



# evtqvttUK dmtj i eZgvb Ae-v

"ISAAA Gi dmj `Re chj<sup>3</sup> i nek! Avb tK` `KZR i wPZ Dbqbkxj  
t`tki Kw -%Re chj<sup>3</sup> D<sup>TM</sup>etbi nek! cwi w`wzi mivsk"

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Rj vB 27, 2012 Bs

wkt i vbg	
Lei	nek! gReZ Kw Mtel Yvi Rb` <b>FAO-CGIAR</b> GKmt½ KvR Ki te
AwdKv	cvP eQt i gta` DMvUtZ wRGg Kj v
Avtgwi Kv	CIP MvtQi fvBivm `gb Kivi Rb` <b>RNA silencing code</b> mbr <sup>3</sup> Kivi tPov Ki tQ Nematode Resistance Breeding Gi Rb` <b>Molecular Marker</b>
Gukqv I ckršgnvMi xq AÅj	fvi tzi ivotavb `vix` I qjav wbgp Kivi K_v etj tQb eivj vt`k <b>Ug99 Tolerant wheat variety</b> t`tk j vfevb nte
BDti vc	Abjug cxwzi gva`tg MvtQi wRtbig m`utK`Fvj fite Rivr
Mtel Yv	<b>Insect resistant/herbicide tolerant tobacco</b> tZ <b>Fusion gene transformation</b>

## wewi Z

**nek!**  
gReZ Kw Mtel Yvi Rb` **FAO-CGIAR** GKmt½ KvR Ki te  
Food and Agriculture Organization (FAO) of the United Nation and the Consultative Group of International Agricultural Research (CGIAR) `BwJ cãZovb wbfPthvM` Kw I Lv` wdivcEvi Rb` 12B Rj vB GKwJ mnthvM` Pm<sup>3</sup>tZ mB Kti tQ| GLvtb FAO Gi cãvb I CGIAR G cãvb Dcw`Z wQj |  
View the original article at <http://www.fao.org/news/story/en/item/151733/icode/>

**AwdKv**  
cvP eQt i gta` DMvUtZ wRGg Kj v  
wKQw` tbi gta` DMvUtZ wFwvG G mgx Kj v Avmte| GKwJ cãZte` tb t` Lv wMtqtQ DMvUtZ 52% wki wFwvG G mgm`vq tftvM| AvBi tbi Kvi tb 40% gZi w`tk G\_ t`Q Ges 30% Mf@Zx gwnj vi v gviv hv`t`Q| GB Kvi tb wFwvG G mgx wRGg Kj v Zvt` i DcKvti Avmte|  
View the original article at <http://www.freshfruitportal.com/2012/07/24/new-gm-banana-could-solve-ugandas-nutrition-challenges/>

**Avtgwi Kv**  
CIP MvtQi fvBivm `gb Kivi Rb` **RNA silencing code** mbr<sup>3</sup> Kivi tPov Ki tQ  
The International Potato Center (CIP) Avj j fvBivm `gb Kivi Rb` RNA silencing project nrtZ wbtqtQ| Zviv RNA silencing code t`tl RNA cwi eZB Kite Ges Lp mnR cxwz tZ MvtK fvBivm gy<sup>3</sup> Kite| eZgvtb fvBivm `gb Kivi Rb` thme cxwz e`envi Kiv nq Zv mgq mvtc`I` I e`qeu j | MvtQ hv` Small RNA e`envi Kti fvBivm `gb Kiv nq Zte mnR nte Ges LiPI Kgte|  
CIP news at <http://cipotato.org/press-room/press-releases/cip-scientists-hope-to-crack-the-rna-silencing-code-to-stamp-out-plant-viruses>

## Nematode Resistance Breeding Gi Rb<sup>3</sup>Molecular Marker

Molecular Marker e'envi Kti US Department of Agriculture Gi weAvbxi v Zj vi Root Knot Nematode Gi Resistance wRb LpR tctqtQ| GB Cotton Pest t jv cRbtb 200 eQi ati evav w t'Q Kvi Y Gi Resistance nq AfbK wRb 0viv| GuW cAzti va Kiv mgq mvtcqI | e'qeu j | GB Kvi tb Agency's Genetics and Precision Agricultural Research Unit in Mississippi Gi Plant Geneticists Root Knot Nematode resistance Gi Rb<sup>3</sup> genetic marker LpqtQ|

