



# evtqvttUK dmtj i eZgvb Ae-v

“ISAAA Gi dmtj Re chj<sup>3</sup> i nek! Avb tK<sup>3</sup> KZK i wPZ Dbqbkxj  
t tki Kwl -%Re chj<sup>3</sup> D<sup>TM</sup>etbi nek! cwi w<sup>-</sup>zi mivsk”

[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)



AvMó 29, 2012 Bs

## wti vbvq

<b>Lei</b>	<b>AwdKv</b> + AwdKvi Awfbe D <sup>TM</sup> weZ avb “AIDS of Rice” AIDS cZtva mflg
<b>Avtgwi Kv</b>	+ KvbwWqvb miKvi A_%bwZK mvdjt i Rb <sup>3</sup> mqwetbi Dci webtqM Ki tQ + Iowa State nekje <sup>3</sup> vj q, Rosetta Green Partner- Nematode cZtvaK MvtQi RvZ D <sup>TM</sup> eb Kti tQ + Mtel Kiv Ggb e <sup>3</sup> vtUvi qv Awe <sup>3</sup> vi Kti tQ hv MvtQi tivM cZtva flgZv evovq
<b>Gukqv I ckvsgnmMi xq AAj</b>	+ IRRI eb <sup>3</sup> Kenj Z fvtZ avb exR mieivn Kti tQ + MoNRE, wRGgl Gi Rxe wbi vEv mb <sup>3</sup> exgv cbvj xi Dci AwfgZ wbt <sup>3</sup> Q
<b>Mtel Yv</b>	+ weAvbxi v Western Corn Rootworm tK wewJ fEvi mvt <sup>3</sup> Lvc Lvl qvtbvi Rb <sup>3</sup> Mtel Yv Ki tQ

## we<sup>-</sup>wi Z

**AwdKv**  
 AwdKvi Awfbe D<sup>TM</sup>weZ avb “AIDS of Rice” cZtva mflg  
 Africa Rice Center KtqK cRwzi avb Qvot Ges Avkv Kiv hv<sup>3</sup>Q “Aids of Rice” cZtva mflg nte | “Aids of Rice” artbi tivMti tfl<sup>3</sup> GKwU cPvj Z AvAvj K ka hv Rice yellow mottle virus (RYMU) btg cwi wPZ | tgvRwK t tki GKwU cRwzi Awe<sup>3</sup>vi Kiv ntqtQ hv RYMU cZtvaK | AwdKvi avb Mtel Kiv RYMU cZtvaK Dbz Rvtzi avb ntZ gwj Kji vi cRbb cxwz e<sup>3</sup>envi Kti Genetic cZtvaK wRb wPyZ I g<sup>3</sup>vc Ktib Ges cwog AwdKvtZ wqwsZ cwi tetk Virus isolate Gi gva<sup>3</sup>tg evQvB Kti Dbz Rvtzi avb evQvB Kti tQb | GB cixflwU Pvj vtbv ntqtQ wv<sup>3</sup> t tki eu RvqMvq<sup>3</sup> e<sup>3</sup>wpT<sup>3</sup>gq cKwZK kbxi RYMU cZtvaK wKbv Zv wvowZ nl qvi Rb<sup>3</sup> |  
 See the original article at <http://africarice.blogspot.com/2012/08/breakthrough-in-resistance-to-aids-of.html>

