 tg	26 tg
		2016-17 A_eQtii eml R Kgmuv`b Pr3 ev`lvqb cwi exyY	`TgwmK c0Zte`b `vLj KZ.	msL`v	1	4	3	2	-	-
		2016-17 A_eQtii eml R Kgmuv`b Pr3 i gj`vqb c0Zte`b `vLj	mbafni Z Zwi tL Aaeml R gj`vqb c0Zte`b `vLj KZ.	Zwi L	1	22 Rvbsgwi	23 Rvbsgwi	24 Rvbsgwi	25 Rvbsgwi	26 Rvbsgwi
`yZv I `bvZKZvi Dbeqb	3	miKwi Kgmuv`b e`e`vcbv mspuvsi cikyYmn wevfbae weitq KGRZ/KgPvix`i Rb cikyY AvtqvrB	cikyYi mgq*	RbNbUv	1	60	55	50	45	40
		RvZxq i xvPri tKSkj emlvqb	2016-17 A_eQtii i xvPri ev`lvqb Kgevi Ki bv Ges ev`lvqb cwi exyY Kvvtqv c0vZ I `vLj KZ	Zwi L	1	15 RjvB	31 RjvB	-	-	-
			mbafni Z mgqmigvi gta` TgwmK cwi exyY c0Zte`b `vLj KZ.	msL`v	1	4	3	2	-	-
Z_` AnaKvi I mC0Yw Z Z_` cKvk emlvqb	2	Z_` evZvqb nvj bMv` KiY	Z_` evZvqb nvj bMv` KZ	%	1	c0Zgvtmi 1g mBvn	c0Zgvtmi 2q mBvn	c0Zgvtmi 3q mBvn	-	-
		eml R c0Zte`b c0vqb I cKvk	eml R c0Zte`b I tqemvBtU cKvkKZ	Zwi L	1	15 At±vei	29 At±vei	15 btfgi	30 btfgi	15 Wtmgi

KvhēxwZ I tmevi gvtbvēqb cēZKvīi gva'g tmevi gvtbvēqb	3	B-dvBij s c×wZ cēZē	ve fIM/kvLvq B-dvBij s c×wZ cēwZē	Zwi L	1	28 tdeāqwi	30 gvP <sup>©</sup>	30 GwCj	31 tg	29 Rly
		wcAviGj iiaī cte'nsikō KgPvix K AewZKiY	wcAviGj iiaī cte'nsikō KgPvix AewZKZ	mgq	1	3 gim cte	2 gim cte	1 gim cte	-	-
		tmev cēLūv D <sup>™</sup> eb Kvhērg eivēvqb	ve fIM/kvLvi Kgcty'IKwU Abj vBb tmev Pvj KZ.	Zwi L	1	31 Rvbsvwi	28 tdeāqwi	31 gvP <sup>©</sup>	-	-
Kg <sup>©</sup> cwi tek Dēqb	2	Awcm feb I Awwzbr cwi "Ob i vLv	wbafwi Z mgtqi gta' Awcm feb I Awwzbr cwi "Obēi vLv	Zwi L	2	30 btfgi	31 wwtmgi	31 Rvbsvwi	-	-
Avf_K e'e'nicbv Dēqb	1	AwWU Avciē w <sup>©</sup> ūiē Kvhērtgi Dēqb	eQti AwWU Avciē w <sup>©</sup> ūiēKZ	%	1	50	45	40	35	30

\*60 NĒv cēky'Yi gta' Ab' b 20 NĒv mi Kvix Kg<sup>©</sup>ūv' b e'e'nicbv msvvš cēky'Y AšP<sup>3</sup> \_vKte|


আমি, মুখ্য বৈজ্ঞানিক কর্মকর্তা, মৃত্তিকা বিজ্ঞান বিভাগ, পরিচালক, গবেষণা উইং, বাংলাদেশ কৃষি গবেষণা ইনস্টিটিউট এর নিকট অস্বীকার করছি যে, এই চুক্তিতে বর্ণিত ফলাফল অর্জনে সচেষ্ট থাকব।

আমি, পরিচালক, গবেষণা উইং, বাংলাদেশ কৃষি গবেষণা ইনস্টিটিউট, মুখ্য বৈজ্ঞানিক কর্মকর্তা, মৃত্তিকা বিজ্ঞান বিভাগ এর নিকট অস্বীকার করছি যে, এই চুক্তিতে বর্ণিত ফলাফল অর্জনে প্রয়োজনীয় সহযোগিতা প্রদান করব।

স্বাক্ষরিত:



মুখ্য বৈজ্ঞানিক কর্মকর্তা  
মৃত্তিকা বিজ্ঞান বিভাগ



পরিচালক  
গবেষণা উইং  
বাংলাদেশ কৃষি গবেষণা ইনস্টিটিউট

30/6/16

তারিখ

30/05/2016

তারিখ

kāmstýc (Acronyms)

weGAvi AvB	<p>evsj vř`k Kwl. Mřel Yv Bbww- wUDU</p> <p>(Bangladesh Agricultural Research Institute)</p>
weGAvi im	<p>evsj vř`k Kwl. Mřel Yv KvDwYj</p> <p>(Bangladesh Agricultural Research Council)</p>
wWGB	<p>Kwl. mřúřvi Y Awa`Bi</p> <p>(Department of Agricultural Extension)</p>

