



বায়োটেক ফসলের বর্তমান অবস্থা

“ISAAA Gi dmj `Re chij i nek;Ávb tK` aKZK.i wPZ
Dbqokij t`tki Kwl.-%Re chij D`metbi nek;ciw w`wZi mvi vsk”
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জুন ২০, ২০১১ ইং

শিরোনাম

খবর	বিশ্ব	Stanford Gi cwi tekwe` iv etj tQb 20 eQtii gta` M`S`Kvtj AwaK Mig cotē
	আফ্রিকা	`w`j b AwcdKvi Kwl BDwbq b AwcdKvi Dbq`bi Rb` GM ktm`i c`f` mg` c`vb Kti tQ :-tBMv Nvm t`tK km` Drcv` tbi q`wZ i q`vi Rb` AwcdKvq mw`sjj Z Mtel bv DMvÚtZ GM Kj vi cix`q`vj K Pvl
	আমেরিকা	bZb chij` Mh`bi Rb` K.I.Kt` i Networks c`lqvRb weÁvbxiv GLb w`exRc`x Dv`w` i Avtj vK mste` bkaj Zvi c`fve t` tL tQ
	এশিয়া ও প্রশান্তমহাসাগরীয় অঞ্চল	Bt` v`tkqv i mi Kvi x Awcdm Ges K.I.Kiv wgtj evtqvÚtKi Dci ms`q`j Avtj vPbv Ki tQ South-South Cooperation Ges Gnkqv i evtqvÚK
	ইউরোপ	q`iv c`Zi va m`ub`Avj j Dbq`bi Rb` c`K i weÁvbxiv Farms G E. Coli Gi Drm tL vRvi tPóv Ki tQ
	গবেষণা	tKubqv tZ w`wJ f`vi Stem borer w`K fite` gb Kiv hvq weÁvbxiv Zv cix`q`vj Kti t` tL tQ

বিস্তারিত

খবর: বিশ্ব

Stanford Gi cwi tekwe` iv etj tQb 20 eQtii gta` M`S`Kvtj AwaK Mig cotē
 Stanford wek`e` vj`qi Mtel K` j Mtel bv Kti t` tL tQ, hw` w`MbnvDR M`vm w`Mg`b bv Kti cieZx`20 t` tK 60 ermti i
 gta` Avtj v teuk Mig cotē | GB Mtel bvi c`vb Noatak Deffenbaugh etj tQb teuk i f`wM AÁj B Lp` `Z Mig ntq
 DVte Ges Aí Mi tgl A`bK Mig nte | GtZ Kti gvbt i `v`, Kwl Drcv` b Ges Rxe w`wP` Zvi A`bK mgm`v nte |
 Full article: <http://news.stanford.edu/news/2011/june/permanent-hotter-summers-060611.html>

খবর: আফ্রিকা

`w`j b AwcdKvi Kwl BDwbq b AwcdKvi Dbq`bi Rb` GM ktm`i c`f` mg` c`vb Kti tQ
 Southern African Confederation of Agricultural Unions (SACAU) Gi msNwZ nI qvi c`te`14 wJ RvZxq Kwl BDwbq`bi
 GES Common Market for Eastern and Southern Africa (COMESA), Southern Africa Development Community
 (SADC), Alliance for a Green Revelation in Africa and AfricaBio Gi m`m`Mb` vi x` Zv` t`xKi Y Ges q`jav w`bg`j i Rb`
 GM ktm`i Abtgv` b t` qvi K_v etj tQb |
 News release: <http://www.sacau.org/>