**Avtgwi Kv**  
 KvbwWqvb miKvi A\_%bwZK mvdjt i Rb<sup>3</sup> mqwetbi Dci webtqM Ki tQ  
 KvbwWqvb miKvi mqweb wki tK 400,000 Wj vi webtqM Ki tQ bZb cRwzi mqweb D<sup>TM</sup>etbi Rb<sup>3</sup> hv Rvcwb MthK<sup>3</sup> i Pwn<sup>3</sup> v Ges<sup>3</sup> v<sup>3</sup> flUvB cty mflg nte | Parliamentary Secretary Minister of Agriculture Pierre Lemieux etj tQb Zvt i miKvi A\_%bwZK I D<sup>TM</sup>ebkxj webtqM<sup>3</sup> i “Zcy<sup>3</sup>fwgKv cvj b Kite hv Kwl Drcv<sup>3</sup> t bZb<sup>3</sup> v i DtbwPb Kite | Eastern Canada Oilseeds Development Alliance (ECODA) mqwetbi cRwzi Ges mqweb ctb<sup>3</sup> i Dci GKwU cixflv Pwj tqtQ hv Rvcvtbi evRvti mqwetbi Mthbthw<sup>3</sup> Zv Ges<sup>3</sup> v<sup>3</sup>, Noy Ges AvKvi -AvKwz tKgb Zv t tL<sup>3</sup> tQ | Gtfl<sup>3</sup> t gj<sup>3</sup> vqbKvi x ntZ cvti Plant Breeder, Genomic and Bioscience Researchers, Drcv<sup>3</sup> bKvi x Ges MthKiv |  
 The original news can be viewed at <http://news.gc.ca/web/article-eng.do?nid=692009>

**Iowa State nekje<sup>3</sup> vj q, Rosetta Green Partner- Nematode cZtvaK MvtQi RvZ D<sup>TM</sup>eb Kti tQ**  
 Iowa State, Iowa Stage University Resident Foundation (ISURF) Ges BmivBji GKwU Agribiotech tKv<sup>3</sup> vbx Rosetta Green Ltd. Gi mnthw<sup>3</sup> Xvq micro RNA gene chj<sup>3</sup> e<sup>3</sup>envi Kti wKozD<sup>TM</sup> D<sup>TM</sup>etbi j tfl<sup>3</sup> GKwU Pw<sup>3</sup> v<sup>3</sup> flji ntqtQ hv Nematode resistant nte | Iowa State University Gi Mtel Kiv RwbqtQ th, Micro RNA gene- Nematode Resistant D<sup>TM</sup> D<sup>TM</sup>etb e<sup>3</sup>envi Kiv nthtQ hv Gene cwiez<sup>3</sup> bi gva<sup>3</sup>tg Djt E<sup>3</sup>thw<sup>3</sup> cwi gv<sup>3</sup> t b Nematode nwm Kti tQ tKv cKvi ivmqvbK e<sup>3</sup>envi QvovB | Rosetta Green GB MtelYvi Avtiv Dbq Ges Nematode resistant gene enbKvi x MvtQi Dci KvR Ki tQ |  
 For more information, visit [http://www.rosettagreen.com/content.asp?p=news\\_and\\_events&id=19](http://www.rosettagreen.com/content.asp?p=news_and_events&id=19)

Mtel Kiv Ggb e'vKtUwi qv Awe®vi Kti tQ hv MvtQi ti vM cZtiva flgZv evovq

Delaware University Gi Mtel Kiv gnu t\_k wKQzDcKvix e'vKtUwi qv Awe®vi Ktib hv DwM^ i ti vM mjoKvix Rxeby t\_k i flv Kite| e'vKtUwi qvi GB cZtiva c xwZUW KivR Kti cvZvi wQt^ i gva'tg| GB djvdj DwM^ i gj m=umKZ cZtiva cUqv Ges ti vM cZtiva flgZv cKwZKfvte ep x Kti Probiotics wMgtbi gva'tg| Plant Journal Gi AvMó msL'vq GB Mtel YwU cKwKZ nq hv Bacillus subtilis Ges Dw x Arabidopsis thaliana Gi gta^ m=úK^ vcb Kti |

See the University of Delaware's news release at <http://www.udel.edu/udaily/2013/aug/beneficial-soil-bacteria-082712.html>

