



বায়োটেক ফসলের বর্তমান অবস্থা

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ISAAA “এর ফসল জৈব প্রযুক্তির বিশ্ব জ্ঞান কেন্দ্র কর্তৃক রচিত
উন্নয়নশীল দেশের কৃষি-জৈব প্রযুক্তি উদ্ভাবনের বিশ্ব পরিস্থিতির সারাংশ



ৱক্টি ববগ

28 AৱMó 2009

Lei

ৱেক্ ক্‌ম্‌ি Bৱ্‌Aৱbqwi s Zi ৱশ্‌Z̄ Ki vi gva'ḡ AvšRৱZK DbḡY eৱxKi Y
Avenvl qv cwi eZḡbi Rb̄ 16ৱU Dbḡbkxj t̄ k Avḡi v Mi xe nḡe
Mḡgi ৱৱZKvi K UG-99 cḡZḡi va Ki vi Rb̄ bZb cvUbv i kxc

AৱidKv GKৱmqr MৱQ gৱU i cḡó eৱx Kḡi

Avḡgwi Kv Kj ৱḡḡvi Rvbḡj ói v gৱV ৱRGg km̄ cwi `kY Kḡi t̄ LḡQ
gৱBḡKvḡRb exR tKvḡvbx 2010 mḡj i gḡa 14ৱU bZb Mycogen SmartStax km̄ tei Ki ḡe

Gৱkqv I cḡkḡš- Pxtb AZx kxNB ৱRGg avb AvmḡQ
gnvmvMi xq AAj evsj vḡ t̄k ৱRGg Lv̄ ৱbi vcEvi AvBb Pḡvš-Kḡi t̄Q
Japan-Embrapa ৱi v I Zvc cḡZḡi va mḡubৱRGg mqrweb ḡZi x Ki ḡe

BDḡi vc MicroRNAS dj̄ ḡZi x ৱbqšY Kḡi
UK 10 ৱgৱj qb cvDÜ `vb Ki t̄Q evḡqmḡqY Z̄ eৱxi Rb̄

Mḡel Yv

GKৱU t̄bvḡfj ৱRb avḡb gvi vZḡK evḡ ti vḡMi ৱei t̄x ḡvqx cḡZḡi va Mḡo Zj ḡe
ৱRGg km̄ t̄t̄K Heart Friendly ḡZj

ৱe ৱi Z

Lei t ৱেক্

kḡm̄i Bৱ্‌Aৱbqwi s Zi ৱশ্‌Z̄ Ki vi gva'ḡ AvšRৱZK DbḡY eৱxKi Y

kḡm̄i evḡqvBৱ্‌Aৱbqwi s Gi gva'ḡ kḡm̄i Dbḡt̄bi c_ Avḡi v teik Dbḡḡ nq| Zte, GৱU ৱbFḡ Kḡi , ৱKfvte ৱেক্‌vcx
`eAৱbK gnj , mৱavi Y gvbj Ges cḡBḡfU tm̄±i Zv̄ i kৱ³ cḡqvm Kḡi ৱRḡbৱgK Ges evḡqvBbd i ḡgৱU -G|

More information: Email (Peter Gregory) : pg46@cornell.edu

Avenvl qv cwi eZḡbi Rb̄ 16ৱU Dbḡbkxj t̄ k Avḡi v Mi xe nḡe

Noah Deffenbaugh Gi Purdue's Climate Change Research Center ga'eZḡcwi Pj K etj t̄Qb Mḡel Yvq t̄ Lv ৱMḡt̄Q,
ৱেক্‌vcx Zvcḡḡ v eৱxi Rb̄ ৱi v eৱx cḡḡe Ges At̄bK Gj vKvq eb̄v ৱbgৱḡ4Z nḡe| GLvḡb GK` j 20th Century Gi t̄kḡi i
ৱ`ḡKi Ges 21th Century Gi t̄kḡi i ৱ`ḡKi Z̄ m̄sMḡh Kḡi t̄Q Ges km̄ Drcv`ḡbi Dci cḡfve t̄ t̄LḡQ| GLvḡb 16ৱU Dbḡbkxj
t̄ t̄ki Dci Mḡel Yv Ki vnt̄q̄Q Ges evsj vḡ k, ḡgৱ t̄Kv, Rৱḡḡvq AvZ ৱi vi Rb̄ Avḡi v teik Mi xe gvbj eৱx cḡḡe|

