



# বায়োটেক ফসলের বর্তমান অবস্থা

“ISAAA Gi dmj ^Re chj^ i nek|Ávb tK^ aKZK.i wPZ  
Dbqokj t^tki Kwl.-%Re chj^ D^m^etbi nek|cwi w^wZi mvi vsk”  
www.isaaa.org; www.bdbic.org; bdbic@googlegroups.com; info@isaaa.org



জুলাই ২৯, ২০১৯ ইং

## শিরোনাম

### খবর

বিশ্ব + Freeze the Food print of Food Gi cwi Kí bv

আফ্রিকা + tKwbqvtZ Gm Zj vi Abtgr` b

আমেরিকা + US EPA Syngenta's Dual Modes Gi Abtgr` b

### এশিয়া ও প্রশান্তমহাসাগরীয় অঞ্চল

- + Pxtb wRtbwgK cZóvb Avtiv AvaybKvqb Kiv nte
- + CSIRO GB Mtel Kiv cwi euZZ Aveml qvi Rb` km` Drcv` b Ki te
- + Zj v Drcv` bKvixiv tcv- mBtWi mel ^Zv t\_ tK i qv tctqtQ
- + Kwl i Rb` cwk` Zvb Pxtbi mvt\_ GKmt½ KvR Ki te
- + cwk` Zvtbi exR tewWqbZp RvtZi exR Abtgr` b Kiti tQ
- + wRb Awe` dti i gva`tg Stress cZtiva m^ubvRvZ Drcv` b m^e

### ইউরোপ

- + Bsj` vtU Gm Drug Gi cix`lv
- + RvgrvDxtZ Gm Gi cix`lvqj K gvV` qvZM0` ntqtQ

### গবেষণা

- + cWRvgtggtetb tcnub teuk cKvk Kivq ZiguK wUv cZtiva Kitz m`lg

### বিস্তারিত

#### খবর: বিশ্ব

#### Freeze the Food print of Food Gi cwi Kí bv

WWF Gi KgRZP Jason Clay- Nature Journal-G Freeze the food print of food bvtgi GKw article cKwkZ ntqtQ| GLvtb wKfite eZgvtb ewaZ RbMtYi Rb` msKwPZ RvgtZ chvB Lvevi Drcv` b Kiv hvq Zvi cwi Kí bv t` lqv ntqtQ| th\_ wj wbgtefc-

**Genetics-** mvavi Y cPuj Z cRbtbi mvt\_ Dchj^ Genetics Gi e`envi

Dchj^ cPov- wbgvvtbi Kwl c^wZ tQto fij gvvtbi Kwl c^wZi cDqvM GtZ Lv` Drcv` b ewx mn Avql evote|

c^wZi i gva`tg teuk KvRix e`vcbv- Kwl Dcv` vb cDqvM thgb- tmP, mvi, KxUvktKi KvRix cDqvM|

cwi Z`^3 Rvgti e`envi- hw` GB c^wZ\_ tjv cDqvM m^e nq Zvtj GKB cwi gvb RvgtZ 20-15 K`vj ix km` Drcv` b evote|

Subscribers can view the article at <http://www.nature.com/nature/journal/v475/n7356/full/475287a.html>

#### খবর: আফ্রিকা

#### tKwbqvtZ Gm Zj vi Abtgr` b

tKwbqvtZ Gm fivi, Abtgr` tbi ci gtb Kiti 2014 mtj Gm Zj v Abtgr` b Ki te| GB Zj v KxU cZ½ cZtiva m^ubvGB Zj v qiv cZtiva m^ubv GtZ Kti mvavi Y Zj vi tPtq w\_ b Drcv` b m^e nte|

Read more at <http://www.businessdailyafrica.com/Corporate+News/Kenya+pushes+ahead+with+GM+cotton+plans/-/539550/1206866/-/yw6uos/-/>

#### খবর: আমেরিকা

#### US EPA Syngenta's Dual Modes Gi Abtgr` b

US Environmental Protection Agency, Agrisure 3/22 Corn Gi bZb Kti Registration Abtgr` b w` tqtQ| GB Gm Kb^ Bw` `ekó` m^ubvGKw Root warm cZtiva m^ubvGes Avti Kw Herbicide cZtiva m^ubv

See the Syngenta Press Release at <http://cornandsoybeandigest.com/site-files/cornandsoybeandigest.com/files/EPA%20Approves%20New%20Syngenta%20Corn%20Trait%20Stack%20Featuring%20Dual%20Modes%20of%20Action%20Above-%20and%20Below-Ground%20Five%20Percent%20Refuge.pdf>