:-tBMv Nvm t`tK km` Drcv` tbi q`wZ i q`vi Rb` AwcdKvq mw`sjj Z Mtel bv
 International Institute of Tropical Agriculture (IITA), African Agricultural Technology Formation (AATF),
 International Maize and Wheat Improvement Center (CIMMYT) and BASF wgtj GKmt`½ Bill and Melinda Gates
 Foundation Gi mn`thwMvZvq Parasitic Weed Striga t`tK f`w` Ges mix RvZxq km` i q`vi Rb` Mtel bv Kite | ce`Zx`
 c` t`q`c thgb- w`ovbxi gva`tg Nvm` gb l e`v`vni Kite |
 More details: <http://www.basf.com/group/pressrelease/P-11-299>

DMVÜvZ GM Kji vi cixŋvŋj K Pvl

National Banana Research Program, Kampala Gi weÁvbxiv tiVM cŰZti va m=úbeGM Kji vi cixŋvŋj K Pvl Kite| *Xanthomonas musacearum* Kji vi wilt tiVM `Zix Kti GtZ Zvi m=úYKj v MvQB bó ntq hvq| GB cixŋvŋj K Pvl i ci wevfbe`vfb `ß ermŋi i Rb` Multi-location field trial Kite|

Full article: <http://www.nature.com/nbt/journal/v29/n6/full/nbt0611-472.html>

খবরঃ আমেরিকা

bZb cŋy³ Mŋtbi Rb` K.I.Kt` i Networks cŰqvRb

Dbqbkj t`tki Kwl Dbqŋbi bZb cŋy³ Mŋtbi Rb` `vbxq K.I.Kt` i mvgwRK Ges A_ŋwZK tBUl qvŋKi cŰqvRb hvZ K.I.Kiv cŋy³ m=úŋK`avi bv cvq| teŋki fVM gvb| B gtb Kti weÁvbx` i bZb cŋy³ i Mtelbv djvdj mivmwi K.I.Kt` i KvŋQ tcŋQ hvq| wKS` GUV mZ` bq, G wltqi Dci we`wi Z` Ellen McCullough, Proceeding of the National Academy of Science (PNAS) G cŰvk KtiŋQ|

Stanford's press release: <http://news.stanford.edu/news/2011/june/understanding-farmer-networks-060211.html>

weÁvbxiv GLb wŋxRcŋx Dv`ŋt` i Avtj vK mste` bkj Zvi cŋve t` tLŋQ

Mtel Kiv thfŋte Avtj vK mste` bkj Zv cixŋv Kti t` tLŋQb, Purdue wekŋe`vj tqi MtelK Angus Murphy Ges Zvi mnŋhvMiv Avtj vK mste` bkj Zv GKUz wfbŋte t` Lvi Rb` tPŋv KiŋQb| thŋZi GKexRcŋx Dv`ŋt` i Dci AŋbK Mtelbv ntqŋQ GLb wŋxRcŋx Dv`ŋt` i Dci t` Lŋte Zv cixŋv Kti t` Lŋte| GB Rb` Zviv Avivewcwm MŋQi Dci Mtelv KiŋQb| wKfvŋte AwKb niŋgvb MŋQ kxl`gŋj we`vi Kti `vŋK tŋ wltq| Zviv Mtelbv Kite|

More details: <http://www.purdue.edu/newsroom/research/2011/110608MurphyDarwin.html>

