



# বায়োটেক ফসলের বর্তমান অবস্থা

“ISAAA Gi dmj `Re ch³ i nek!Ávb tK>`aKZK.i wPZ  
Dbqokj t`tki Kml.-%Re ch³ D`ve tbi nek!cui w`wZi mvi vsk”

[www.isaaa.org](http://www.isaaa.org); [www.bdbic.org](http://www.bdbic.org); [bdbic@googlegroups.com](mailto:bdbic@googlegroups.com); [info@isaaa.org](mailto:info@isaaa.org)



সেপ্টেম্বর ০৫, ২০১১ ইং

## শিরোনাম

### খবর

**বিশ্ব** + Lv` wbivcEvi wel tQ BUti tbtU Avtj vPbv

**আফ্রিকা** + bvBtRwi qvq Lv` mgm`v mgyavtb evtqvtUK ch³ i e`envi

**আমেরিকা** + eMj km` tivcb Kivi Rb` ubeÜb Kti tQ  
+ **Danforth Center**-Gi weÁvbi v KmvfvtZ Cyanogens Kgvbvi Rb` wbgg `Zix Kti tQ  
+ mBtWtbi GKwU tmvqmetbi RvtZ Avðh`-m cðZti va `IqZv cvl qv tM tQ  
+ wKQyMvQ tµvtgvtRvg mSL`v w`Y Kti hv **Distress** tK AwZµg Kti

**এশিয়া ও প্রশান্ত মহাসাগরীয় অঞ্চল** + misewi` Kiv cmi euZZ Avenl qvtZ evtqvtUK tbyj wRi` fvgKv wbtq Avtj vPbv Kti tQ  
+ eisj vt`tki Kml gSx qvZqv tPaj x etj tQb (**GM**) ch³ i gra`tg Lv` wbivcEvi Ges`mi` `xKib m`e

**ইউরোপ** + Epigenetics- cKwZi` `gZ ebvg cmi PP`  
+ Mtel Kiv wcvqtRi` enko` wbjcb Kivi Rb` j vBtef x` Zix Kti tQ

**গবেষণা** + GM Mtgi Insect Hervibores Gi Dci cfve wbtq Mtel Yv

## বিস্তারিত

### খবর: বিশ্ব

Lv` wbivcEvi wel tQ BUti tbtU Avtj vPbv

Committee on World Food Security (CFS) Lv` wbivcEvi Ges fvj cyo e`e`vcbvi Rb` BUti tbtU Avtj vPbv Kivi Rb` GKwU tdivvg tLvj v ntqtQ| GB tdivvg, CFS Gi tivtg AbjðZ 37Zg wgtkb tçY Kiv ntqtQ| GB Avtj vPbvq wevfbcæm`vS`Z wbtqtQ hv Global Strategic Framework for Food Security and Nutrition (GSF) Gi Kvtr j wMte| Global Strategic Framework for Food Security and National gvbtl i e`w³MZ AwfÁZv, `vbxq Pwn`v Ges wevfbcæcðZ wvaf` i gZvg tZB MwZ nq| GB Rb` GLvtb cðZ`tki `vaxb gZevt` i Rb` Avtj vPbvi c` Dbj³ Kiv ntqtQ| GSF GB Avtj vPbv Bstj Rx, t`únbk, dvY, Avi ex, i wKqv Ges Pxbv fvlvq ntZ cvi te|

For details, please refer to the Research and Development database on the Biosafety SA website (<http://www.biosafety.org.za/>).

### খবর: আফ্রিকা

bvBtRwi qvq Lv` mgm`v mgyavtb evtqvtUK ch³ i e`envi

bvBtRwi qvi cð`wK mi Kivi Ges Zvi t`tki Lv` mgm`v mgyavb Kivi Rb` evtqvtU tbyj wR e`envi Kivi wmxvS`-Mðb Kti tQ| Science and Technology-G Minister, National Biotechnology Development Agency (NABDA) Gi Open Forum G GB wbtb Avtj vPbv Kti tQ| wZib Avtiv etj tQb, Kml Drcv`b evortbvi Rb` evtqvtUK tbyj wR tK Avtiv KvhRix Kiv cðqvRb mvt` mvt` MvQ Ges ci i tivM wbgşb Kiv cðqvRb|