## খবর: এশিয়া ও প্রশান্ত মহাসাগরীয় অঞ্চল

Prxb wRtbwngK cŌZŏvb Avtív AvaybKvqb Kiv nte

Pxbv wRtbwngK cŌZŏvb Dbz Kivi Rb` Zviv Avtív fvjv e`e`vcbv cŌqM Kite| AtbK Mtel Yv cŌZŏvbi fvjv Computing Power tbB Ges msi ƒlb ƒlgZvi I Afve AvtŌ| USA Gi Genome Sequencing Gi cŌvb Dtg ƒ KtítŌ bZb Gme mƒhvM mƒeavi gva`tg Cloud wtkƒ Ab`Zg Genome Sequencing Gi cŌZŏvb nte|

Read the complete article at <http://www.nature.com/news/2011/110726/full/475435a.html>

CSIRO GB Mtel Kiv cwi ewZƒ Avenl qvi Rb` km` Drcv`b Ki te

Commonwealth Scientific and Industrial Research Organization (CSIRO) Gi weÁvbxiv Gmb km` RvZ Drcv`b Ki te hv cieZƒ20-50 ermi cil Avenl qv cwi ewZƒ ntj I Drcv`b Kitz mƒlg nte| CSIRO Gi cŌvb Dr. Jairo Palta GKw Mtel Yv Kti t` ƒLŌtŌ wKfvte wvƒbœcwi ewZƒ Avenl qvtZ Mƒgi wvƒbœRvZ ep` nte| GtZ Kti cŌRbbw` iv fvj RvZ teŌtŌ wbtZ cvite| Dr. Robert Avtív t` ƒLŌtŌ wKfvte `RvZ Ges AvšZK RvZ cwi ewZƒ Avenl qvtZ fvj fvte teƒP`vKte|

For more information, visit <http://www.csiro.au/news/Adapting-crops-and-natives-to-climate-change.html>

Zjv Drcv`bKvixiv tcv`-mvBtWi wv ƒZv t`ƒK i ƒlv tctqtŌ

Bt Zjv e`envtíi dtj Zjv Drcv`Kvixiv wKŌlv ntj I tcv`-mvBtWi wv ƒZv t`ƒK i ƒlv tctqtŌ| GtZ Kti `ƒ` eve` wKŌyUvKvI Awi wi ƒ ƒtg tMŌtŌ Mtel Kiv fvi Z t`ƒK GB Mtel Yv KtítŌ| Bt Zjv e`envtíi dtj 50% tcv`-mvBW e`envi KtítŌ Ges 70% wv ƒZv t`ƒK i ƒlv tctqtŌ| GtZ Kti 24-51 wgvj qb Wjvi LiP KtítŌ `ƒ` LvZ|

View a summary of the article at <http://www.sciencedirect.com/science/article/pii/S0921800911002400>

KwI i Rb` cwiK`Zvb Pxtbi mvƒ` GKmƒ½ KvR Ki te

cwiK`Zvb Pxtbi KvŌ t`ƒK KwI t`ƒtŌ Drcv`b ep`xi Rb` cwiK`Zvbi Agricultural Scientists Association (PASA) Gi tƒqvi g`vb Jamshad Iqbal Cheema GB K`v Dtg ƒ KtítŌ| wZvb Avtív etj tŌb Pxbv miKvi cwiK`Zvb tK chƒ`MZfvte mrvh` Ki te GtZ Kti ƒh Drcv`b nte Zv t`ƒki DcKvtiB Avmte| Dbqbkj t`ƒk Dbz gvƒbi extRi AcZj Zv, wbgvƒtbi tmP e`e`v Ges Lv` msi ƒlb I Lv` e`e`vcbvi A` ƒZv GKw gvi vZK mgm`v|

The original article is at <http://www.pabic.com.pk/Pakistan%20should%20join%20hands%20with%20China%20for%20increasing%20its%20agriculture%20production.html>

cwiK`Zvbi exR tevW`bZp RvZi exR Abtgv`b KtítŌ

cvÁve exR KvDvYj 13 w bZb RvZi exR Abtgv`b KtítŌ G`tjvi gta` cvPw Mƒgi RvZ, thgb- Dhara-B-2011, Punjab-2011, Millet-2011, NARC-2011, Aus-2011 Ges GKw AvtLi RvZ CPF-247 Wj RvZxq `βw km` thgb- Bhakhar-2011, NIAB-Moong-2011, Auj f- BARI-Zctoon-1 Ges BARL Zctool-2, Oil Seeds-TS-5. Faisal Canola Ges Cot- 2011, GB RvZ`tjvi D`P Drcv`bkj Ges tcvKvqvKo cŌZtíva m`ubŌ

