



**মন্ত্রিসভার কার্যক্রম**

**গ্যাসের সরবরাহ, বিদ্যুৎ সরবরাহ**

**সংক্রান্ত**

**স্মারক (১৫/১৬), বিদ্যুৎ সরবরাহ, বিদ্যুৎ সরবরাহ, বিদ্যুৎ সরবরাহ**

**স্মারক (১৫/১৬) - ১**

**১৫/১৬, ২০১৬ - ১৫/১৬, ২০১৭**

**স্মারক**

	<b>côv bs</b>
<b>Kgñáúv` tbi mweR wPÎ</b>	<b>1</b>
<b>DcμgñwKv</b>	<b>3</b>
<b>tmKkb 1:</b> iæKÍ (Vision), Awfj ý" (Mission), tKŠkj MZ D†Í k"mgñ Ges Kvhøj x	<b>4</b>
<b>tmKkb 2:</b> tKŠkj MZ D†Í k", AMñakvi , Kvhøjg, Kgñáúv` b mPK Ges j ý"gvÎ vmgñ	<b>5</b>
<b>msthvRbx 1:</b> kãms†ýc (Acronyms)	<b>8</b>
<b>msthvRbx 2:</b> Kgñáúv` b mPKmgñ, ev`évbKvi x Ges cwi gvc c×wZ	<b>9</b>
<b>msthvRbx 3:</b> Kgñáúv` b j ý"gvÎ v ARñbi t††Î Ab" `Bi/ms`vi Dci wbfPkiy Zv	<b>11</b>

**Rxe chhy<sup>3</sup> wefM, weGAviAvB, Rqt`ecj, MvRicyGi Kgm<sup>3</sup>uv` tbi mweR wP<sup>1</sup>**  
(Overview of the Performance of Biotechnology Division, Bangladesh Agricultural  
Research Institute, Joydebpur, Gazipur)

**m<sup>3</sup>uv<sup>3</sup>ZK AR<sup>3</sup>, P`vtj A Ges fvel`r cwiKibv**  
**m<sup>3</sup>uv<sup>3</sup>ZK eQimg<sup>3</sup>ni (3 eQi) c<sup>3</sup>vb AR<sup>3</sup>mgn**

AvaybK Rxe chhy<sup>3</sup> c<sup>3</sup>q<sup>3</sup>mi gva`tg t`tki Lv` I cyoi wbi vEv weavtbi j`ty` Rxe chhy<sup>3</sup> wefM, weGAviAvB c<sup>3</sup>Zovj Met`\_tkB wefbaMtel Yv Kvh<sup>3</sup>g cwi Pvj bv Kti Avm<sup>3</sup>Q| Gme Mtel bvi gva`tg BtZvgta`B cwi tek evUe I tUKmB Dbz chhy<sup>3</sup> i D<sup>3</sup>teb, wefbaedmtj i UY<sup>3</sup>tRwbK Riv I Um<sup>3</sup>y Kij Pvi c<sup>3</sup>UvKj D<sup>3</sup>teb m<sup>3</sup>e n<sup>3</sup>qt<sup>3</sup>Q| weMZ wZb eQi te`\_tbi 4w UY<sup>3</sup>tRwbK Riv D<sup>3</sup>teb, Um<sup>3</sup>y Kij Pvi c<sup>3</sup>wZ<sup>3</sup> Drcw`Z Kivi Pviv `Zix I gvW ch<sup>3</sup>q Gi Awf<sup>3</sup>thvRb gj`vqb tktl chhy<sup>3</sup> w n`l<sup>3</sup>st<sup>3</sup>i i Rb` KIK ch<sup>3</sup>q gvW w`em I c<sup>3</sup>ky<sup>3</sup>bi AvtqvRb Kiv n<sup>3</sup>qt<sup>3</sup>Q| GQovl Um<sup>3</sup>y Kij P<sup>3</sup>ti i gva`tg Drcw`Z K<sup>3</sup>vij, Avbim, gv<sup>3</sup>ev, ÷`teix I AwK<sup>3</sup>Mi Pviv Drcv`b, gvW ch<sup>3</sup>q Awf<sup>3</sup>thvRb I gj`vqb cixyv Ges embwR`K wfi<sup>3</sup>E<sup>3</sup>Z P<sup>3</sup>lvet` i Rb` Mtel YvM<sup>3</sup>ti Pviv `Zix Kti KIK<sup>3</sup> i gv<sup>3</sup>S weZiY Kiv n<sup>3</sup>qt<sup>3</sup>Q|

Rxe chhy<sup>3</sup> wefM weMZ wZb eQi Avj j`Late Blight Resistant (LBR) Riv D<sup>3</sup>te<sup>3</sup>bi j`ty` Contained and Confined field trial, multiplication trial m<sup>3</sup>ub<sup>3</sup>ek<sup>3</sup>ti Riv wnt<sup>3</sup>te Aeg<sup>3</sup> i c<sup>3</sup>uq<sup>3</sup>q Av<sup>3</sup>Q| Um<sup>3</sup>y Kij P<sup>3</sup>ti i gva`tg wefbaedmtj i Drcw`Z Pviv I UY<sup>3</sup>tRwbK te`\_tbi Pviv I exR weZib Kiv Ges exR chhy<sup>3</sup> w<sup>3</sup>el<sup>3</sup>q `y Rbej `Zixi j`ty` 5w c<sup>3</sup>ky<sup>3</sup> Kgm<sup>3</sup>Pxi gva`tg tgvU 50 Rb weAvbx, m<sup>3</sup>uv<sup>3</sup>viYK<sup>3</sup>g<sup>3</sup>, GbwRI c<sup>3</sup>Zwba I KIK<sup>3</sup> i c<sup>3</sup>ky<sup>3</sup> c<sup>3</sup>vb Kiv n<sup>3</sup>qt<sup>3</sup>Q| D<sup>3</sup>teZ chhy<sup>3</sup> n`l<sup>3</sup>st<sup>3</sup>i i j`ty` 35w c<sup>3</sup>kb<sup>3</sup> c<sup>3</sup>l`vcb Kiv n<sup>3</sup>qt<sup>3</sup>Q| GQovl I Rxe chhy<sup>3</sup> wefM Ab`vb` wefM I c<sup>3</sup>Zovb thgb BRRI, BINA, Cotton Development Board, Mahyco Seed Co. India and Cornell University, USA Gi m<sup>3</sup>u<sup>3</sup>\_th<sup>3</sup>\_fite Mtel bv Kvh<sup>3</sup>g cwi Pvj bv Kti Avm<sup>3</sup>Q|