Read the original news at <http://www.ars.usda.gov/News/docs.htm?docid=1261>

## Gukqv I ckvš-gnmvMi xq AAj

fvi tZi ivoc'arb `vix` aI Qlav wbgf Kivi K\_v etj tQb

Dr. Pranab Mukherjee fvi tZi 13 Zg ivoc'arb wbePZ ntqtQb, wZwb National Mission wntmte `wi` aI Qlavi Awfkvc t\_tK evPvi Rb` etj tQb | wZwb Avti v etj tQb Qlav nt'Q gi vZK Awfkvc |

A copy of the acceptance speech of the President of India is available at <http://presidentofindia.nic.in/>

## evsj vt` k Ug99 Tolerant wheat variety t\_tK j vfevb nte

The International Maize and Wheat Improvement Center (CIMMYT) evsj vt` tk Francolin bvtgi Stem Rust cAzti va m'uboeRvZ wbtq GtmqtQ| Bangladesh Agricultural Research Institute Gi mnthvMxZvq CIMMYT GB RvZ wbtq GtmqtQ| GB bZb RvZ evsj vt` tki Hashi Gi mv\_t Combined Kiv ntqtQ, 2013 mvj t\_tK Harvest Kiv nte|

For more news about crop biotechnology email Dr. Khondoker Nasiruddin of the Bangladesh Biotechnology Information Center at [nasirbiotech@yahoo.com](mailto:nasirbiotech@yahoo.com)

## BDti vc

Abjug c'wZi gva'tg MvtQi wRtbig m'utK'fvj fvte Rvbw

University of Dundee and James Hutton Institute (JHI) Gi Mtel Kiv c'ig A'vi weWcimm Gi wRtbig Abjug Kti wQj | Biotechnology and Biological Sciences Research Council me'Qg t' tLwQj wKfvte GB Mtel Yv Kti wQj Dr. Gordon Simpsen and Professor Geoff Barton at Dundee t\_tK wZwb D'j t- Kti tQb th, gvb| GLtbv RNA tK c'ig DNA tZ cwi bZ Kti Sequencing Kti tbq| GB c'wZtZ fj \_vKtZ cvti | GLb GB mg`- `dv ev` w' t'q mi vmi RNA Sequencing Kivi Rb` c` t'q c' wbt'Q| GtZ GKw wRb tKv\_vq tkl n'Q Zv t' Lv nt'Q Ges tKvti i AvPi Y m'utK'Rvbw hv't'Q|

The news release from the University of Dundee is available at <http://www.dundee.ac.uk/pressreleases/2012/july12/plantgenomes.htm>

## Mtel Yv

### Insect resistant/herbicide tolerant tobacco tZ Fusion gene transformation

Transgenic Crops Gi Rb` Multiple Gene c'ek Kiv t'vi Rb` Linker Peptide e'envi Kiv nq| Chinese Academy of Agricultural Sciences (CAAS) Gi He Sun Gis Zvi mnthvMx 2A and LP4/2A linker peptides e'envi Kti tQ [insect resistance](#) protein (Bt Cry1Ah) and [glyphosate tolerance](#) protein (mG2-EPSPS) c'kvk Kiv ntqtQ| GB `j Pvi w fusion vectors (pHAG, pHLAG, pGAH and pGLAH) %Zix Kti tQ Ges *Agrobacterium tumefaciens*-mediated c'wZti gva'tg transfer Kti tQ|

The research article is available at <http://www.springerlink.com/content/a2k20v6117301142/>

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

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[www.bdbic.org](http://www.bdbic.org): বাংলাদেশ বায়ো-টেকনোলজি তথ্য কেন্দ্র কলকাতা সরকারের আর্থিক সহায়তায়

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

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