## Gukqv I ckvš-gnmvMi xq AAj

IRRI eb^ Kewj Z fvi tZ avb exR mi ei vn Kti tQ

IRRI eb^v mnbxq Swama-sub1 RvtZi avb exR fvi tZi eb^v Kewj Z Gj vKv Avmvtgi K.I.Kt^ i c0vb Ki tQ| GB avtbi RvZUW fvi tZi DEi-ce^c0^ tk Scuba bvtg cwi wPZ| GB avtbi RvtZi wtkl 'enkó' nt^Q Giv Avbvqtk cwbi wtp c0q `B mBvn wUtk vKtZ cvti | Swama-sub1 RvtZi GB avbUw BwZgta^ fvi tZi ce^c0^ tk e'vcKfvte Lvc LvBtq wbtqtQ| wKš^ GLtbn Avmvtg Guw tcsQvqb| `B Ub Swama-sub1 RvtZi avb exR IRRI KZK Avmvtg c0vb Kiv ntqtQ hv G eQt i btf=ft-tg ev tevtiv tgsmtg Pvl Kiv nte exR Drcv^ tbi Rb| GtZ Kti Avmvtgi K.I.Kt^ i eb^ mnbxq avb Drcv^ tbi cieZ^eQt i mnvqK nte|

See IRRI's news release at [http://irri.org/index.php?option=com\\_k2&view=item&id=12268%3Aspecial-rice-gift-arrives-in-flood-ravaged-india&lang=en&utm\\_source=dlvr.it&utm\\_medium=twitter](http://irri.org/index.php?option=com_k2&view=item&id=12268%3Aspecial-rice-gift-arrives-in-flood-ravaged-india&lang=en&utm_source=dlvr.it&utm_medium=twitter)

MoNRE, wRGgl Gi Rxe wbi vcEv mb^ exgv c0vj xi Dci AwfgZ wbt^Q

wftqZbvtgi gšyvj q MoNRE wRGgl Gi Rxe wbi vcEv mb^ wltq Rbmvavi tbi AwfgZ wbt^Q G wltq Lmov weAwB Rvii Ges c0qv i (gl Kd l emvZtj i) tft^T | Lmov weAwB gtZ, i aymsL^v Ges e^w^3 hv cix flv Pvj vq wRGgl Gi Dci | wftqZbvtgi tft^T Ges Kwl gšyvj q KZK Abtgw^ Z K.I.Kt^ i gw chftqi djvdj , mxgvbn Dbqeb l Gi c0qM DcthvMx `RebivcEv mbt^ i Rb^ |

For details of the procedure, see the news in Vietnamese at <http://www.antoansinhhoc.vn/Noi-dung/Lay-y-kien-cong-chung-danh-gia-ruoi-ve-sinh-vat-bien-doi-gen/2452870>. The news is translated in English by Agbiotech Vietnam

## Mtel Yv

weAvbxi v Western Corn Rootworm tK weU fEvi mv\_ Lvc Lvl qvtbvi Rb^ Mtel Yv Ki tQ

Iowa State wekpe^ vj tqi weAvbxi Jennifer Petzold-Maxwell Ges Zvi mnthvMxiv eskMvzi cZtiva, Lv^ vfvv Ges Western Corn Rootworm Gi mv\_ Bt Maize Gi cZtivaK wRb Cry13Bb1 Gi Dci Mtel Yv Ktib| GB cix flvq c0y Ktib th, Rootworm resistant cRwZ Lp `Z nq Ges Gt^ i tetP vKvi flgZv Ab^ th tKvb cRwZi tPtq Bt Maize G teuk| Zviv G\_tjvi gta^ msKivqb NuUqt t^Lb th, eskMvZ cZtivaK wRb cKU Ges Ab^ tKvb Allele `vqv bv Avi GuvB c0yb Kti th, `Buv cRwZi gta^ tZgb tKvb cv\_ R^ tbB|

Read the abstract at <http://www.bioone.org/doi/abs/10.1603/EC11425>

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

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