**m<sup>3</sup>gv I P`vtj A mgn:**

Rxe chhy<sup>3</sup> w<sup>3</sup>el<sup>3</sup>q Mtel Yv Kvh<sup>3</sup>g cwi Pvj bv Kivi Rb` weAvbx` i c<sup>3</sup>ky<sup>3</sup> I Mtel Yv Lv<sup>3</sup>Z ch<sup>3</sup> eiv<sup>3</sup> ms`vb, wbi we<sup>3</sup>Q<sup>3</sup>be`y<sup>3</sup> ZK mieivn, AvaybK j`ve I M<sup>3</sup>bnvD<sup>3</sup>mi iy<sup>3</sup>bvteyb BZ`w` ty<sup>3</sup>t<sup>3</sup>l P`vtj t<sup>3</sup>ai m<sup>3</sup>u<sup>3</sup> b n<sup>3</sup>Q|

**fvel`r cwiKibv:**

G wef<sup>3</sup>mi mKj Kvh<sup>3</sup>g mdj fite ev`lvq<sup>3</sup>bi Rb` AvaybK j`ve I M<sup>3</sup>bnvD<sup>3</sup>mi m<sup>3</sup>wK iy<sup>3</sup>bvteyb, wbi we<sup>3</sup>Q<sup>3</sup>be`y<sup>3</sup> mieivn w<sup>3</sup>o<sup>3</sup>ZKib, Mtel Yv Lv<sup>3</sup>Z ch<sup>3</sup> eiv<sup>3</sup> c<sup>3</sup>vb I c<sup>3</sup>ky<sup>3</sup> weAvbx `Zix

Acwi nvh<sup>9</sup> fwe l`r Mtel Yv Kvh<sup>9</sup>gi Avl Ziq i tq<sup>9</sup>Q, embwR`K Pvl ve t`i Rb` weifbædm tji wUmy  
Kij Pri Pri v Drcv` tbi c<sup>9</sup>UvKj D<sup>9</sup>teb I gvV ch<sup>9</sup>q Gme Pri vi Awf<sup>9</sup>thvRb cix<sup>9</sup>v, c<sup>9</sup>ZKj<sup>9</sup> cwi tek  
m<sup>9</sup>n<sup>9</sup>òy<sup>9</sup>R<sup>9</sup>tbiUK`w<sup>9</sup> gwWdvBW dmtji RvZ D<sup>9</sup>teb, fiBivm c<sup>9</sup>Z<sup>9</sup>tivax weifbædm tji RvZ D<sup>9</sup>te tbi  
j t<sup>9</sup>y` Rxb c<sup>9</sup>K<sup>9</sup>skj ch<sup>9</sup>q<sup>9</sup> c<sup>9</sup>q<sup>9</sup>M | D<sup>9</sup>teZ weifbæc<sup>9</sup>h<sup>9</sup>q<sup>9</sup> I RvZ n`i<sup>9</sup>š<sup>9</sup>t<sup>9</sup>i Rb` weifbætm<sup>9</sup>gbvi,  
KgR<sup>9</sup>vj v, gvV w em I c<sup>9</sup>k<sup>9</sup>y<sup>9</sup>t<sup>9</sup>Yi e`e`v Kiv |

**2016-17 A\_@Q<sup>9</sup>t<sup>9</sup>i m<sup>9</sup>æ` c<sup>9</sup>vb AR<sup>9</sup>mg<sup>9</sup>n:**

- 1 | U<sup>9</sup>Y<sup>9</sup>t<sup>9</sup>R<sup>9</sup>ibK te<sup>9</sup> tbi 3wU RvZ Aeg<sup>9</sup>Kib |
- 2 | LBR Avj j<sup>9</sup> 1wU RvZ Aeg<sup>9</sup>Kib |
- 3 | Rxe ch<sup>9</sup>q<sup>9</sup> we l tq 90 Rb c<sup>9</sup>k<sup>9</sup>y<sup>9</sup>bv<sup>9</sup> x<sup>9</sup>K c<sup>9</sup>k<sup>9</sup>y<sup>9</sup>b c<sup>9</sup>vb |
- 4 | 1wU tm<sup>9</sup>gbvi / I qvKR<sup>9</sup>t<sup>9</sup>ci gva`tg 75 Rb<sup>9</sup>t<sup>9</sup>K D<sup>9</sup>teZ ch<sup>9</sup>q<sup>9</sup> m<sup>9</sup>ú<sup>9</sup>t<sup>9</sup>K<sup>9</sup>AeinZKi Y |
- 5 | wUmyKvj Pri c<sup>9</sup>x<sup>9</sup>w<sup>9</sup>Z<sup>9</sup>t<sup>9</sup>Z A\_@w<sup>9</sup>ZKf<sup>9</sup>te<sup>9</sup> , iæ<sup>9</sup>;<sup>9</sup>m<sup>9</sup>ú<sup>9</sup>bæD<sup>9</sup>w<sup>9</sup>thgb, ÷<sup>9</sup>t<sup>9</sup>ex I M<sup>9</sup>w<sup>9</sup>l<sup>9</sup>j<sup>9</sup>v<sup>9</sup>mi Pri v`Zix  
K<sup>9</sup>t<sup>9</sup>i gvV ch<sup>9</sup>q<sup>9</sup> `v<sup>9</sup>bv<sup>9</sup>š<sup>9</sup>l<sup>9</sup> |
- 6 | weU te<sup>9</sup> tbi 1000 t<sup>9</sup>K<sup>9</sup>w<sup>9</sup>R weW<sup>9</sup>vi I gv<sup>9</sup>b<sup>9</sup>t<sup>9</sup>N<sup>9</sup>w<sup>9</sup>l<sup>9</sup>Z exR Ges 1000 Pri v Drcv`b |