The full story is at <http://allafrica.com/stories/201108011730.html>

### খবর: আমেরিকা

eMj km` tivcb Kivi Rb` ubeÜb Kti tQ

eZgvtb eMj Avtiv tenk tRtbi UK`vj x gwWcdvBW (wRGg) km` MðY Kti tQ| c`eP tPtq 13.4% tenk mqvwb Drcv` bKvix K.I.K 20.8 wgvj qb tn±i Rvg tZ tmvqweb Pvlvew` Kti tQ| 2011-12 mvtj, K.I.Kiv UBtRwbK tmvqweb tenk MðY Kti tQ Ges Zj vi t`t` 606,000 tn±i Rvg tZ Zj v tivcb Ki te hv c`eP Zj bvq 62.7% tenk|

Details of the report are at [http://www.comunique-se.com.br/deliverer\\_homolog/arq/cli/arq\\_1198\\_76582.pdf](http://www.comunique-se.com.br/deliverer_homolog/arq/cli/arq_1198_76582.pdf)

**Danforth Center**-Gi weÁvbxiv KvmvfvZ Cyanogens Kgvbvi Rb` wbgg ^Zix Kti tQ

Kvmvfv Dbqbkxj t`tki `wi`^gvbfl i GKwU cÁvb Lvevi | weÁkji cÁq 700 wgvj qb gvbj Gi Dci wbfP Kti \_vK | GB Rb` Donald Danforth Plant Science Center Gi weÁvbxiv fvj RvZi Kvmvfv Drcv` b Kivi tPÓv Ki tQ hvZ mqvbtwRb hyB \_vK Ges Gi gEj thb tek gvÁvq tÁUv \_vK, hvZ cyó gv b fvj nq | nvBtWw bvB:UvBj jvtqR (HWL) bvgK GKwU tÁUv Kvmvfv Gi cvZvq eZgvb AvtQ hv 50% cÁqvRbxq AvgvBtbn GmW mgx | GB tÁUv gvbtli Lvl qvi thM` Zte tKvb cvk;cÁZwvqv tbB | weÁvbxiv th UÁYtRwbK Kvmvfv Drcv` b Kivi tPÓv Ki tQ ZvtZ Hydroxyl Nettle Liaise (HNL) \_vKte wKŠ` 53-74% mqvbtwRbI gyB \_vKte | GtZ Kti tek tÁUv I cyó mgx Kvmvfv Drcv` b mÁe nte |

For more information, contact Karla Goldstein of the Donald Danforth Plant Science Center at [KGoldstein@danforthcenter.org](mailto:KGoldstein@danforthcenter.org)

**mBtWtbi GKwU tmqvmetbi RvtZ Avdh` ÷ h cÁZtva ¶lgZv cvl qv tMtQ**

US Department of Agnice Hanc Gi tRtBwK we` iv I Rtb Ges Avtiv Ab`vb` t` ÷ h cÁZtva mÁubetmqvmetbi RvZ tLwRvi Rb` AtbK MtelYv Kti tQ | Zviv t` tL tQ Fiskeby Soybeans hv mBtWtbi DEivÁj t` tK cvl qv wMtqtQ AZx gvÁvq j eY, I Rb I Lv` cÁZtva Kitz m¶lg |

Read the media release at <http://www.ars.usda.gov/is/pr/2011/110729.htm>

**wKQyMvQ tµvgtvRvg mSL`v w`Y Kti hv Distress tK AwZµg Kti**

tKvl wefvRb Ovov tµvgtvRvtgi w`Y nI qv bZb wKQybB | University of Illinois tµvgtvRvtg GB w`Y nI qvi mt\_ MvtQi epixi mÁuR tLwRvi tPÓv Ki tQ | GB Rb` Zviv Arabidopsis thaliana plant w`Y Kti tQ wKQy mgq | 20wU tµvgtvRvg t` tK 320wU tµvgtvRvg tÁstQ tQ Gi Dci MtelYv Kiv ntqtQ | Daniel Scholes Gi gtZ GtZ DNA Gi cwi gvY epix cvq Ges tmB mt\_ tÁUv tbi gvÁvl epix cvq hv epix Ges cRbb KvR j vM |

Read the media release at [http://news.illinois.edu/news/11/0801plants\\_KenPaige.html](http://news.illinois.edu/news/11/0801plants_KenPaige.html)