More Details: <http://news.uns.purdue.edu/x/2009b/090820DiffenbaughHertel.html>

Mḡgi ৱৱZKvi K UG-99 cḡZḡi va Ki vi Rb̄ bZb cvUbv i kxc

Mḡgi ৱৱZKvi i vó ti ৱ ৱেক্‌vcx e'vcK ৱৱZbv_i eti | GৱU DMৱUv t̄t̄K cḡg Aৱe®KZ nq GB Rb̄ bvg UG99| GB
AmjLৱU dvbMvm Puccinia graminis Rb̄ nq Ges eZḡvḡb ga` GৱkqvZi ৱৱZ mৱab Ki t̄Q| eZḡvḡb Syngenta Foundation
for Sustainable Agriculture (SFA) and International Maize and Wheat Improvement Center (CIMMYT)
GKmḡ_ KৱR Kḡi | Mḡgi ti ৱmmUḡvU cḡRbḡbi Rb̄ gৱKḡ m̄bv³ Ki ḡe Ges GB gৱKḡ mৱavi Y gvbj i Kḡt̄Q tcḡQḡe|

Press Release: <http://www.syngentafoundation.org/db/1/821.pdf>

Leit AvndKv

GKvmmqv MvQ gwUj cjo epx Kti

World Congress of Agroforestry Gi w0Zxq mt=ej tb **Dennis Garrity of ICRAF** Gi gnvcwi Puj K etj t0b mivK -vib mivK MvQ j vMvbtv| eZ0vbtv| Avenvl qv cwi eZfb DKZ nte Ges Avti v teik gvbj tK Lvl qvbtv m=é ntel| AvKmmqv MvQ gwUj Rb LpB DcKvi x, G,tj v gjp Re bvbU0tRb Ave x Ki tZ cvti GtZ i vmvqwbK mvti i Dci wbfPkj Zv Ktg Avtm|

Report: <http://www.worldagroforestry.org/af/index.php>

Leit Avtgwi Kv

Kj w=Qvi Rvb0j oi v gvV wRGg km cwi kY Kti t LtQ

The Agricultural Plant Biotechnology Association (Agro-Bio) and Institute of Biotechnology Kj w=Qvi tgUv c0 tk mvsew Kti i Abc0ek Ki vi Avt k w tqt0b| GZ Kti mvsew Ki v G,tj v cwi k0 Kti gvbj tK weU km Pvt i Rb Avti v msM0 m=Ávi Ki vi tP0v Ki tQ|

Full Story: http://www.agrobio.org/index.php?option=com_content&task=view&id=7505&Itemid=25

gvBtKvRb exR tKv=úvbx 2010 mvtj i gta 14w bZb **Mycogen SmartStax** km tei Ki te

GKwU msev weÁwBtZ **Mycogen Seeds** 12w **grain corn hybrids** Ges BwU **Mycogen** Gi wetkl **Brand Silage Specific corn hybrids** tei Ki te| GB nvBweW,tj v teik cwi gvbt Bbtm± c0Zti va Ki tZ cvti | G,tj v c0ZK tgsmtg tcvKvgvKo c0Zti va Ki vi 0lgZv_vKte Ges Drcv b gv vl teik ntel|

Release: <http://www.dowagro.com/mycogen/resource/newsreleases/20090826a.htm>

Leit GwKqv I c0kvs-gnvmvMi xq AAj

Pxtb AZx kxNB wRGg avb AvmtQ

wRGg avb Pxtb Lv Zwj Kvq AZx kxNB mshp ntQ| Pxtb UYtRwbK avtbi Rb Mtel Yv Pj tQ GeO G,tj v embwRwKKi YI Ki te|

Full Article: http://www.chinadaily.com.cn/china/2009-08/25/content_8611098.htm

evsj vt tK wRGg Lv wbi vcEvi AvBb PovS-Kti tQ

Bw b hver t+Ktnvj Úvti i wgwUs Gi gva tg evsj vt tK wRGg Lv wbi vcEvi AvBb PovS-Kti tQ **Mr. CQK Mustaq Ahmed** evsj vt tK Ki gšYvj tqi mipe etj t0b evsj vt tK Lv I cjo wbi vcEvi Rb tRtbiUK BwÁwbqwi s Gi gva tg Pxi meR wef e Ki te| GB wgwUs wU GK BmstM **Bangladesh Agricultural Research Council (BARC) South Asia Biosafety Program (SABP)** Gi gva tg m=úbwtqtQ| G K_v etj t0b **Dr. Wais Kabir, Executive Chairman, BARIC**|

More Information Email (Prof. Dr. K.M. Nasiruddin): nasirbiotech@yahoo.com.