## DcμgWV (Preamble)

mi Kwi `Bi/ms`img#ni c0vZ0vbK `yZv epx, `0Zv I Review`in tRvi `vi Kiv, mKvmb  
msnZKiY Ges m#ú`i h\_vq\_ e`envi vbwDZKi#Yi gva`tg i/cKí 2021 Gi h\_vh\_ ev`evq#bi  
j#y`-

g#` eÁvbK KgRZP, R#ech#` wFvM

Ges

cwi P#j K (M#eIYv) Gi g#a` 2016 m#j i R#y g#tmi 30 Zvii #L GB eml R Kg#úv` b P#

`#ywi Z nj |

GB P# #Z `#yi Kvi x Dfqc#` vbgnj uLZ w#l qmg#n m#Z n#j b:

# ᄃᄃᄃᄃ 1:

## **iæKí (Vision), Anfj ý" (Mission), ᄃKŠkj MZ Dđĭk"mgn- Ges Kihøjx**

### **1.1 iæKí (Vision) :**

Kul. Riv dmtj Rxe chny³ i gva"tg t`tki Liv` I cny³ ubi vcÈv ubi ÒZKi Y|

### **1.2. Anfj ý" (Mission) :**

D"P dj bkxj , ýiv, Rj ve×Zv, j ebr³Zv, D"P Zicgvĭv minòyti M I tcvKvuvKo cĭZđi vax vewfbæ dmtj i Riv I AvaybK Drcv`b chny³ D"mteb, gvV chĭq Gme chny³ i AnfthvRb Ges Kl.Kđ` i gvđS D"mteZ chny³ n`Íšĭ Kiv| GQvovI vewfbæ dmtj i UđYđRvbK Riv D"mteb Kiv|

### **1.3 ᄃKŠkj MZ Dđĭk"mgn- (Strategic Objectives):**

#### **1.3.1. Rxe chny³ vefM, vEGAvi AvB Gi ᄃKŠkj MZ Dđĭk"mgn-**

- 1| dmtj i Riv D"mteb I cwi ewZŠ Avenvl qvi DcđhvMx dmtj Dbqđb Rxe chny³ i e`envi |
- 2| Rxe chny³ i gva"tg Drcv`b Z vewfbæ dmtj i Priv Kl.Kđ` i gvđS vEZib I RbvčĭKib|
- 3| Av\_ qmvgvRK Dbqđb cwi tek evÙe tUKmB Rxe chny³ D"mteb|

#### **1.3.2. Avenk`K ᄃKŠkj MZ Dđĭk"mgn-**

- 1| `ýZvi mvt\_ envl R Kgĭúv`b Pv³ ev`évqb|
- 2| `ýZv I `bvZKZvi Dbqđb|
- 3| Z\_` Avakvi I `čĭbvĭ Z Z\_` cĭKv ev`évqb|
- 4| Kgĭúv I tmevi gvđbvqb|
- 5| Kgĭvi tek Dbqđb|
- 6| Av\_ R e`e`ĭcbvi Dbqđb|

### **1.4. Rxe chny³ vefM, vEGAvi AvB Gi Kihøjx (Functions):**

- 1| Rxe chny³ i gva"tg Kul.đýđĭ vewfbæ dmtj i Riv Dbqđb Ges cwi tek evÙe I tUKmB Dbž chny³ D"mteb I Drcv`b evx`i j đý" MđelYv Kihøjg cwi Pij bv Kiv|
- 2| Rxe chny³ veltq cĭkýđYi gva"tg `ý Rbej `Zix I KvĭRi KgĭPx MđY|
- 3| evđqvđmđU MvBW I bvZgvj v cĭqđb mrvqZv cĭvb|
- 4| AvšRvĭZK I t`kxq cĭZôvđbi mvt\_ Rxe chny³ veltq thvMmý `vcb ceR mgvšZ MđelYv Kihøjg MđY|
- 5| j ebr³Zv, Rj ve×Zv I Liv cĭb GjvKvi DcđhvMx dmtj i Riv I chny³ D"mteb|

**ԻմKkb-2**  
**ԻKՏԿյ MZ D՛ի Կ՛, AMԻԿVi, Kիթըց, Kցմփսւն՝ b mPK Ges j ՛յ՛ցվ՛ ւցմց՛**

ԻKՏԿյ MZ D՛ի Կ՛	ԻKՏԿյ MZ D՛ի Կ՛ի ցւ	Kիթըց	Kցմփսւն՝ b mPK	GKK	Kցմփսւն՝ b mPKի ցւ	ճԿZ ARՑ		j ՛յ՛ցվ՛ ւցմց՛ 2016-17					ճ՛յ՛ցY 2017-18	ճ՛յ՛ցY 2018-19
						2014-15	2015-16	Amavi Y	AmZ DEg	DEg	Pj uZ ցւ	Pj uZ ցւի ւիցե		
								100%	90%	80%	70%	60%		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>Rie ճից՛ նե ԳԱVi ԱViB Gi ԻKՏԿյ MZ D՛ի Կ՛ ցմց՛</b>														
1  ճԿZԿ՛ ճիի ձեկ մնօյ ճմ՛յի RvZ I ԷUKմB Rie ճից՛ D՛եբ	35	1.1 նեմբա ճմ՛յի ԱյԷԻRիK RvZ I ճից՛ D՛եբ	1.1.1 D՛եբ RvZ	msL՛v	15	4	-	4	3	2	1	-	1	1
			1.1.2 D՛եբ ճից՛	msL՛v	10	5	5	5	4	3	2	1	3	5
		1.2 ճմ՛յ Rի ճԻKՏԿյ ճից՛ի ճ՛ղմ	1.2.1 ԲiBim ճԷԻvax ԱղԷԱ ճմ՛յի ԱյԷԻԿԿb, PCR based detection Ges characterization	msL՛v	5	15	15	20	18	16	14	12	15	20
			1.2.2 Mից marker assisted selection breeding	msL՛v	5	10	12	6	5	4	3	1	6	5
2  ճմյ DcKiԻԿի մնRj Բ՛Z՛ I մի eivn ք՛KiY	26	2.1 ւրիZ I ցւիԻNմ Z քR Drc՛ b, լԱմյ Kij Pvi Pvi Drc՛ b, մի յ՛Y I նեZiY	2.1.1 Drc՛ի Z ւրիԷ I ցւ Է4ւմ Z քR	ԻKւR (kZ)	5	0.90	8.50	10.0	9.0	8.0	7.0	6.0	10.0	10.0
			2.1.2 Drc՛ի Z Pvi	msL՛v (նրRi)	5	1.6	1.2	1.6	1.4	1.2	1.12	0.96	1.75	1.75
			2.1.3 նեZiYKZ. ւրիԷ I ցւիԻNմ Z քR	ԻKւR (kZ)	5	-	0.10	0.50	0.45	0.40	0.35	0.30	0.50	0.50
			2.1.4 նեZiYKZ. Pvi	msL՛v (նրRi)	5	1.5	1.0	1.5	1.35	1.2	1.05	0.9	1.5	1.5
			2.2 նեԱ Է, b,	2.2.1 Zյvi contained trial	msL՛v	2	1	1	1	-	-	-	-	-

