



evtqvftUK dmtj i eZgvb Ae`v

“ISAAA Gi dmj `Re chj³ i nek! Avb tK` `KZR i wPZ Dbqbkxj
t` tki Kw -%Re chj³ D`veb i nek! cwi w`wzi mvisk”



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tmtp` 19, 2012 Bs

wkt i vbv	
Lei	<ul style="list-style-type: none"> AwdKv + tKibqvZ `Rechj³MZ km` Dchj³ thvMthvM gra`tg LRtQ + ZvbRwbqv `Rechj³tK `wMZ RwbqtQ
	<ul style="list-style-type: none"> Avtgwi Kv + miMvg `Rekwi³ i GKwJ km`
Gukqv I ckvšgnvMi xq AAj	<ul style="list-style-type: none"> + cwk`vb Ges Avtgwi Kvi weAvbxiv Zj vi Leaf Curl Virus (CLCV) Gi Dci GKtI Kvr KitQ + IRRI tmvbyj x avtbi Ae`vb m`utK`bZb Z` w` tqtQ + Bi vbi `všwi Kv KgRZMY Avtvi teng wRGg km` PttI i Rb` etj tQb
	<ul style="list-style-type: none"> BDt i vc + Galapagos UtgtUvtZ mv` v gwQ cZZeUK wRb cvl qv tMtQ
	<ul style="list-style-type: none"> Mtel Yv + Mtel Yv t` Lv tMtQ tcvKvKtIoi Avugb cZnZ KitZ MvQ Aej `b tLvtR + bZb wRb Dbz evK-cZZeUK Dw`c m`v KitZ cvt i

we`wi Z

AwdKv
 tKibqvZ `Rechj³MZ km` Dchj³ thvMthvM gra`tg LRtQ
 tKibqvq Pj gvb Oqwu Mtel Yv cKt i cZvbwamY GKwJ mvariY KvRix thvMthvMi c` t`c wbtqtQb | t`tk Pj gvb evtqvftUK cKt i AvfAZv, Svkmg Ges Pj gvb cKt i Rb` bZb c` t`c wbtq Avtj vPbv ntqtQ | 14B tmtp` b vBi wetZ “fvBim cZZeUK Kmvfv” wbtq Avtj vPbv ntqtQ thLvtb bZb c` t`c thvM Kivi K_v ejv ntqtQ | ISAAA Gi Africa Center hv eZgvtb tKibqvZ VIRCA cKt i mrvqZv KitQ Ges tKibqv mKj Pj gvb cKt i mvt` tQvU tQvU cKt h³ KitZ AvMhx hvZ cKt t`j v Avi I fvtjvfvte Kvr KitZ cvt i |
 For details of this news, contact Jonathan Odhong of ISAAA AfriCenter at j.odhong@isaaa.org

ZvbRwbqv `Rechj³tK `wMZ RwbqtQ
 ZvbRwbqv Kw gšyvj q Ges Gi AsMmsMVbmg eskMwZ cKSkj e`envi KitQ GtZ Kti Zvt` i exR`tjv Avi I Dbz KitZ cvte Ges tmB mg`-tivMevj vBtK wqšy KitZ cvte hviv ktm`i ep`xK cZnZ Kti | AtbK wetkIÁ Ges cZvbw cšy t`wLttQ th eskMwZ cKSkj ktm`i ep`xK ZivšZ Kti Ges AtbK t`k GB chj³ e`envi Kite | ZvbRwbqv miKvi eskMwZ cKSkj e`envt i Rb` MtelYvi DbqB Kite Ges bZb chj³ D`veb Kite hvZ Kti eskMwZ cKSkj e`envi Kiv mnR nq |
 This news is adapted from Checkbiotech.com - http://greenbio.checkbiotech.org/news/tanzania_embracing_genetic_engineering

Avtgwi Kv
 miMvg `Rekwi³ i GKwJ km`
 wgw miMvg nj Av`k`Rekwi³ m`ubekm` | GB ktm`i wQZ Amvavi b t`gZv i tqtQ thgb- i`Zv, m`v`v, ep`xi thtKvb cwi tetk Lvc Lvl qvbtvi t`gZv, Kg bvBtUttRb mvt i c`qvRbxqZv Ges D`P evtqvqvm avi Y | G mtei evBt i miMvg wPwb Drcbekt i v`K hv %ReRyj vbxZ i fcvšt` Kiv m`e | USDA Gi ARS Gi wi tcvU`ej v ntqtQ 2022 mvj chš-36 vej qb M`v b %ReRyj vbx cvl qv m`e |
 More & bioenergy research of Agricultural Research magazine at <http://www.ars.usda.gov/is/AR/archive/sep12/biofuels0912.htm#sorghum>