খবরঃ এশিয়া ও প্রশান্ত মহাসাগরীয় অঞ্চল

Bt` vŋbŋqv mi Kvix Avdm Ges K.I.Kiv wŋtj evŋqvŋŋKi Dci msvŋŋB Avtj vPbv KiŋQ

Bt` vŋbŋqv Banjarnegara and Wonosobo cŰŋk MZ 25 tŋ 2011 Zwi tL AbjŋZ "The Role of Biotech in Potato Breeding and its Regulations in Indonesia" kxl` Kgrvŋvq Bt` vŋbŋqv mi Kvix KgrZŋ Kgrvix Ges K.I.Kiv wŋtj wKfvŋte evŋqvŋŋKtŋvŋ wR e`venvi Kti, Avj j cRRbb evx` Kiv hvq Zv wŋtq Avtj vPbv KiŋQ| Agril bureau of Wonosobo Gi cŋvb Ir. Suharso Kwl AMMwZ m=úŋK`Dŋj t` KtiŋQb Ges etjŋQb GLvŋ Avj j Lŋ teŋk fŋj Drcv`b nq hvi Rb` cŰqvRb GLvbKvi K.I.Kt` i GB bZb cŋy³ m=úŋK`DrmwvZ Kiv hvZ Zviv Zv` i Avq Ges Drcv`b Avtj evx` KiŋZ cvŋi | wZvb wekŋm Kti b th, evŋqvŋŋKtŋvŋ wR AwK ŋwZKiv Avj j Late blight tiVM `gb KiŋZ mivh` Kite| Indonesian Vegetables Res. Inst. (NRI) t` tK Mrs Euis Suryaningsih Widjaja cwi tekevŋe fvŋte Late blight tiVM wKfvŋte cŰZti va Kiv hvq, Zv wŋtq| Avtj vPbv KiŋQ| Bt` vŋbŋqvŋŋ Avj j cRbŋbi Rb` 44w Kwl Avdm t` tK GwJB cŰg Avtj vPbv|

More info on workshop & biotech in Indonesia, contact Dewi Suryani: dewisuryani@biotrop.org

South-South Cooperation Ges Gŋkqvi evŋqvŋŋK

Gŋkqvi Dbqbkj t`tki Rb` evŋqvŋŋKtŋvŋ wR cŰqvRb Ges Kvhŋvix Kivi Rb`l `iKvi wexo chŋeŋb| mŋz l my` i fvŋte Dbqvb NUvŋ Dbqbkj t` k_s` tŋv evŋqvŋŋKtŋvŋ wRi h_vh_ cŰqvM Kti Dbqvb NUvŋZ mŋŋg nŋe| "Contours of South-South Cooperation and Biotechnology in Asia" bgK GKw Avtj vPbvŋj K Abŋvŋb GB e³ Zv cŰvb Kiv ntqŋQ | Dbqbkj t` tk Rb` evŋqvŋŋKtŋvŋ wR wKfvŋte cŰqvM Kiv hvq Gi Rb` wKQyc` tŋŋci cŰqvRb| thgb-

- t`tki cŰqvRb Abŋvŋx cŋy³ wbaŋ b Kiv cŰqvRb|
- gvbŋli m=úŋt` i cwi gvb Abŋvŋx wŋbŋqvM Kiv `i Kvi |
- Dbqbkj t` tk evŋqvŋŋKtŋvŋ wRi Dci Innovation Survey cŰqvRb
- Avenl qv cwi eZŋbi mŋt` msvwZ t` tL Kwl Ges Lv` wivcEvi tŋŋt` evŋqvŋŋKtŋvŋ wRi cŰqvMi `i Kvi

Check out <http://www.ris.org.in/> for related policy issues.

খবরঃ ইউরোপ

ŋiv cŰZti va m=úbeAvj j Dbqŋbi Rb` cŰKí

Max Planck Inst for Mol. Plant Physiol. in Golm, Julius Kuehn Inst., Inst. of Resistance Res. & Stress Tolerance in Great Lüsewitz, Ludwig-Maximilian Univ. in Munich, the Chamber of Agric. of Lower Saxony wŋtj GKw cŰKí i gva`tg ŋiv cŰZti va m=úbeAvj j Dbqŋb Kite| eZŋvŋbi wŋw Avevnl qvi Kiv tŋ evŋcvŋZi mgq e`tj wŋtqŋQ Ges teŋki fVM mgqB i Ktŋv `vŋK GB Rb` BDŋi vŋc Avj j Pvl wŋtq GKUz mgm`vq AvQ| GB cŰKí i gva`tg Zviv ŋiv cŰZti va m=úbe RvZ `Zixi Rb` Molecular Marker mŋv³ Kite hvZ teŋk ÷vŋmgx Ges ŋiv cŰZti va hv³ Avj yDrcv`b m=ŋ nq|