		Zjv I aɪbi contained & confined trial	2.2.2 ɲeU te_s b I aɪbi confined trial	msL'v	2	1	2	-	-	-	-	-	-	-	
		2.3 ɲeU te_s tbi tgBbtUtbY cixyv	2.3.1 ɲeU te_s b- 8 I ɲeU te_s b-9 Gi cixyv 'lcb	msL'v	2	1	1	1	-	-	-	-	1	1	
3/ Rie cɲyɔ RbɪcɔKiY	05	3.1 ɲeAvbx, m=cɲvi Y Kgɔ GbɪRI cɔZibɪe I KI.Kt' i gɪtS Rie cɲyɔ RbɪcɔKiY	3.1.1 AvɪqmRZ tmɪgbɪi /I qɪKfɪc	msL'v	5	1	1	1	-	-	-	-	1	1	
4/ Rie cɲyɔ ɲeIqK`y Rbej MVb	19	4.1 ɲeAvbx, m=cɲvi Y Kgɔ GbɪRI cɔZibɪe I KI.Kt' i ɲbKU UɪYtRɪbK RɪZ/ɲɪmɔ Kɪj Pri Pri v I D'ɲeZ cɲyɔ i m=cɲvi Y	4.1.1 nɪ -ɪS- ɲi Z RɪZ	msL'v	5	4	4	4	-	3	-	2	7	7	
			4.1.2 nɪ -ɪS- ɲi Z cɲyɔ	msL'v	5	4	4	4	-	3	-	2	4	4	
			4.1.3 ɲi tɪvU <sup>o</sup> ɲi dtj U, ektj U, ɲbDRtj Uvi BZ ɲi cKɪkbr	msL'v	2	5	4	2	-	-	-	-	1	2	2
			4.1.4 Dt'v <sup>3</sup> ɪt' i mɪt_ mgtSɪZv mɪi K mɪy i	msL'v	1	-	-	-	-	-	-	-	-	-	-
		4.2 KI.Kt' i gɪtS D'ɲeZ RɪZ I cɲyɔ i m=cɲvi Y	4.2.1 cɲkɪyZ KI.K'e'ɪ <sup>3</sup>	Rb	2	20	-	-	-	-	-	-	-	-	-
			4.2.2 cɲkɪyZ m=cɲvi Y Kgɔ/GmɪRI cɔZibɪe	Rb	2	-	13	60	54	48	42	36	60	60	
			4.2.3 'ɲncZ cɔkɔɪ	msL'v	1	3	3	4	-	3	-	2	4	4	
	4.3 ɲi tɪvU <sup>o</sup> ɲmm m=cɲv`tb MɪeI Yv mɪvqZv cɔvb	4.3.1 m=cɲvɲ Z ɲi tɪvU <sup>o</sup> ɲmm	msL'v	1	1	1	1	-	-	-	-	1	1		



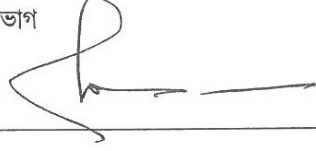
আমি, মুখ্য বৈজ্ঞানিক কর্মকর্তা, জীব প্রযুক্তি বিভাগ, পরিচালক, গবেষণা উইং, বাংলাদেশ কৃষি গবেষণা ইনস্টিটিউট এর নিকট  
অঙ্গীকার করছি যে, এই চুক্তিতে বর্ণিত ফলাফল অর্জনে সচেষ্ট থাকব।

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

স্বাক্ষরিত:

*Rakhaman.*

মুখ্য বৈজ্ঞানিক কর্মকর্তা  
জীব প্রযুক্তি বিভাগ



পরিচালক  
গবেষণা উইং  
বাংলাদেশ কৃষি গবেষণা ইনস্টিটিউট

৩০-৬-১৬

তারিখ

৩০/০৬/২০১৬

তারিখ

**kāmṣṭyc (Acronyms)**

weGAvi AvB	evsj vṭ`k Kwl .Mṭel Yv Bbwi- wJDU (Bangladesh Agricultural Research Institute)
wWGB	Kwl .m=úṭhvi Y Avā `βi (Department of Agricultural Extension)
weGwWw	evsj vṭ`k Kwl .Dbqb Kṭcṭi kb (Bangladesh Agricultural Development Corporation)
weGAvi w	evsj vṭ`k Kwl .Mṭel Yv KvDwYj (Bangladesh Agricultural Research Council)
GmwG	exR cṬ`qb GṭRYx (Seed Certification Agency)
GbwRI	ṭemi Kvi x ms `v (Non-Government Organization)
UṭYṭRwbK	GKwU Rxṭei ṭKvṭbv wbw`ṭ RxṭṭK Ab` GKwU Rxṭe cṬek Ki vṭbvi dtj D <sup>m</sup> wZ cwi evZṬ Rxe