Gukqv I ckvš-gnvMi xq AAj
 cwk`vb Ges Avtgwi Kvi weAvbxiv Zj vi **Leaf Curl Virus (CLCV)** Gi Dci GKtI Kvr KitQ
 Avtgwi Kv Ges cwk`vbi weAvbxiv, cwk`vbi e`; l wkt gšyvj tqi mnthvM GKwJ KgRvj vi AvtqvRb Kti tQ hvZ Zj vi cvZvi Leaf Curl Virus (CLCV) mgm`vi mgra vb I Dbqbt i K_v Avtj vPbv Kiv ntqtQ | Avtgwi Kvi miKvi cwk`vbi Kw LvtZi Drcv`bkj Zv ewotZ mrvh` KitZ AvMhx, wetkI Z`wi` K.I.Kt` i | Avtgwi Kvi Kw i Mix`j wJ Zj vi gw chq cix`y cwi` k` Kti tQb Ges wi tcvU`Kti tQb Zj vi wQZvZb RvZ CLCV ti vMi cZ c`ugK cZZeUKZv t` LtQ |
 Check out this link for additional information: <http://www.pabc.com.pk/Pakistan,%20US%20Scientists%20work%20together%20to%20Destroy%20Cotton%20Leaf%20Curl%20Virus%20%28CLCV%29.html>

IRRI তমবজ x avtbi Ae`vb m`u`K`bZb Z` w` tq`Q

IRRI Gi mv`c`ZK wi`tcvU`ej v ntqtQ tmbvj x avb GLbl Dbqtbi ch`q itqtQ| Guv K.I.K Ges tfv`v` i KvQ tcstQ t`qv nte h` RvZxq w`q`S`K` i `v`v MpxZ nq Ges c`y`YZ nq th, tmbvj x avb w`fUwgb G Gi NvUwZ c`i`y m`q`g| IIRI Avt`v D`j L`K`i`Q Philippine Rice Research Institute (PRRI) and Bangladesh Agriculture Research Institute (BARI) G tmbvj x avtbi ci`q`Y Pj`Q|

View IRRI's news releases on Golden Rice at http://irri.org/index.php?option=com_k2&view=item&id=12335&lang=en and http://irri.org/index.php?option=com_k2&view=item&id=12108&lang=en

Bivtbi `vBwi Kv Kg`Z`MY Avt`v tewk w`RGg km` P`v`Ii Rb` etj`Qb

Bivtbi msm`xq Kw Kugwi c`av Ave`vm ivRvR etj`Qb Bivtbi w`RGg ktm` Avil weib`q`vM Kiv D`w`PZ| Ave`vm Avt`v D`j L`K`ib cieZ`Z 20 mvj ch`S`-Bivtbi RbmsL`v 250 w`gij qtb tc`S`P`te Ges evowZ RbmsL`vi Rb` AwZwi`³ L`v` i c`q`vRb| Ave`vm Avil D`j L`K`ib Bivtbi 40 w`gij qb GK i c`w`Z Rwg itqtQ thLv`b evt`q`vUK km` P`v`Ii K`i`j R`w`Z D`c`K`Z nte|

The news was translated by Shiva Bakhtiari of IRBIC from <http://khabarfarsi.com/ext/3335434>

BD`i`v`c`

Galapagos UtgtUv`Z mv`v g`w`Q c`Z`e`U`K w`Rb cvl`qv t`M`i`Q

tb`vij`v`U`i Liv`R`wb`b`Rb wek`je`v`j`q`i we`Av`bxiv eb` UtgtUv`Z mv`v`g`w`Q c`Z`e`U`K w`Rb t`c`q`q`Q hv`K` ej`v` nq Galapagos UtgtUv`| mv`v`g`w`Q UtgtUv` Mv`Q I dt`j`i A`b`K` q`w`Z` K`i` _v`K` Ges D`w`M`t` i f`v`B`i`v`m` Q`u`o`t`q` w` t`Z`I` m`v`v`h` K`i`| we`Av`bxiv w`Rb e`v`S`K` t`_`K` A`b`K` w`Rb w`b`q` j`m` Kw`i`q` we`w`f`b`e`x`R` t`c`q`q`Q Ges ex`R`_`t`j`v`K` mv`v` g`w`Q c`Z`e`U`K`Z`v`i R`b`³ ci`x`q`v` K`i` t`Q`w`e`Av`bxiv w`i`c`v`U`K`i` t`Q`b` GK`U`v` m`S`K`i`v`q`b` c`R`w`Z` mv`v`g`w`Q` t`Z` c`j`i`v`c`j`i` c`Z`e`U`K`Z`v`i` w`L`t`q`Q`|