**খবরঃ এশিয়া ও প্রশান্ত মহাসাগরীয় অঞ্চল**

**musew` Kiv cwi ewZ Avenvl qvtZ evtqvUKtbnj wRi fvgKv wbtq Avtj vPbv Kti tQ**

wchj cvBb, \_vBj `vU, gvj tqwkqv, KÁwqv, wftqZbvq, Bt` vtbkqv, tKwi qv Ges cwk` Zvtbi musew` Kiv 20 t` tK 22 Rj vB, Bt` vtbkqv hvKvZvq "Status, Impacts and Future Prospects of Agri-biotechnology in a Changing Climate: A Regional Workshop for Media Practitioners" kxlR GKwU Workshop G thM` vb Kti tQ | GB Workshop G evtqvUK ktm`i eZgvb %eix Avenvl qv Ges AwK Lv` Pwin` vtZ wK fvgKv ivLte Zv wbtq Avtj vPbv Kiv ntqtQ | Dr. Paul Teng, Dean of the Office of Graduate Studies and Professional Learning at the National Institute of Education, Singapore D`j tKti tQ Biotech km` Lv` wbi vcvZ weÁkl fvgKv ivLte Kvi Y G` t` v tek Drcv` bkj |

For more information about the workshop, visit <http://www.bic.searca.org> or e-mail [bic@agri.searca.org](mailto:bic@agri.searca.org)

**evsj vt`tki Kw gSxgwZqv tPšajx etj tQb (GM) chv`i gva`tg Lv` wbi vcvE` Ges `wi`^`ixKib mÁe**

evsj vt`tki Kw gSxgwZqv tPšajx etj tQb evsj vt`k Ggb GKwU t`k, thLv`b cÁZ`K eQi cÁKwZK `hM`i Ketj cto | thgb- eb`v, ¶liv Ges jeYv`Zv | hvi Kvitb wZwb etj tQb- Avgv`i ¶liv, jeYv`Zv Ges eb`v mnbkxj RvtZi dmj Awv`vi Kitz nte | Agriculture and food Security: Emergency Research Instinctive Gi tmvgbtv wZwb cÁvb AwZw wntmte Dcw`Z wQtj b | GLv`b Cornell University Gi weÁvbxiv I Dcw`Z wQtj b | Zviv wKfvte jeYv`Zv Ges ¶liv cÁZtva mÁubemgti RvZ D`me Kiv ntqtQ Zv wbtq Avtj vPbv Kti tQ | gSx Avkv Kti tQ GKw`b evsj vt`tki weÁvbxivl GB iKg RvZ D`metb mmvq fvgKv ivLte | Overview of Emerging Issues on Agriculture and Food Security Gi Dci Avtiv Avtj vPbv Kti tQ | Dr. M. A. Satter Mandal, Bangladesh Agricultural University-Gi Vice Chancellor, Professor. Dr. K.M. Nasiruddin, Md. Shamsuddin Ges Md Kamal "Synthesis of frontiers in agricultural research" on crop, livestock and fisheries Gi Dci chv`µt`g e`e` ivLb |

For more information on the seminar and other news on biotechnology in Bangladesh, contact Dr. KM Nasiruddin at [nasirbiotech@yahoo.com](mailto:nasirbiotech@yahoo.com)

## খবরঃ ইউরোপ

Epigenetics- cKwZi ʼʒZ ebyq cwi PPP

John Innes Centre Gi Mtel Kiv Mtel Yv Kti ʼ ʼLiqb wKfite GKwJ Organism cKwZi Ae ʼv thgb Lv ʼ, Zvcgv ʼv Ges Ab ʼvb ʼ Ae ʼv mby<sup>3</sup> Kitz m ʼlg nq Ges Zv gtb i ʼvL | GB ʼʒZ Biological Switch Gi b ʼvq KvR Kti Ges Zv e ʼPit ʼ i gta ʼ cfwEZ nq | Professor Caroline Dear D ʼj ʼ Kti ʼQb cKwZi cwi tek GKwJ Organism Gi Physiological Ae ʼv ʼK c ʼwvZ Kti wK ʼS ʼ G ʼZ wR ʼbv ʼgi ʼ Kvb cwi eZ ʼ nq b ʼ | GB NubwJ epigenetics b ʼtg cwi wPZ G ʼZ wR ʼbv ʼgi ʼ Kvb cwi eZ ʼ nq b ʼ wK ʼS ʼ MvQ AwZ Vv ʼv Ges Zvcgv ʼv Zvi cwj ʼbk ʼbi mgq gtb Kitz c ʼti | wewf b ʼ Mtel Yv Kti ʼ ʼ Lv w ʼtq ʼQ FLC wR b ʼwJ Switch off nq Ges on nq c ʼq ʼRb Ab ʼv ʼti |