**ms̄thvRbx-2t Kḡm̄úv̄ b mPKmgn̄, ev̄ -evq̄bKviix Ges c̄iigvc̄ c̄x̄iZ-Gī v̄eiY**

μngK bs	K̄h̄p̄g	Kḡm̄úv̄ b mPK	v̄eiY	ev̄ -evq̄bKviix BD̄ibU	c̄iigvc̄ c̄x̄iZ Ges Dc̄v̄m̄Z	m̄aviY ḡs̄-ē
1.	v̄eif̄b̄ōdm̄t̄j i ŪiȲt̄R̄ib̄K R̄v̄Z I c̄h̄ȳ <sup>3</sup> D̄ <sup>m̄</sup> v̄eb	D̄ <sup>m̄</sup> v̄eZ R̄v̄Z	W̄M̄v̄ I d̄j iQ̄ <sup>2</sup> K̄vix̄ t̄c̄v̄Kv̄ c̄l̄Z̄t̄i v̄ax̄ t̄e, t̄bi R̄v̄Z	R̄xe c̄h̄ȳ <sup>3</sup> v̄eFiM̄, v̄eḠAvi Av̄B Ges Pj gr̄b c̄K̄i	R̄v̄Ziq̄ ex̄R̄ t̄eF̄W̄P̄ m̄f̄v̄	
		D̄ <sup>m̄</sup> v̄eZ c̄h̄ȳ <sup>3</sup>	ḡv̄b̄m̄s̄Z̄ i " iŪ/teW̄ <sup>2</sup> Z̄wi i M̄t̄gi R̄v̄Z m̄b̄v̄s̄-K̄iY, f̄iB̄iv̄m̄ c̄l̄Z̄t̄i v̄ax̄ Ūt̄ḡt̄Ūri R̄v̄Z D̄ <sup>m̄</sup> v̄eF̄bi K̄j v̄t̄K̄S̄K̄j	R̄xe c̄h̄ȳ <sup>3</sup> v̄eFiM̄, v̄eḠAvi Av̄B Ges Pj gr̄b c̄K̄i	D̄ <sup>m̄</sup> v̄eZ R̄v̄Z I c̄h̄ȳ <sup>3</sup> i m̄s̄L̄ <sup>v̄</sup> , v̄eḠAvi Av̄B Gī ēm̄l̄ R̄ M̄t̄el̄ Ȳr̄ c̄l̄Z̄t̄e <sup>2</sup> b, R̄ib̄f̄j̄ c̄K̄v̄k̄Z̄ <sup>2</sup> ēĀmb̄K̄ ībeŪb	
2.	iŪm̄ȳK̄ij P̄ri c̄l̄Ūv̄K̄j D̄ <sup>m̄</sup> v̄eb I A_̄R̄ōv̄Z̄K̄ <sup>2</sup> i " Z̄m̄=ú̄b̄eD̄i <sup>m̄</sup> ̄t̄ i ḡv̄B̄t̄μ̄īt̄c̄l̄c̄īt̄M̄K̄b	D̄ <sup>m̄</sup> v̄eZ c̄t̄Ūv̄K̄j	K̄j v, K̄úv̄j, Av̄b̄ri m, ḡv̄ēv, ĀūK̄W̄, ÷̄t̄ēix̄i c̄l̄Ūv̄K̄j	R̄xe c̄h̄ȳ <sup>3</sup> v̄eFiM̄, v̄eḠAvi Av̄B Ges Pj gr̄b c̄K̄i	c̄l̄Ūv̄K̄t̄j i m̄s̄L̄ <sup>v̄</sup> , ēm̄l̄ R̄ c̄l̄Z̄t̄e <sup>2</sup> b এবং সংশ্লিষ্ট নথি	
		D̄rc̄v̄i Z̄ P̄ri v̄	iŪm̄ȳK̄ij P̄ri c̄x̄iZ̄t̄Z̄ K̄j v, K̄úv̄j, Av̄b̄ri m, ḡv̄ēv, ĀūK̄W̄, ÷̄t̄ēix̄i P̄ri v̄ D̄rc̄v̄ b	R̄xe c̄h̄ȳ <sup>3</sup> v̄eFiM̄, v̄eḠAvi Av̄B Ges Pj gr̄b c̄K̄i	P̄ri v̄i m̄s̄L̄ <sup>v̄</sup> , ēm̄l̄ R̄ c̄l̄Z̄t̄e <sup>2</sup> b Ges নথি িষ্ট নথি	
3.	c̄m̄t̄j R̄ib̄ c̄l̄K̄S̄k̄j c̄h̄ȳ <sup>3</sup> i c̄l̄q̄m̄l	f̄iB̄iv̄m̄ c̄l̄Z̄t̄i v̄ax̄ Ūt̄ḡt̄Ūr̄ d̄m̄t̄j i ŪiȲd̄īt̄ḡk̄b, PCR based detection Ges characterization	f̄iB̄iv̄t̄mī b̄ḡj̄v̄ m̄s̄M̄h̄K̄iY, iŪW̄ḠB̄Ḡ c̄j̄ K̄v̄K̄iY, c̄uj̄ ḡt̄īR̄ t̄P̄B̄b īī Ḡīv̄K̄k̄b (īc̄m̄Av̄i) I t̄ēīk̄ōv̄q̄b	R̄xe c̄h̄ȳ <sup>3</sup> v̄eFiM̄, v̄eḠAvi Av̄B Ges Pj gr̄b c̄K̄i	m̄s̄M̄h̄K̄Z̄.b̄ḡj̄v̄i m̄s̄L̄ <sup>v̄</sup> , ēm̄l̄ R̄ c̄l̄Z̄t̄e <sup>2</sup> b	
		M̄t̄ḡ marker assisted selection breeding	ḡuj̄ K̄j̄v̄i ḡv̄K̄f̄ī Gī ḡv̄ā t̄ḡ M̄t̄gi ḡv̄b̄m̄s̄Z̄ i " iŪ/teW̄ <sup>2</sup> Z̄wi i R̄v̄Z m̄b̄v̄s̄-K̄iY	R̄xe c̄h̄ȳ <sup>3</sup> v̄eFiM̄, v̄eḠAvi Av̄B Ges Pj gr̄b c̄K̄i	m̄s̄M̄h̄K̄Z̄.b̄ḡj̄v̄i m̄s̄L̄ <sup>v̄</sup> , ēm̄l̄ R̄ c̄l̄Z̄t̄e <sup>2</sup> b	
4.	īf̄īZ̄ I ḡv̄b̄t̄N̄m̄l̄ Z̄ ex̄R̄ D̄rc̄v̄ b, iŪm̄ȳK̄ij P̄ri P̄ri v̄ D̄rc̄v̄ b, m̄s̄ī ȳY I v̄eZ̄iY	D̄rc̄v̄i Z̄ īf̄īĒ I ḡv̄b̄t̄4̄m̄l̄ Z̄ ex̄R̄	t̄e, t̄bi īf̄īĒ I ḡv̄b̄t̄4̄m̄l̄ Z̄ ex̄R̄ D̄rc̄v̄ b	R̄xe c̄h̄ȳ <sup>3</sup> v̄eFiM̄ Ges v̄eF̄b̄ū: Av̄Āij̄ K̄ t̄K̄: ȳD̄c̄- t̄K̄: ā	D̄rc̄v̄i Z̄ ex̄t̄R̄ī c̄v̄i ḡv̄Y, ēm̄l̄ R̄ c̄l̄Z̄t̄e <sup>2</sup> b I m̄s̄k̄- ó b̄ī	