See the original article at <http://www.wur.nl/UK/newsagenda/news/gal%3%A1pagostomato12092012.htm>

M`tel`Y`v`

M`tel`Y`v`q` t`L`v` t`M`i`Q` t`c`v`K`v`g`v`K`t`o`i` Av`m`g`b` c`Z`n`Z` K`i` t`Z` M`v`Q` Ae`j` a`b` t`L`v`R`

Liv`R`wb`b`Rb wek`je`v`j`q` Ges tb`vij`v`U`i B`k`ij`w`R` B`w`v`w`U`D`t`U`i we`Av`bxiv t`c`v`K`v`g`v`K`t`o`i`i` Av`m`g`b`i` dt`j` D`w`M`t` i` m`v`v`h` t`L`v`R`v`i` c`x`w`Z` w`b`q` M`tel`Y`v` t`k`l` K`i` t`Q`b` Ges G`U`v` nq` h`L`b` t`c`v`K`v`g`v`K`o` D`w`M`t` i` D`c`i` w`W`g` cv`f`o`| M`tel`K``j` Z``S`` K`i` t` t`L`t`Q`b` th, ci`R`x`e`k` l`q`v`c`m` h`v` ev`av`K`u`c`i` t`c`v`K`v`g`v`K`t`o`i` c`O`K`w`Z`K` k`I`| l`q`v`c`m` Ges mv`v` c`R`w`c`w`Z` K`v`t`j`v` m`w`i` l`v` M`v`Q`i` c`Z`Z` m`v`o`v` t``q` Ges G`B` m`w`i` l`v`, ev`av`K`u`c`i` w`b`K`U` c`R`w`Z` w`t`m`t`e` we`t`e`w`P`Z` nq| h`L`b` G`i`v` N`O`Y` Q`u`o`t`q` t``q` Z`L`b` M`v`Q` G`K` a`i` t`b`i` i`v`m`v`q`b`K` Ges M`V`b`M`Z` c`w`i` e`Z`B` Av`t`m`|

See the full journal article at <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0043607>

b`Z`b` w`R`b` D`b`Z` ev`K`-c`Z`e`U`K` D`w`M`c` m`w`o` K`i` t`Z` cv`t`i`

eb` UtgtUv`Z` U`B`B`K`v`t`g`m`, G`m`v`B`j` b`v`g`K` D`c`v`v`b` `Z`ix` K`i` h`v`i` dt`j` G`i`v` t`c`v`K`v`g`v`K`t`o`i`i` Av`m`g`b` t`_`K` i` q`v` cvl`qv` h`v`q`| th` w`R`b`_`t`j`v` G`m`v`B`j` b`v`g`K` D`c`v`v`b` `Z`ix` K`i` Z`v`t` i` L`y`R` t`e`i` K`i`v` n`t`q`Q`| G`B` a`i` t`b`i` w`R`b`_`t`j`v` g`j` Z` U`B`B`K`v`t`g`m` t`K`v`t`B` cvl`qv` h`v`q` w`K`S` P`v`l`K`Z` UtgtUv`Z` U`B`B`K`v`t`g`m` _v`K` b`v` h`v`i` dt`j` G`m`v`B`j` `Z`ix` K`i` t`Z` cv`t`i` b`v`| h`w` G`B` b`Z`b` w`R`b` P`v`l`K`Z` UtgtUv`Z` `v`b`v`S`i` K`i`v` h`v`q` Z`v`nt`j` t`c`v`K`v`g`v`K`o` c`Z`Z`i`v`t`ai` R`b` K`i`v`R`i` G`K`U`v` K`g`e`x`w`Z` nte|

Full Article can be downloaded at <http://www.pnas.org/content/early/2012/09/12/1207906109.full.pdf+html?sid=4b8ac70d-c881-4a62-b3e3-dddc25d4736e>. News article can be seen at <http://news.msu.edu/story/new-gene-could-lead-to-better-bug-resistant-plants/>

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