For more details go to <http://www.pabic.com.pk/Punjab%20Seed%20Council%20approves%2013%20new%20seed%20varieties%20of%20various%20crops.html>

wRb Awe`ƒtíi gva`tg Stress cŌZtíva m`ubœRvZ Drcv`b m`œ

Bmi vBtj i University of Haifa m`œZ Eibi 1 wRb mbr` KtítŌ hv Cutin Drcv`b Kti | 8 ermi atí Mutant Analysis GB Mtel Yv Kiv ntqtŌ| MƒQi evj xi GB wRb Mutant Kti t` Lv wMttŌtŌ A` ƒvweK ep` nq hLb cwib Kg`vƒK| GB Awe`ƒtíi gva`tg Rvzv hvte wKfvte cwbtZ emeim Kvix MvŌ gvi tZ RvƒtZ cvtí |

See the original news in Hebrew at <http://newmedia-eng.haifa.ac.il/?p=5351#more-5351>

## খবর: ইউরোপ

Bsj`vŌ Gm Drug Gi cix ƒlv

United Kingdom Gi Pharma Planta Consortium GM tobacco MvŌ t`ƒK monoclonal antibody %Zix KtítŌ| GB antibody HIV ƒhšb Kgƒ m`xi t` ƒn cœk Kitz evav w`te| Gw cŌg cix ƒlvi cti Avtív Ab`vb` MvŌ t`ƒK cŌb antibody Ab`vb` AmƒLi Rb`I cix ƒlv Kiv m`œ nte| MvŌ t`ƒK antibody `Zix KtítŌ LiP Kg nte|

Read more information at [http://www.pharma-planta.net/images/file/Pharma-Planta\\_Press\\_release\\_July2011.pdf](http://www.pharma-planta.net/images/file/Pharma-Planta_Press_release_July2011.pdf)

## RivgixZ Gm Gi cixqvgj K gvW qWZMÖ' ntqtQ

9 Rj yB, 2011 Rivgix Gross Lüsewitz near Rostock and in Üplingen (Saxony-Anhalt) ARivb Avµgb Kvi xiv GM Avj Ges Mtgi cixqvgj K gvW aYsk Kti w`qtQ| GB AvµgbKvi xiv cwniv`vi Kvi xK gvi ai Kti Ges gwi tPi `ov t`cÖKti wFZti cÖek Kti tQ German Plant Breeder Association t`K etj tQ 2009 mtj GM weti xiv cÖq A`aK GM ktm` aYsk Kti tQ|

The full article is at <http://www.gmo-safety.eu/news/1335.genetic-engineering-field-trials-destroyed.html>

## খবরঃ গবেষণা

### cWRgv tggtefb tcmUb tewk cÖKv Kivq ZvgvK WÜv cÖZti va Ki tZ m`qg

WÜv Zvcgv`vq cWRgv tggtefb tewk AvµvŠZ nq| WÜv cÖZKvi m`ubMvtQi Riv `Zixi Rb` Pxtbi Dong-Ru Feng and colleagues at the Sun Yat-sen University in China Gi MtelYv cloned cold-induced gene (*MpRCI*) t`K cloned Kiv ntqtQ| Ziv Green Fluorescent Protein MPRC1 h` Kti Plasma Membrane mbv<sup>3</sup> Kiv ntZv| Real time PCR Kti wRtbi Profile chfe`Y Kti t`Lv ntqtQ| GB wRb Aí Zvcgv`vq cZv Ges wki vq cÖKvKZ nq| GB wRb cixq`v Kti t`Lv wMtqtQ GB wRb cÖKvKt b WÜv cÖZti va m`e|

Read the research article at <http://www.sciencedirect.com/science/article/pii/S0098847208001676>

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

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[www.bdbic.org](http://www.bdbic.org): বাংলাদেশ বায়ো-টেকনোলজি তথা কেন্দ্র কৃষক সফলতার ব্যবস্থার জন্য ওয়েব

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

[www.agbios.com](http://www.agbios.com): কৃষি বায়ো-টেকনোলজির ওয়েব

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