		D̄rc̄v̄i Z̄ P̄ri v̄	t̄e, b, K̄j v, K̄úv̄j, Av̄b̄ri m, ḡv̄ēv, ĀūK̄W̄, ÷̄t̄ēix̄i P̄ri v̄ D̄rc̄v̄ b	R̄xe c̄h̄ȳ <sup>3</sup> v̄eFiM̄, v̄eḠAvi Av̄B Ges Pj gr̄b c̄K̄i	D̄rc̄v̄i Z̄ P̄ri v̄ī c̄v̄i ḡv̄Y, ēm̄l̄ R̄ c̄l̄Z̄t̄e <sup>2</sup> b I m̄s̄k̄- ó b̄ī	
		v̄eZ̄iYK̄Z̄. īf̄īĒ I ḡv̄b̄t̄N̄m̄l̄ Z̄ ex̄R̄	t̄e, t̄bi īf̄īĒ I ḡv̄b̄t̄N̄m̄l̄ Z̄ ex̄R̄ K̄v̄l̄ m̄= c̄h̄v̄iY Āv̄ā <sup>2</sup> B̄i I K̄I.K̄t̄K̄ c̄l̄v̄b	R̄xe c̄h̄ȳ <sup>3</sup> v̄eFiM̄, v̄eḠAvi Av̄B Ges Pj gr̄b c̄K̄i	v̄eZ̄iYK̄Z̄. ex̄t̄R̄ī c̄v̄i ḡv̄Y, ēm̄l̄ R̄ c̄l̄Z̄t̄e <sup>2</sup> b I m̄s̄k̄- ó b̄ī	
		v̄eZ̄iYK̄Z̄. P̄ri v̄	t̄e, b, K̄j v, K̄úv̄j, Av̄b̄ri m, ḡv̄ēv, ĀūK̄W̄, ÷̄t̄ēix̄i P̄ri v̄ K̄v̄l̄. m̄= c̄h̄v̄iY Āv̄ā <sup>2</sup> B̄i I K̄I.K̄t̄K̄ c̄l̄v̄b	R̄xe c̄h̄ȳ <sup>3</sup> v̄eFiM̄, v̄eḠAvi Av̄B Ges Pj gr̄b c̄K̄i	v̄eZ̄iYK̄Z̄. P̄ri v̄ī c̄v̄i ḡv̄Y, ēm̄l̄ R̄ c̄l̄Z̄t̄e <sup>2</sup> b I m̄s̄k̄- ó b̄ī	
5.	v̄eŪ t̄e, b, Z̄j̄v̄ I āt̄b̄ī contained & confined trial	Z̄j̄v̄ī contained trial	M̄Ȳ n̄iD̄t̄R̄ Z̄j̄v̄ī K̄b̄ŪB̄Ū c̄ix̄ȳv̄ <sup>2</sup> t̄c̄b	R̄xe c̄h̄ȳ <sup>3</sup> v̄eFiM̄, v̄eḠAvi Av̄B	c̄ix̄ȳv̄i m̄s̄L̄ <sup>v̄</sup> , Z̄j̄v̄ D̄b̄q̄b̄ t̄eF̄t̄W̄P̄ ēm̄l̄ R̄ c̄l̄Z̄t̄e <sup>2</sup> b I c̄K̄t̄ī ī m̄t̄c̄iŪ <sup>o</sup>	
		v̄eŪ t̄e, b I āt̄b̄ī confined trial	R̄xe c̄h̄ȳ <sup>3</sup> v̄eF̄v̄t̄M̄ī m̄s̄īv̄ȳZ̄ ḡv̄t̄V̄ v̄eŪ t̄e, b I āt̄b̄ī c̄ix̄ȳv̄ <sup>2</sup> t̄c̄b	R̄xe c̄h̄ȳ <sup>3</sup> v̄eFiM̄, v̄eḠAvi Av̄B Ges Pj gr̄b c̄K̄i	c̄ix̄ȳv̄i m̄s̄L̄ <sup>v̄</sup> , ēm̄l̄ R̄ c̄l̄Z̄t̄e <sup>2</sup> b I v̄eAv̄i Av̄i Av̄B Gī ēm̄l̄ R̄ c̄l̄Z̄t̄e <sup>2</sup> b	
6.	v̄eŪ t̄e, t̄bi t̄ḡB̄b̄īŪt̄b̄Ȳ c̄ix̄ȳv̄	v̄eŪ t̄e, b-8 I v̄eŪ t̄e, b-9 Gī c̄ix̄ȳ <sup>2</sup> t̄c̄b	R̄xe c̄h̄ȳ <sup>3</sup> v̄eF̄v̄t̄M̄ī m̄s̄īv̄ȳZ̄ ḡv̄t̄V̄ v̄eŪ t̄e, b Gī c̄ix̄ȳv̄ <sup>2</sup> t̄c̄b	R̄xe c̄h̄ȳ <sup>3</sup> v̄eFiM̄, v̄eḠAvi Av̄B Ges Pj gr̄b c̄K̄i	t̄m̄c̄Z̄ c̄ix̄ȳv̄i m̄s̄L̄ <sup>v̄</sup> , ēm̄l̄ R̄ c̄l̄Z̄t̄e <sup>2</sup> b I c̄K̄t̄ī ī m̄t̄c̄iŪ <sup>o</sup>	
7.	v̄eAv̄b̄x̄, m̄= c̄h̄v̄iY K̄ḡR̄, Ḡb̄īR̄I c̄l̄Z̄īb̄v̄ā I K̄I.K̄t̄ <sup>2</sup> ī ḡt̄S̄ R̄xe c̄h̄ȳ <sup>3</sup> R̄b̄īc̄t̄j̄K̄iY	Av̄t̄q̄m̄R̄Z̄ t̄m̄ḡb̄v̄ī/ I q̄v̄K̄f̄īc̄	R̄xe c̄h̄ȳ <sup>3</sup> v̄eFiM̄ K̄Z̄R̄ D̄ <sup>m̄</sup> v̄eZ̄ t̄e, t̄bi ŪiȲt̄R̄ib̄K̄ R̄v̄Z Ges Ab̄v̄b̄ d̄m̄t̄j i iŪm̄ȳK̄ij P̄ri c̄l̄Ūv̄K̄j v̄eI t̄q̄ v̄eAv̄b̄x̄, m̄= c̄h̄v̄iY K̄ḡR̄Z̄P̄, b̄m̄Z̄ īb̄āF̄K̄, I Ḡm̄īR̄I	R̄xe c̄h̄ȳ <sup>3</sup> v̄eFiM̄, v̄eḠAvi Av̄B Ges Pj gr̄b c̄K̄i	Av̄t̄q̄m̄R̄Z̄ t̄m̄ḡb̄v̄ī/ I q̄v̄K̄f̄īc̄ Gī m̄s̄L̄ <sup>v̄</sup> , ēm̄l̄ R̄ c̄l̄Z̄t̄e <sup>2</sup> b I m̄s̄k̄- ó b̄ī	