For more details, read the article at <http://www.jic.ac.uk/corporate/media-and-public/current-releases/110724deanhowardmemory.html>

Mtel Kiv w ʼc ʼv ʼRi ʼ e ʼw ʼk ʼ w ʼb i ʼf ʼc b Kivi Rb ʼ j v ʼB ʼe ʼx ʼ Zix Kti ʼQ

Dr. Andrew Taylor, University of Warwick's School of Life Sciences ʼ ʼK BD ʼivc, A ʼ ʼ ʼj qv, w ʼD ʼw ʼj ʼ v ʼU, Aw ʼd Kiv Ges f ʼv ʼZi 96wJ t ʼc ʼv ʼRi R ʼv ʼZi ʼ ti ʼw c ʼZ ʼti ʼv m ʼ e ʼb ʼ e ʼ e ʼw ʼk ʼ w ʼb i ʼf ʼc b Kivi Rb ʼ j v ʼB ʼe ʼx ʼ Zix Kti ʼQ | GB Z ʼ e ʼv ʼni Kti *Fusarium oxysporum* c ʼZ ʼti ʼv m ʼ e ʼ b ʼ e ʼ t ʼc ʼv ʼRi R ʼv Z ʼ Zix m ʼ e ʼ n ʼe Ges arbuscular mycorrhizal fungi Gi D ʼc ʼ w ʼZ R ʼv ʼv h ʼv ʼe h ʼv t ʼc ʼv ʼR P ʼv ʼi i Rb ʼ D ʼc ʼ h ʼw ʼx | GB Fungi D ʼc ʼ w ʼZ ʼ v ʼK ʼj m ʼi Kg c ʼ ʼq ʼw Kiv c ʼ ʼq ʼRb c ʼ ʼ |

Read the news release at [http://www2.warwick.ac.uk/newsandevents/pressreleases/research\\_helps\\_breeders](http://www2.warwick.ac.uk/newsandevents/pressreleases/research_helps_breeders)

## খবরঃ গবেষণা

GM M ʼgi Insect Hervivores Gi Dci c ʼf ʼv w ʼtq Mtel Yv

mev ʼ b gtb Kti w ʼR Gg km ʼ D ʼc K ʼvix t ʼc ʼ ʼK ʼ ʼw ʼZ Kite | GB g ʼb ʼv ʼf ʼv ʼe i Rb ʼ Fernando Alvarez-Alfageme of Agroscope Reckenholz-Tanikon Research Station in Switzerland ʼ ʼK Mtel Yv Kti ʼQ transgenic spring wheat lines h ʼv powdery mildew c ʼZ ʼti ʼv m ʼ e ʼ b ʼ e ʼ Kti, Insect Gi Dci ʼ K ʼv ʼb ʼv c ʼf ʼv Ae ʼ ʼQ w ʼK ʼb, Mtel Yv ʼ ʼ Lv w ʼtq ʼQ Gm Wheat GB pest Gi ʼ Kvb ʼ ʼw ʼZ Kti b ʼ |

Read the open-access research article at <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0022690>

## ISAAA ( International Service for the Acquisition of Agri-biotech Applications)

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[www.bdbic.org](http://www.bdbic.org): বাংলাদেশ বায়োটেকনোলজি তথা কেন্দ্র কৃষক সর্বদেয় আনন্দের জন্য ওয়েব

[www.isaaa.org](http://www.isaaa.org): ISAAA সম্পর্কে সকল তথ্য, Crop Biotech Update: বায়োটেক ফসলের বিশ্ব পরিষ্কৃতির ওয়েব

[www.agbios.com](http://www.agbios.com): কৃষি বায়োটেকনোলজির ওয়েব

[bdbic@googlegroups.com](http://bdbic@googlegroups.com): বাংলাদেশ বায়োটেকনোলজি তথা কেন্দ্র কৃষক সর্বদেয় আনন্দের জন্য গ্রুপ মেইল

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