**ms̄hvRbx-2:** Kg<sup>©</sup>úv`b mPKmgn, eimévbKvi x wefM Ges cwi gvc c×wZ Gi weeiY

μigK bs	Kihp̄g	Kg <sup>©</sup> úv`b mPKmgn	weeiY	eimévbKvi x wefM/ dmj tK>ʔAvÁw̄j K Kwl.M̄tel Yv tK>ʔ Dc̄tK>ʔ Ab`vb` ms`nv	cwi gvc c×wZ Ges DcvEm̄f	mvari Y gšé`
1	gwlU t̄fšZ ˘bvejx DbēZ Kivi j̄t̄y` j`vētiUix I gvtV cix̄yY Pvj v̄t̄bv	gvV cix̄yV	wērfbēdm̄t̄j i Dci wērfbēKwl. cwī tek AĀt̄j gvV cix̄yV	guĒKv weÁvb wefM, m̄ti Rwḡb M̄tel Yv wēfM, AvÁw̄j K Kwl. M̄tel Yv tK>ʔ <sup>a</sup> mgn, Kwl.M̄tel Yv Dc̄tK>ʔ <sup>a</sup> mgn	guĒKv weÁvb wēfv̄t̄Mi ewl̄ R̄ M̄tel Yv cāZte`b	
2.1	GKK dmj w̄fūĒK m̄t̄ii Pw̄n`v wb̄ifcb	gvV cix̄yV				
2.2	wZb dmj w̄fūĒK km` wēb`v̄t̄mi m̄t̄ii Pw̄n`v wb̄ifcb	gvV cix̄yV				
2.3	Pri dmj w̄fūĒK km` wēb`v̄t̄mi m̄t̄ii Pw̄n`v wb̄ifcb	gvV cix̄yV				
3.1	gwlU wētk̄d̄Y	gwlU bḡlv	wērfbēGj vKvi wērfbēdm̄t̄j i gwlU	guĒKv weÁvb wefM, m̄ti Rwḡb M̄tel Yv	guĒKv weÁvb wēfv̄t̄Mi ewl̄ R̄ M̄tel Yv cāZte`b	
3.2	cw̄b wētk̄d̄Y	cw̄bi bḡlv	wērfbēM̄f̄xi I AM̄f̄xi Dr̄t̄mi cw̄b	wēfM, evsj v̄t̄`k Kwl. M̄tel Yv Kiv̄Dw̄Yj , Kwl.		
3.3	Dw̄m̄c̄ wētk̄d̄Y	Dw̄m̄t̄`i bḡlv	wērfbēGj vKvi wērfbēdm̄t̄j i wērfbē Ask	m̄v̄t̄m̄vi Y Aw̄a`Bi		
3.4	mvi wētk̄d̄Y	m̄t̄ii bḡlv	wērfbē`Re I A%Re Dr̄m n̄t̄Z cāB mvi			
4	t̄Kt̄Pv mvi, K̄t̄úvó mvi, I Ab̄R̄xe mvi Dr̄c̄r`b ew̄x I e`en̄vi	t̄Kt̄Pv mvi K̄t̄úvó mvi  Ab̄R̄xe mvi	t̄Kt̄Pv ōv̄iv Dr̄cw`Z mvi wērfbē`Re AveR̄bv c̄w̄t̄q̄ K̄t̄úvó÷ mvi Rhizobial t̄óBb w̄ t̄q`Zix Ab̄R̄xe mvi	guĒKv weÁvb wefM, AvÁw̄j K Kwl.M̄tel Yv tK>ʔ <sup>a</sup> mgn, Kwl. M̄tel Yv Dc̄tK>ʔ <sup>a</sup> mgn	guĒKv weÁvb wēfv̄t̄Mi ewl̄ R̄ M̄tel Yv cāZte`b	
5.	gwlU `R̄weK ˘bvejx DbēZ Kivi cix̄yY Pvj v̄t̄bv	gvV cix̄yV Ute cix̄yV j`ve cix̄yV	wērfbēdm̄t̄j i Dci gvV cix̄yV wērfbēdm̄t̄j i Dci Ute cix̄yV wērfbēAb̄R̄x̄tei Dci j`ve cix̄yV	guĒKv weÁvb wefM, m̄ti Rwḡb M̄tel Yv wēfM, AvÁw̄j K Kwl.	guĒKv weÁvb wēfv̄t̄Mi ewl̄ R̄ M̄tel Yv cāZte`b	

				Mtel Yv tK>` <sup>a</sup> mgn, Kwl.Mtel Yv Dc#K>` <sup>a</sup> mgn		
6.	ne#`k t_#K Avg`vbxKZ. bZb mvi I t`#k c#ZKZ. m#i i Dc#hMxZv cixyv Kiv	msL`v	t`kx-ne#`kx newfbèDrm n#Z c#B bZb mvi	gu#Kv weAvb wefvM, m#i R#gb Mtel Yv wefvM, evsj v#`k Kwl. Mtel Yv KivDwYj, Kwl. m#u#hvi Y Awa`Bi	gu#Kv weAvb wefv#Mi ewil # Mtel Yv c#Z#e`b	
7.	mgm`vc#gu#J e`e`nvcbv	msL`v	j ebn <sup>3</sup> I Liv c#b Gj vKvq gvVv cixyv`nvcb I j`veUi.#Z gj`vqb	gu#Kv weAvb wefvM, m#i R#gb Mtel Yv wefvM	gu#Kv weAvb wefv#Mi ewil # Mtel Yv c#Z#e`b	