			cłZubwał i ubKU Z'' weibgfqi Rb'' tmgbvi / I qvKřic AvtqvRb				
8.	weAvbx, m=cłwi Y Kgř GmıRI cłZubwa I KI.Kł i ubKU UıYřRabK RvZ/ıUmıKıj Pıı Pııı I D''weZ cłhyř i m=úwı Y	nv''-ıř-ıı Z RvZ	Rre cłhyř wefiM KZř D''weZ cłmtj i weıfbačRvZ gıV cł křx I Kul .tgııı gra'tg weZıY	Rre cłhyř wefiM, weGAvı AvB Ges Pj grb cKı	nv''-ıř-ıı Z RvZı msL'ı, emı R cłZte`b I msık- ó bıı		
		nv''-ıř-ıı Z cłhyř	Rre cłhyř wefiM KZř D''weZ weıfbačhyř gıV cł křx I KgRııııı gra'tg m=cłwi Y	Rre cłhyř wefiM, weGAvı AvB Ges Pj grb cKı	nv''-ıř-ıı Z cłhyř i msL'ı, emı R cłZte`b I msık- ó bıı		
		ıı țcvU,ııı dtj U, ekııj U, ıııDRtj Uıı BZ''ıı cKıı	weGAvı AvB Gi emı R Mtel Yı cłZte`b, țUKııKııı țcłMıg, cłhyř ııı dtj U, țgnmK ıııDR tj Uııı cKıı	weGAvı AvB Gi Mtel Yı DBs Ges m=úıı bıı kvLıı	cKııııı msL'ı, emı R cłZte`b I sřșııııı nıııı		
		Dł''ıř'ıı'ı i mıı' mgtřSıZı mııı K mıııı	Rre cłhyř wefiM KZř D''weZ weıfbačhyř n''-ıř-ııı Rb'' weıfbač mıı Kııı, țemı Kıııı I Dł''ıř'ıı'ı i mıı' mgtřSıZı mııı K mıııı	Rre cłhyř wefiM, weGAvı AvB	mııııı Z mgtřSıZı mıııı Kıı msL'ı, sřșııııı nıııı		
9.	KI.Kł i gıřS D''weZ RvZ I cłhyř i m=cłwi Y	cłkııı Z KI.K/e''ıř	ııUmıKııı Pııı cıııZıZ Drcııı Z weıfbačcłmtj i Pııııı, țmP I gıııı e'e''ııııı Ges msMhțEııı cııı Pıııı ıel țq KI.K/e''ıř cłkııı Y	Rre cłhyř wefiM, weGAvı AvB Ges Pj grb cKı	cłkııı Y cłř KI.K/e''ıřı msL'ı, emı R cłZte`b Ges msık- ó bıı		
		cłkııı Z m=cłwi Y Kgř/GmıRI cłZubwa	ııUmıKııı Pııı cıııZıZ Drcııı Z weıfbačcłmtj i Pııııı, țmP I gıııı e'e''ııııı Ges msMhțEııı cııı Pıııı ıel țq m=cłwi Y Kgř/GmıRI cłZubwa cłkııı Y	Rre cłhyř wefiM, weGAvı AvB Ges Pj grb cKı	cłkııı Y cłř m=cłwi Y Kgř/GmıRI cłZubwaı msL'ı, emı R cłZte`b Ges sřșııııı nıııı		
		''ııı Z cł křx	ııUmıKııı Pııı cıııZıZ Drcııı Z weıfbačcłmtj i Pıııı KI.Kııı gııı V gj'ıııı	Rre cłhyř wefiM, weGAvı AvB Ges Pj grb cKı	cł křııı msL'ı, emı R cłZte`b eıııı sřșııııı nıııı		
10.	ııı țcvUııı mııı m=úıı țb Mtel Yı mıııııı cłııı	m=úııı Z ııı țcvUııı mııı	Mtel Yı Kıııı Rb'' mııııı fııııııı țmeııııı Avıııı K j'ııı mııııııı Mııııııııı weıfbačekıııı'ııı țqııı Qııı Qıııı KZř m=úıııı Z ııı țcvUııı mııı	Rre cłhyř wefiM, weGAvı AvB	m=úıııı Z ııı țcvUııı mııııııı emı R cłZte`b		