Japan-Embrapa 0ji v I Zvc c0Zti va m=úbwRGg mqvweb ^Zi x Ki te

Japan International Research Center for Agricultural Sciences (JIRCAS)- Japan International Cooperation Agency (JICA) and Japan Science Technology (JST) EMPRAPA, Soja Gi mvt_ 0ji v I D"P Zvc c0Zti va m=úbe tmvqvweb Drcv b Ki vi e'vcvti wgwUs Kti tQ| GLvtb cvP eQi Mtel Yvq wK wK KvR Ki v nte Ges GLvtb wK wK mel q Dtg L_vKte tm,tj v Avtj vPbv Ki v ntel|

Report in Portuguese: http://www.cnpso.embrapa.br/noticia/ver_noticia.php?cod_noticia=572

Leit BDti vc

MicroRNAs dj ^Zi x w bqšY Kti

Max Planck Institute for Developmental Biology in Tübingen Developmental Biologists i v Awe0vi Kti tQ| Av i weWcm tmi dj ^Zi x-SPL t0wUb M0c 0vi v w bqšZ nq Ges G,tj v Avevi **MicroRNA** 0vi v w bqšZ nq| **MicroRNA** GKwU Lp t0vU **RNA** G,tj v , i "ZcY0bqšK wntmte KvR Kti Ges MvQ I ci i wRb,tj vtK mivK fite w bqšY mrvh Kti |

Report: <http://www.mpg.de/english/illustrationsDocumentation/documentation/pressReleases/2009/pressRelease20090817/index.html>

UK 10 million qb cvDÜ `vb K i tQ evtqvmvqY Z_` eixi Rb`

The European Molecular Biology Laboratory's European Bioinformatics Institute (EMBL-EBL) K'vgnētRi wñDótbī KvtQ UK Gi **Biotechnology and Biological Research Council** Gi KvQ t_†K 10 iḡwīj qb cvDÜ Abj vb tctqtQ hvZ **Biological Data** msMñ I e`envi mnR nq|

More Information: http://www.bbsrc.ac.uk/media/releases/2009/090825_uk_leads_european_research_with_10million_investment.html and <http://www.genomeweb.com/informatics/ebi-lands-143m-uks-bbsrc-support-elixir-projects-it-infrastructure>

Mtel Yv

GKwU tbtv†fj wRb avtb gvi vZjK evó ti v†Mi wei †x `vqx cñZ†i va Mto Zj †e

Rvcv†bi weÁvbxī v GKwU wRb mbv³ K†i tQ| tmwU av†bi ¶wZKvi evó ti v†Mi wei †x cñZ†i va Mto Zj †e|

Continue reading the article: http://www.isaaa.org/kc/cropbiotechupdate/researchfeatures/default.html#Novel_Gene_Promises_Durable_Resistance_Against_the_Dreaded_Rice_Blast.htm

wRGg km` t_†K Heart Friendly ^Zj

weirFbdMtel Yvi gva†tg † Lv wM†qtQ th, **Omega-3 fatty acids cardiovascular AmJ_ Kgvq Ges X-Syndrome** †i v†Mi I DcKv†i Av†m| wKŠ' **Omega-3 Fatty cñvbZ Eicosapentaenoic Acid and Docosahexanoic Acid** Ges G_†j v **Sardines, Mackenel and Salman Fish** cvl qv hvq|| **Rothamsted Research and University of York in the UK** U†Y†RwbK A`vi weWcwm GeO wj bwmW Mv†Q **Omega-3 Fatty GwmW ^Zi x Ki vi wRb cñek Kwi †qtQ|**

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