Article can be seen in German: <http://www.gruenevernunft.de/node/1129>

মেÁvbxiv Farms G E. Coli Gi Drm tLvRvi tPón Ki tQ

newfbcñZòvbi gwj Kiv wKfvte E. Coli ðiv Avµg nj Zv tLvRvi tPón Ki tQ| hvi gva'tg, 22 Rb gvb| gvi wMtqtQ Ges 2,100 gvb| Avµvš-ntqtQ| Rvgðb mi Kvi eZgvtb UtgtUv, tj Um, kmv Ges A¼mi Z exR Lvl qvi Dci mZKZv Rvix Kti tQ| wKš' me meiwR t_ tK GB E. Coli cvl qv hvqvb| William Marler, Seattle-based food poisoning Gi A'vUvb D'tj E Kti tQ exR A¼tiv` Mtgi dvgeGKwU DEg gva'g thLvtb E. Coli eskew Kti | Kvi b A¼tiv` Mtgi Rb Ges E. Coli Gi esk ewxi Rb GKB ZvcgvIv (100⁰F) cðqvRb nq| 20 ermi ce^ot_ tKB A¼mi Z dvge^ot_ tK 30 wU E. Coli and Salmonella Avµgtbi BwZnm AvtQ| gvI 50 wU E. Coli e'vtKtUwi qv Dcw'Z_ vKtj B Zv gvb| tK tgti tdj vi Rb ht_ó| wKQyStrain wlv³ c`v_ Drcv b Kti hv kixti i newfbcñZòvbi ms`vtK Avµgtbi gva'tg Avµvš-Kti |

Read the complete story: <http://www.scientificamerican.com/article.cfm?id=sprouts-cucumbers-ecoli-outbreak>

খবর: গবেষণা

†Kwbqv tZ weU fÁvi Stem borer wKfvte `gb Kiv hvq weÁvbxiv Zv cix¶v Kti t` tL tQ

wi tcvU^oAbhvqx Stem Borer (*Chilo Partellus*) †Kwbqv tZ 400,000 tgvwK Ub fju ask Kti hv †Kwbqv evrmi K 13.5% Drcv` tbi mgvb| K.I.Kiv Stem Borer `gb Kivi Rb` *Bacillus thuringiensis* (Bt) Maze e'vveni Kti tQ| Mwimali Murenga of Kenya Agricultural Research Institute, `BwU weU fÁvi mwii (Events 216 and 223) `BwU bb-weU fÁvi inbred line (CMLI44and CMLI59) Gi mv t_ Cross Kti cieZcRtbt† Stem Borer cñZtvtai gvIv t` tL tQ| cix¶vq t` Lv wMqv tQ bb-weU j vB tbi Zj bvB weU j vB tbi Stem Borer ðiv Kg Avµvš-nt`Q G tZ tevSv hvq th *CryIAB* wRbU Mendelian Segregation ðiv eskvbwgK fvte hvq|

Research paper: <http://www.academicjournals.org/AJB/PDF/pdf211/1JunConf/Murenga%20et%20al.pdf>

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

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www.bdbic.org: বাংলাদেশ বায়োটেকনোলজি তথা কেশু কৃষক সর্বদেয় আন্দোলনের মানা ওয়েব

www.isaaa.org: ISAAA দশকে সকল তদা. Crop Biotech Update: বায়োটেক ফসলের বিপু পরিষ্কৃতির ওয়েব

www.agbios.com: কৃষি বায়োটেকনোলজির ওয়েব

bdbic@googlegroups.com: বাংলাদেশ বায়োটেকনোলজি তথা কেশু কৃষক সর্বদেয় আন্দোলনের মানা গ্রুপ পেইজ

info@isaaa.org: ISAAA এর সেকোন তদা বা প্রকাশনার মানা