**ms̄thvRbx-3t Ab̄̄ `Bi/ms̄`vi vbKU m̄p̄w̄ ̄ Kḡm̄uv̄ b Pun`umgr-**

<b>c̄Z̄ôv̄bi big</b>	<b>সংশিষ্ট কার্যক্রম</b>	<b>Kḡm̄uv̄ b mPK</b>	<b>D³ c̄Z̄ôv̄bi vbKU Pun`v/c̄Z̄`vkv</b>	<b>Pun`v/c Z`ikvi th̄v̄KZv</b>	<b>c̄Z̄`vkv ciY bv n̄tj m̄te` c̄f̄ie</b>
evsj v̄`k Kul. M̄tel Yv K̄vD̄w̄Yj	c̄Z̄K̄j̄ c̄w̄i tek m̄m̄ô R̄vZ Q̄vôKiY	D̄m̄weZ R̄vZ Q̄vôKiY	R̄vZ Ab̄jgr̄ b c̄h̄μqv̄KiY	wētkl `eik̄tô` I bZb R̄vZ	Drcv` b̄k̄j̄ Z̄v̄ ȳm̄ZM̄ô`n̄te
Kul. m̄ūth̄viY Aw̄a` Bi	Kul. c̄h̄ȳp̄ m̄ūth̄viY	c̄h̄k̄ȳj̄Z ēv̄r̄³/KIK	Kul. c̄h̄ȳp̄ c̄h̄k̄ȳb c̄ôv̄bi Rb̄` Ḡj̄ v̄K̄v̄ w̄f̄iĒK P̄r̄lx̄ v̄bēp̄t̄b m̄n̄v̄q̄Z̄v c̄ôvb	Kul. m̄ūth̄viY Aw̄a` Bi th̄tn̄Z̄z̄ KIK.̄ī m̄v̄t̄_ m̄iv̄m̄i K̄vR̄ K̄tī wēav̄q̄ c̄h̄k̄ȳt̄Yi Rb̄` P̄r̄lx̄ v̄bēp̄t̄b m̄n̄v̄q̄Z̄v c̄ôvb K̄īt̄Z̄ c̄v̄i	h_vh_f̄v̄te KIK v̄bēp̄b m̄ēē b̄v̄ n̄tj c̄h̄ȳp̄ n`l̄s̄t̄īī ev̄av̄M̄ô`n̄t̄Z̄ c̄v̄i
evsj v̄`k Kul. Db̄q̄b K̄t̄c̄v̄f̄i kb	exR Drcv` b I weZiY c̄Z̄ôvb	c̄h̄k̄ȳj̄Z m̄ūth̄viY KḡR̄Z̄f̄Kḡf̄	dm̄t̄j̄ i D̄m̄weZ D`Pd̄j̄ b̄k̄j̄ R̄vZ I Db̄z̄ c̄h̄ȳp̄ mgr̄ m̄ūth̄viY KḡR̄Z̄f̄Kḡf̄ i c̄h̄k̄ȳY c̄ôv̄bi Rb̄` m̄ūth̄viY Kḡw̄/KḡR̄Z̄f̄ ḡt̄b̄v̄q̄b c̄ôvbcēR̄ c̄h̄k̄ȳt̄Y t̄c̄ôY	Kul. m̄ūth̄viY Aw̄a` B̄tīi KḡR̄Z̄f̄v̄ th̄tn̄Z̄z̄KIK.̄ī vbKU D̄m̄weZ Kul. c̄h̄ȳp̄ Ges Db̄z̄ R̄vZ m̄ūth̄vīt̄Y m̄iv̄m̄i K̄vR̄ K̄tī_ v̄t̄K, t̄m̄tn̄Z̄m̄ūth̄viY KḡR̄Z̄f̄` i c̄h̄k̄ȳt̄Y c̄ôqv̄R̄b̄q̄ msL`K KḡR̄Z̄f̄ḡt̄b̄v̄q̄b c̄ôvb K̄īt̄Z̄ c̄v̄i	c̄h̄ȳp̄ n`l̄s̄t̄īī ev̄av̄M̄ô`n̄t̄Z̄ c̄v̄i
exR c̄Z̄`qb Ḡt̄R̄v̄Y	D`Pd̄j̄ b̄k̄j̄ R̄vZ Q̄vôKiY	weZiYKZ. weW̄vi exR	weGAvi AvB KZ̄R̄. c̄ôvbKZ. weW̄vi exR Drcv` b n̄t̄Z̄ w̄f̄iĒ exR Ges c̄Z̄`m̄q̄Z̄ exR Drcv` b K̄tī KIK ch̄f̄q̄ weZiY	miK̄v̄ix̄ exR Drcv` b I weZiY c̄Z̄ôvb̄ w̄m̄v̄tē weGAvi AvB n̄t̄Z̄ c̄ôqv̄R̄b̄q̄ c̄w̄i ḡv̄Y weW̄vi exR msM̄h̄ K̄tī D³ weW̄vi exR n̄t̄Z̄ w̄f̄iĒ exR Ges c̄Z̄`m̄q̄Z̄ exR Drcv` b K̄tī KIK ch̄f̄q̄ weZiY	KIK ch̄f̄q̄ ex̄t̄Rī N̄v̄Ūw̄Z̄ n̄t̄Z̄ c̄v̄i
	weW̄vi exR c̄Z̄`qb	D̄m̄weZ R̄vZ Q̄vôKiY	R̄vZ Ab̄jgr̄ b c̄h̄μqv̄KiY	wētkl `eik̄tô` I bZb R̄vZ	Drcv` b̄k̄j̄ Z̄v̄ ȳm̄ZM̄ô`n̄te
		Drcv` Z̄ weW̄vi exR	exR c̄Z̄`qb	Kul. Z̄_v̄ K̄īK̄ī Db̄q̄t̄b Ac̄wi n̄v̄h̄©	Drcv` b̄k̄j̄ Z̄v̄ ȳm̄ZM̄ô`n̄te